PRODUCT FOR EUROPE

XCMG European Sales and Services GmbH
Address: Europark Fichtenhain B 4,47807 Krefeld, Deutschland
Tel: +49 (0) 2151 8206 890
Fax: +49 (0) 2151 8206 899
E-Mail: info@xcmg-ess.de

XUZHOU CONSTRUCTION MACHINERY GROUP IMP. & EXP. CO., LTD
Address: No.1, Tuolanshan Road, Xuzhou Economic Developing Zone, Jiangsu, China 221004
Tel: + 86(0) 516 8773 9703
Fax: + 86(0) 516 8773 9230
E-Mail: europe@xcmg.com

www.xcmg.com

XCMG FOR YOUR SUCCESS

INTRODUCTION OF XCMG

XCMG, as a leading enterprise valued of 100 billion RMB, with the largest scale, the best technology level, the largest export volume, and high competitiveness and influence in China’s construction machinery industry, has been occupying the first place in China's construction machinery industry for decades, and it now ranks the third in the world industry and the 395th among the world's top 500 brands.
The main products by XCMG consists of 16 categories of equipment such as hoisting machinery, excavation machinery, concrete machinery, mining machinery, earth-moving machinery and road machinery, etc., as well as three categories of key components such as hydraulic system, transmission system and electric control system. Among above-mentioned, hoisting machinery ranks first in the world, and package solution of road construction and maintenance machinery, piling machinery and concrete machinery are among the first-class bloc in the world.
XCMG has accumulated more than 8000 approved patents, including more than 1900 invention patents and more than 130 PCT international patents. Entities of R&D centers, manufacturing plants or KD factories are in operation in more than 10 countries such as Germany, the United States, Brazil and India, XCMG has also acquired three European enterprises including Schwing in Germany. The Brazil manufacturing plant, with an investment of 350 million dollars to build up factories on a bare ground, has become a model of economic cooperation between China and Brazil. At present, XCMG products are exported to 187 countries and regions, covering 97% of the countries along “The Belt and Road” area. In export business to 35 countries, XCMG’s proportion ranks NO. 1, with a steady first place within Chinese industry in terms of annual export volume and overseas income.

XCMG in Europe

Since 1990s when XCMG was already a known brand within the industry in Europe, XCMG has been one of the major international manufacturers supplying products and service across the Continent. With its rapid development in recent years, XCMG is gradually building up an all-round network including: R&D department; local distribution, supply chain management and an integrated customer services and training center.

At present, XCMG has 3 subsidiaries in operation, with more than 100 multinational employees in Europe:
-ERC XCMG European research center GmbH
-EPC XCMG European purchasing center GmbH
-ESS XCMG European sales and services GmbH

XCMG is also holding a resource of more than 100 branches by local dealers throughout the Europe, generating a whole value chain that is serving the entire European market, including sales, service, financing, used equipment recycle, etc.
We actively and continuously implement our globalization strategy. Our first-class international team has many years of professional experience and excellent cross-cultural management capability.
With a strong combination of expertise and practical experience in a multicultural context, we create real value and provide a high level of return on investment to our European customers.

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EXCAVATING MACHINERY

01

XCMG

XUZHOU CONSTRUCTION MACHINERY GROUP IMP. & EXP. CO., LTD

XCMG PRODUCT FOR EUROPE

CRAWLER EXCAVATOR

Euro Stage V

XE18E

Brief product introduction

1.Engine that meets Euro V emission standards has strong power and excellent performance.

2.Tailless design cooperates with boom swing function,which can adapt to the narrow space operation flexibly.

3.Retractable Undercarriage can improve the passing ability and better stability.

4.Built-in working pipelines will avoid being damaged during work.

5.Rear hood can be opened from both the left and right direction, which can improve the convenience of maintenance.

Main Specification

Model	Unit	Parameters
Operating weight	Kg	1795
Bucket capacity	m³	0.04

Engine			
	Model	/	Kubota D902
Type	Direct injection	/	/
	Four strokes	/	√
	Water cooling	/	√
	Turbo-charging	/	/
	Air to air intercooler	/	/
	No. of cylinders	/	3
	Output power	kw/rpm	11.8/2300
	Torque/speed	N.m	51.3/1800
	Displacement	L	0.898

Main performance		
Travel speed（H/L)	km/h	3.1/2.1
Rotating speed	r/min	9
Gradeability	°	≤30
Ground pressure	kPa	28.5
Bucket digging force	kN	16
Arm crowd force	kN	10
Maximum traction	kN	15.6

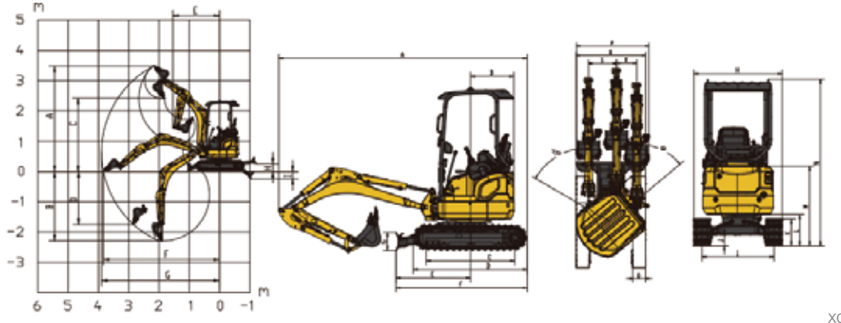
Hydraulic System		
Main pump	/	/
Rated flow of main pump	L/min	64.4
Pressure of prime valve	MPa	24
Pressure of travel system	MPa	24
Pressure of swing system	MPa	11
Pressure of pilot system	MPa	3.9

Oil Capacity	Unit	Parameters
Fuel tank capacity	L	17
Hydraulic tank capacity	L	18
Engine oil capacity	L	3.8

Apperance size		
A Overall length	mm	3560
B Overall width	mm	990/1240
C Overall height	mm	2350
D Width of platform	mm	990
E Length of crawler	mm	1642
F Overall width of chassis	mm	990/1240
G Width of crawler	mm	230
H Track length on ground	mm	1270
I Crawler gauge	mm	760/1010
J Clearance under counterweight	mm	450
K Min. ground clearance	mm	145
L Min. tail swing radius	mm	620
M Height of track	mm	380

Working scope		
A Max. digging height	mm	3475
B Max. dumping height	mm	2415
C Max. digging depth	mm	2290
D Maximum depth cut for 2240mm(8 ft) level bottom	mm	2055
E Max. vertical wall digging depth	mm	1750
F Max. digging reach	mm	3900
G Min. swing radius	mm	1550

Worker			
Standard	Length of boom	mm	1828
	Length of arm	mm	950
	Bucket capacity	m³	0.04
Optional	Length of boom	mm	/
	Length of arm	mm	1120
	Bucket capacity	m³	0.02



CRAWLER EXCAVATOR

Euro Stage V

XE19E

Brief product introduction

1.Engine that meets Euro V emission standards has strong power and excellent performance.

2.Tailless design cooperates with boom swing function,which can adapt to the narrow space operation flexibly.

3.Retractable Undercarriage can improve the passing ability and better stability.

4.Built-in working pipelines will avoid being damaged during work.

5.Rear hood can be opened from both the left and right direction, which can improve the convenience of maintenance.

Main Specification

Engine		Unit	Parameters
	Model	/	Kubota D1105
Type	Direct injection	/	/
	Four strokes	/	√
	Water cooling	/	√
	Turbo-charging	/	/
	Air to air intercooler	/	/
	No. of cylinders	/	3
	Output power	kw/rpm	15.4/2400
	Torque/speed	N.m	70.3/1600
	Displacement	L	1.123

Main performance		
Travel speed（H/L)	km/h	4.4/2.5
Rotating speed	r/min	10
Gradeability	°	≤30
Ground pressure	kPa	29.7
Bucket digging force	kN	16
Arm crowd force	kN	8
Maximum traction	kN	20

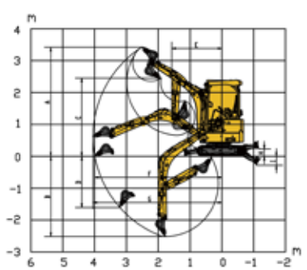
Hydraulic System		
Main pump	/	/
Rated flow of main pump	L/min	64.4
Pressure of prime valve	MPa	25.3
Pressure of travel system	MPa	21
Pressure of swing system	MPa	11
Pressure of pilot system	MPa	3.5

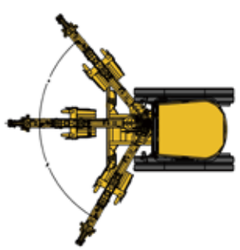
Oil Capacity		
Fuel tank capacity	L	25
Hydraulic tank capacity	L	14.6
Engine oil capacity	L	5.1

Apperance size		Unit	Parameters
A	Overall length	mm	3550
B	Overall width	mm	990/1300
C	Overall height	mm	2395
D	Width of platform	mm	990
E	Length of crawler	mm	563.5
F	Overall width of chassis	mm	990/1300
G	Width of crawler	mm	230
H	Track length on ground	mm	1230
I	Crawler gauge	mm	760/1070
J	Clearance under counterweight	mm	433．5
K	Min. ground clearance	mm	147
L	Min. tail swing radius	mm	675
M	Height of track	mm	345

Working scope			
A	Max. digging height	mm	3420
B	Max. dumping height	mm	2455
C	Max. digging depth	mm	2520
D	Maximum depth cut for 2240mm(8 ft) level bottom	mm	1895
E	Max. vertical wall digging depth	mm	1605
F	Max. digging reach	mm	4055
G	Min. swing radius	mm	1575

Worker			
Standard	Length of boom	mm	1810
	Length of arm	mm	1090
	Bucket capacity	m³	0.04
Optional	Bucket capacity	m³	0.06
	Bucket capacity	m³	0.03
	Bucket capacity	m³	0.02





CRAWLER EXCAVATOR

Euro Stage V

XE20E

Brief product introduction

1.The equipment can be deflected to the left and right by 75 and 53 degrees respectively.

2.Compact design cooperates with boom swing function,which can adapt to the narrow space operation flexibly.

3.The working pipes and wiring harness are built inside the boom to gain better protection and to extend the machine life.

4.Optimized undercarrige structure, and box structure dozer blade, more sturdy and durable.

5.The cab meet the safety requirements of TOPS/ROPS/OPG.

Main Specification

Model		Unit	Parameters
Operating weight		Kg	1950
Bucket capacity		m³	0.04

Engine			
	Model	/	Kubota D902
Type	Direct injection	/	/
	Four strokes	/	√
	Water cooling	/	√
	Turbo-charging	/	/
	Air to air intercooler	/	/
	No. of cylinders	/	3
	Output power	kw/rpm	11.8/2400
	Torque/speed	N.m	51.3/1800
	Displacement	L	0.898

Main performance		
Travel speed（H/L)	km/h	3.1/2.1
Rotating speed	r/min	8
Gradeability	°	≤30
Ground pressure	kPa	28
Bucket digging force	kN	16
Arm crowd force	kN	8
Maximum traction	kN	14

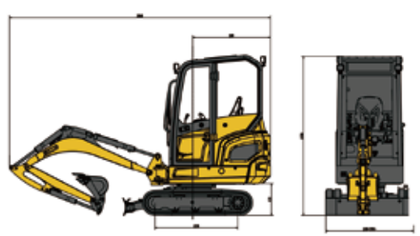
Hydraulic System		
Main pump	/	/
Rated flow of main pump	L/min	64.4
Pressure of prime valve	MPa	25.3
Pressure of travel system	MPa	21
Pressure of swing system	MPa	11
Pressure of pilot system	MPa	3.5

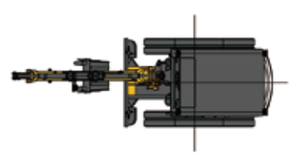
Oil Capacity		
Fuel tank capacity	L	25
Hydraulic tank capacity	L	20
Engine oil capacity	L	3.8

Apperance size		Unit	Parameters
A	Overall length	mm	3860
B	Overall width	mm	990/1300
C	Overall height	mm	2350
D	Width of platform	mm	990
E	Length of crawler	mm	1564
F	Overall width of chassis	mm	990/1300
G	Width of crawler	mm	230
H	Track length on ground	mm	1223
I	Crawler gauge	mm	760/1070
J	Clearance under counterweight	mm	475
K	Min. ground clearance	mm	148
L	Min. tail swing radius	mm	1100
M	Height of track	mm	346

Working scope			
A	Max. digging height	mm	3620
B	Max. dumping height	mm	2560
C	Max. digging depth	mm	2580
D	Maximum depth cut for 2240mm(8 ft) level bottom	mm	2000
E	Max. vertical wall digging depth	mm	2140
F	Max. digging reach	mm	4120
G	Min. swing radius	mm	1520

Worker			
Standard	Length of boom	mm	1810
	Length of arm	mm	1190
	Bucket capacity	m³	0.04





CRAWLER EXCAVATOR

Euro Stage V

XE27E Canopy

Brief product introduction

1.The Kubota engine with load-sensing hydraulic system provides efficiency and fuel economy.

2.The ergonomic control layout, travel levers with standard pedals, and adjustable wrist rests are engineered to reduce operator fatigue and increase productivity.

3.The reversible all new wrist rests has a significantly increasedchannel size.

4.Compact short tail design and boom swing allows you to work in very narrow areas.

5.Two auxiliary pipelines with adjustable electric proportional flow and quick coupler, which can realize the rapid switching of tools and can meet almost all of your attachment needs

6.Boom & arm cylinder safety valve and dozer holding valve make more security.

Main Specification

Model	Unit	Parameters
Operation Weight	Kg	2680
Bucket Capacity	m³	0.06

Engine			
	Model	/	Kubota D1105
Type	Direct injection	/	-
	Four strokes	/	√
	Water cooling	/	√
	Turbo-charging	/	-
	Air to air intercooler	/	-
	No. of cylinders	/	3
	Output power	kw/rpm	15.4/2400
	Torque/speed	N.m	70.3/(1600r/min)
	Displacement	L	1.123

Main performance		
Travel speed（H/L)	km/h	3.1/2
Rotating speed	r/min	10
Gradeability	°	≤30
Ground pressure	kPa	25.5
Bucket digging force	kN	23
Arm crowd force	kN	14
Maximum traction	kN	29.7

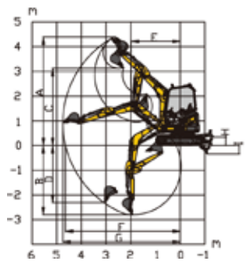
Hydraulic System		
Main pump	/	one plunger pump
Rated flow of main pump	L/min	82.8
Pressure of prime valve	MPa	24.3
Pressure of travel system	MPa	24.3
Pressure of swing system	MPa	16.2
Pressure of pilot system	MPa	3.5

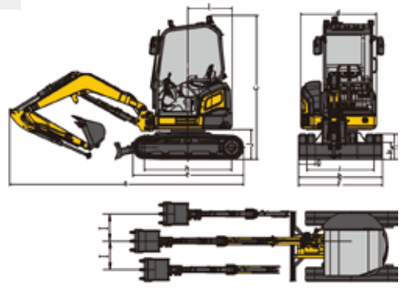
Oil Capacity	Unit	Parameters
Fuel tank capacity	L	33
Hydraulic tank capacity	L	22
Engine oil capacity	L	5.1

Apperance size			
A	Overall length	mm	4190
B	Overall width	mm	1500
C	Overall height	mm	2580
D	Width of platform	mm	1350
E	Length of crawler	mm	1980
F	Overall width of chassis	mm	1500
G	Width of track shoe	mm	300
H	Track length on ground	mm	1560
I	Crawler gauge	mm	1200
J	Clearance under counterweight	mm	535
K	Min. ground clearance	mm	290
L	Min. tail swing radius	mm	790
M	Height of track	mm	457

Working scope			
A	Max. digging height	mm	4390
B	Max. dumping height	mm	3120
C	Max. digging depth	mm	2800
D	Max. vertical wall digging depth	mm	2310
E	Max. digging reach	mm	4750
F	Min. swing radius	mm	1980
G	Maximum lifting height of dozer blade	mm	300
H	Maximum lifting height of dozer blade	mm	330
I	The maximum depth of the dozer blade	mm	610/585

Worker			
Standard	Length of boom	mm	2090
	Length of arm	mm	1300
	Bucket capacity	m³	0.06
	Bucket width	mm	
	Bulldozer (width/heigh)	mm	1500/300
Optional	Length of boom	m³	/
	Length of arm	m³	/
	Bucket capacity	m³	/





CRAWLER EXCAVATOR

Euro Stage V

XE27E

Brief product introduction

1.The Kubota engine with load-sensing hydraulic system provides efficiency and fuel economy.

2.The ergonomic control layout, travel levers with standard pedals, and adjustable wrist rests are engineered to reduce operator fatigue and increase productivity.

3.The reversible all new wrist rests has a significantly increased channel size.

4.Compact short tail design and boom swing allows you to work in very narrow areas.

5.Two auxiliary pipelines with adjustable electric proportional flow and quick coupler, which can realize the rapid switching of tools and can meet almost all of your attachment needs

6.Boom & arm cylinder safety valve and dozer holding valve make more security.

Main Specification

Model	Unit	Parameters
Operation Weight	Kg	2780
Bucket Capacity	m³	0.06

Engine			
	Model	/	Kubota D1105
Type	Direct injection	/	-
	Four strokes	/	√
	Water cooling	/	√
	Turbo-charging	/	-
	Air to air intercooler	/	-
	No. of cylinders	/	3
	Output power	kw/rpm	15.4/2400
	Torque/speed	N.m	70.3/(1600r/min)
	Displacement	L	1.123

Main performance		
Travel speed（H/L)	km/h	3.1/2
Rotating speed	r/min	10
Gradeability	°	≤30
Ground pressure	kPa	26.4
Bucket digging force	kN	23
Arm crowd force	kN	14
Maximum traction	kN	29.7

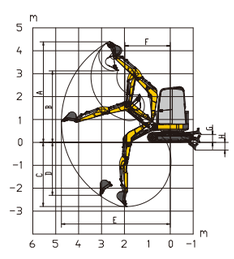
Hydraulic System		
Main pump	/	one plunger pump
Rated flow of main pump	L/min	82.8
Pressure of prime valve	MPa	24.3
Pressure of travel system	MPa	19
Pressure of swing system	MPa	16.2
Pressure of pilot system	MPa	3.5

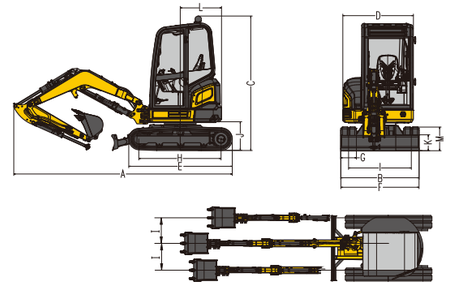
Oil Capacity	Unit	Parameters
Fuel tank capacity	L	33
Hydraulic tank capacity	L	22
Engine oil capacity	L	5.1

Apperance size			
A	Overall length	mm	4190
B	Overall width	mm	1500
C	Overall height	mm	2580
D	Width of platform	mm	1350
E	Length of crawler	mm	1980
F	Overall width of chassis	mm	1500
G	Width of track shoe	mm	300
H	Track length on ground	mm	1560
I	Crawler gauge	mm	1200
J	Clearance under counterweight	mm	535
K	Min. ground clearance	mm	290
L	Min. tail swing radius	mm	790
M	Height of track	mm	457

Working scope			
A	Max. digging height	mm	4390
B	Max. dumping height	mm	3120
C	Max. digging depth	mm	2800
D	Max. vertical wall digging depth	mm	2310
E	Max. digging reach	mm	4750
F	Min. swing radius	mm	1980
G	Maximum lifting height of dozer blade	mm	300
H	Maximum lifting height of dozer blade	mm	320
I	The maximum depth of the dozer blade	mm	610/585

Worker			
Standard	Length of boom	mm	2090
	Length of arm	mm	1300
	Bucket capacity	m³	0.06
	Bucket width	mm	
	Bulldozer (width/heigh)	mm	1500/300
Optional	Length of boom	m³	/
	Length of arm	m³	/
	Bucket capacity	m³	/





CRAWLER EXCAVATOR

Euro Stage V

XE35E

Brief product introduction

1.Environment friendly engine meeting Euro V emission standards is equipped with large displacement main pump, which has low energy consumption and high efficiency.

2.Tailless design cooperates with boom swing function, which can adapt to the narrow space operation flexibly.

3.The cab can be flipped up for easy maintenance.

4.Cab and base plate are integrated, which has strong noise isolation and high comfort.

5.The whole machine's weight is distributed reasonably, improving the excavator's digging stability.

6.The wrist rests can be flipped up for easy access to the cab.

Main Specification

Model	Unit	Parameters
Operation Weight	Kg	4200
Bucket Capacity	m³	0.12

Engine		
Model	/	Yanmar 3TNV88F
No. of cylinders	/	3
Rated power	kw/rpm	18.2/2200
Maximum torque/speed	N.m	85.3-94.2 / 1320
Displacement	L	1.642

Main performance		
Travel speed（H/L)	km/h	3.6/2.2
Swing speed	r/min	9
Gradeability	°	30
Ground pressure	kPa	36.6
Bucket digging force	kN	28.6
Arm digging force	kN	20.3
Maximum tractive force	kN	31.6

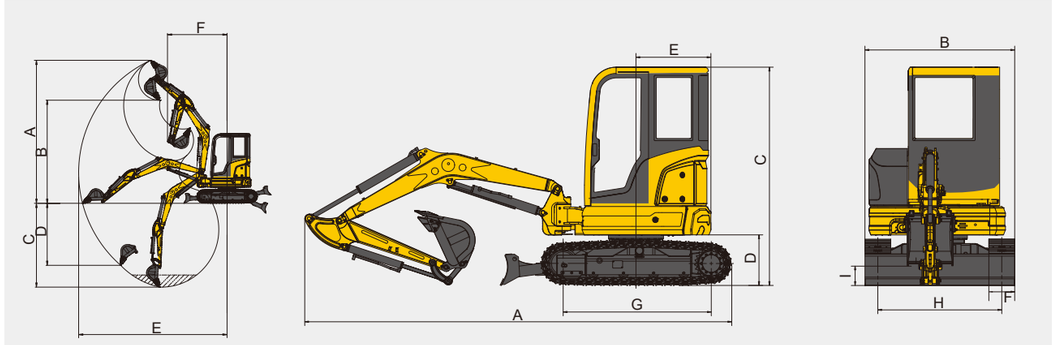
Hydraulic system		
Rated flow of main pump	L/min	108
Main safety valve pressure	MPa	23
Travel system pressure	MPa	21
Swing system pressure	MPa	16.7
Pilot system pressure	MPa	3.9

Standard		
Length of boom	mm	2560
Length of arm	mm	1350

Oil Capacity	Unit	Parameters
Fuel Tank Capacity	L	40
Hydraulic Tank Capacity	L	45
Engine Oil Capacity	L	7

Appearance size		
A Overall Length	mm	4960
B Overall Width	mm	1740
C Overall Height	mm	2535
D Counterweight clearance	mm	587
E Minimum tail swing radius	mm	870
F Track Shoe Width	mm	300
G Wheel base of crawler	mm	1721
H Track Gauge	mm	1440
I Minimum ground clearance	mm	297

Working Range		
A Maximum Digging Height	mm	5000
B Maximum Dumping Height	mm	3600
C Maximum Digging Depth	mm	3060
D Maximum Vertical Wall Digging Depth	mm	2260
E Maximum Digging Radius	mm	5300
F Minimum Swing Radius	mm	2170



CRAWLER EXCAVATOR

Euro Stage V

XE55E

Brief product introduction

1.Engine that meets Euro V emission standards is highly reliable, environmentally friendly, and have lower fuel consumption.

2.Compact and Tailless design cooperates with boom swing function, which can adapt to the narrow space operation flexibly.

3.A set of high-pressure quick coupler pipelines and two sets of flow-adjustable backup circuit can truly realize one machine with multiple functions.

4.Key electrical elements are arranged in new type electrical box, which makes daily maintenance more convenient.

Main Specification

Model	Unit	XE55E
Operation Weight	Kg	5700
Bucket Capacity	m³	0.16

Engine		
Model	/	Kubota V2403
No. of cylinders	/	4
Rated power	kw/rpm	30.7/2200
Maximum torque/speed	N.m	159.8/1500
Displacement	L	2.434

Main performance		
Travel speed（H/L)	km/h	4.6/2.8
Swing speed	r/min	9.5
Gradeability	°	≤35
Ground pressure	kPa	32.0
Bucket digging force	kN	44.5
Arm digging force	kN	24.3
Maximum tractive force	kN	52.8

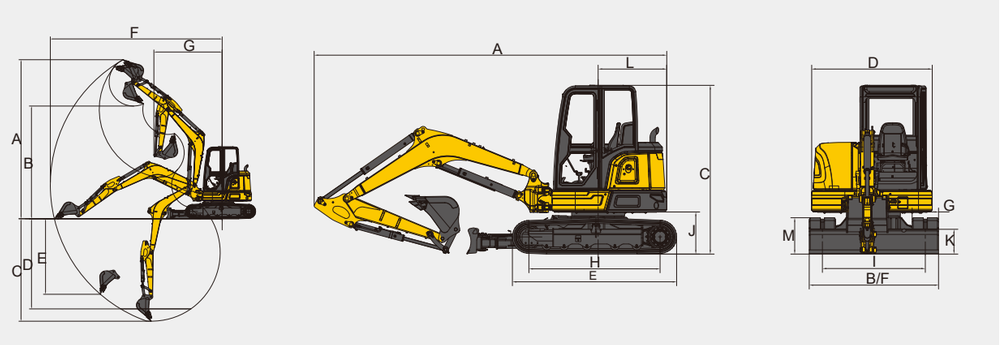
Hydraulic system		
Rated flow of main pump	L/min	158.4
Main safety valve pressure	MPa	30
Travel system pressure	MPa	30
Swing system pressure	MPa	24
Pilot system pressure	MPa	3.5

Standard		
Length of boom	mm	2850
Length of arm	mm	1570

Apperance size	Unit	XE55E
A Overall length	mm	5340
B Overall width	mm	1960
C Overall height	mm	2555
D Width of platform	mm	1830
E Track length	mm	2490
F Overall width of chassis	mm	1960
G Track shoe width	mm	400
H Wheel base of crawler	mm	1990
I Track gauge	mm	1560
J Counterweight clearance	mm	637
K Minimum ground clearance	mm	315
L Minimum tail swing radius	mm	2430
M Track height	mm	550

Working scope		
A Maximum digging height	mm	5650
B Maximum dumping height	mm	4010
C Maximum digging depth	mm	3640
D Maximum depth cut for 2240mm(8 ft) level bottom	mm	3200
E Maximum vertical wall digging depth	mm	2690
F Maximum digging radius	mm	6110
G Minimum swing radius	mm	2430

Oil Capacity		
Fuel Tank Capacity	L	68
Hydraulic Tank Capacity	L	46
Engine Oil Capacity	L	9.5



CRAWLER EXCAVATOR

Euro Stage V

XE80E single boom

Brief product introduction

1.It equips the internationally renowned brand Kubota engine ,with sufficient low-speed torque reserve, strong power, good fuel economy, low noise and low vibration .

2.The newly optimized second-generation main valve further optimizes the control performance. The compound action has good controllability, soft operation, fast response speed, and more precise control.

3.Multi-mode control system can meet the needs of customers in different working conditions.

4.The mechanical suspension seat and Japanese Denso brand high-power heating and cooling air conditioner providing a more comfortable working environment for the driver.

5.The integrated installation of diesel filter, oil-water separator, and electronic fuel transfer pump , integrates the functions of pumping oil, fuel heating and water removal, which is convenient for maintenance

Main Specification

Model	Unit	Parameters
Operation Weight	Kg	9500
Bucket Capacity	m³	0.04

Engine			
	Model	/	Kubota V3307
Type	Direct injection	/	/
	Four strokes	/	√
	Water cooling	/	√
	Turbo-charging	/	/
	Air to air intercooler	/	/
	No. of cylinders	/	4
	Output power	kw/rpm	54.6/2200
	Torque/speed	N.m	265/1500
	Displacement	L	3.3

Main performance		
Travel speed（H/L)	km/h	4.9/2.7
Rotating speed	r/min	12
Gradeability	°	≤30
Ground pressure	kPa	48
Bucket digging force	kN	64
Arm crowd force	kN	41
Maximum traction	kN	64

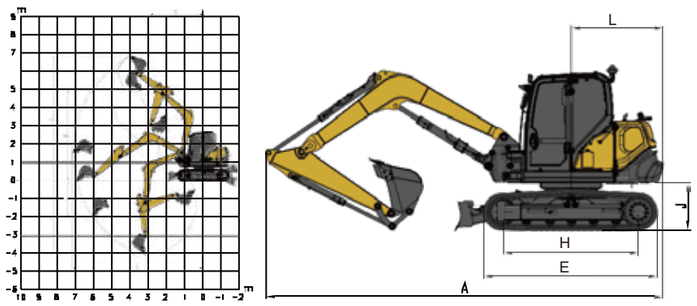
Hydraulic System		
Main pump	/	/
Rated flow of main pump	L/min	219
Pressure of prime valve	MPa	30
Pressure of travel system	MPa	30
Pressure of swing system	MPa	23.5
Pressure of pilot system	MPa	3.5

Oil Capacity	Unit	Parameters
Fuel tank capacity	L	130
Hydraulic tank capacity	L	110
Engine oil capacity	L	10

Apperance size			
A	Overall length	mm	6170
B	Overall width	mm	2300
C	Overall height	mm	2730
D	Width of platform	mm	2250
E	Length of crawler	mm	2900
F	Overall width of chassis	mm	2300
G	Width of track shoe	mm	450
H	Track length on ground	mm	2272
I	Crawler gauge	mm	1850
J	Clearance under counterweight	mm	818
K	Min. ground clearance	mm	386
L	Min. tail swing radius	mm	1450/1545
M	Height of track	mm	698

Working scope			
A	A Max. digging height	mm	8325
B	Max. dumping height	mm	6440
C	Max. digging depth	mm	3945
D	Maximum depth cut for 2240mm(8 ft) level bottom	mm	
E	Max. vertical wall digging depth	mm	3300
F	Max. digging reach	mm	7890
G	Min. swing radius	mm	2900

Worker			
Standard	Length of boom	mm	VA boom
	Length of arm	mm	1823
	Bucket capacity	m³	0.35



CRAWLER EXCAVATOR

Euro Stage V

XE80E Two pieces boom

Brief product introduction

1.It equips the internationally renowned brand Kubota engine ,with sufficient low-speed torque reserve, strong power, good fuel economy, low noise and low vibration .

2.The newly optimized second-generation main valve further optimizes the control performance. The compound action has good controllability, soft operation, fast response speed, and more precise control.

3.Multi-mode control system can meet the needs of customers in different working conditions

4.The mechanical suspension seat and Japanese Denso brand high-power heating and cooling air conditioner providing a more comfortable working environment for the driver.

5.The integrated installation of diesel filter, oil-water separator, and electronic fuel transfer pump , integrates the functions of pumping oil, fuel heating and water removal, which is convenient for maintenance

Main Specification

Model	Unit	Parameters
Operation Weight	Kg	9500
Bucket Capacity	m³	0.04

Engine			
	Model	/	Kubota V3307
Type	Direct injection	/	/
	Four strokes	/	√
	Water cooling	/	√
	Turbo-charging	/	/
	Air to air intercooler	/	/
	No. of cylinders	/	4
	Output power	kw/rpm	54.6/2200
	Torque/speed	N.m	265/1500
	Displacement	L	3.3

Main performance		
Travel speed（H/L)	km/h	4.9/2.7
Rotating speed	r/min	12
Gradeability	°	≤30
Ground pressure	kPa	48
Bucket digging force	kN	64
Arm crowd force	kN	41
Maximum traction	kN	64

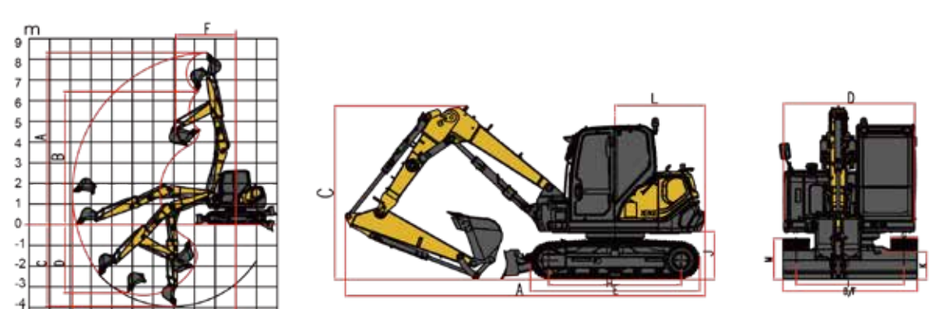
Hydraulic System		
Main pump	/	/
Rated flow of main pump	L/min	219
Pressure of prime valve	MPa	30
Pressure of travel system	MPa	30
Pressure of swing system	MPa	23.5
Pressure of pilot system	MPa	3.5

Oil Capacity	Unit	Parameters
Fuel tank capacity	L	130
Hydraulic tank capacity	L	110
Engine oil capacity	L	10

Apperance size			
A	Overall length	mm	6170
B	Overall width	mm	2300
C	Overall height	mm	2730
D	Width of platform	mm	2250
E	Length of crawler	mm	2900
F	Overall width of chassis	mm	2300
G	Width of track shoe	mm	450
H	Track length on ground	mm	2272
I	Crawler gauge	mm	1850
J	Clearance under counterweight	mm	818
K	Min. ground clearance	mm	386
L	Min. tail swing radius	mm	1450/1545
M	Height of track	mm	698

Working scope			
A	A Max. digging height	mm	8325
B	Max. dumping height	mm	6440
C	Max. digging depth	mm	3945
D	Maximum depth cut for 2240mm(8 ft) level bottom	mm	
E	Max. vertical wall digging depth	mm	3300
F	Max. digging reach	mm	7890
G	Min. swing radius	mm	2900

Worker			
Standard	Length of boom	mm	VA boom
	Length of arm	mm	1823
	Bucket capacity	m³	0.35



CRAWLER EXCAVATOR

Euro Stage V

XE150E

Brief product introduction

1.Strong and unmatched digging forces to fulfill the most challenging tasks on your job site with excellent productivity and efficiency.

2.Advanced XCMG Excavator Intelligent control system(XEICS)

3.8 Attachment modes & 3 Power modes which can deliver the needed power according to specific application while minimizing fuel consumption

4.Efficient hydraulic system, with new large diameter multi-channel control valve, reduce the internal pressure loss and enhance the composite operation efficiency.

5.New cab featured with luxurious interior decoration and panoramic skylight design

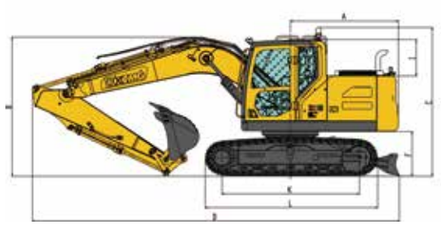
Main Specification

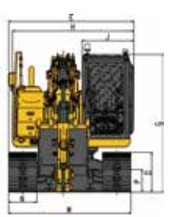
Model	Unit	Parameters
Operating weight	Kg	15700
Bucket capacity	m³	0.65
Engine		
Model	/	Cummins B4.5
Direct injection	/	√
Four strokes	/	√
Water cooling	/	√
Turbo-charging	/	√
Air to air intercooler	/	√
No. of cylinders	/	4
Output power	kw/rpm	90/2200
Torque/speed	N.m	500/1500
Displacement	L	4.5
Main performance		
Travel speed（H/L)	km/h	4.7/2.9
Rotating speed	r/min	11.3
Gradeability	°	≤35
Ground pressure	kPa	40
Bucket digging force	kN	107
Arm crowd force	kN	80
Maximum traction	kN	121
Hydraulic System		
Main pump	/	2
Rated flow of main pump	L/min	2×130
Pressure of prime valve	MPa	34.3/37
Pressure of travel system	MPa	34.3
Pressure of swing system	MPa	25
Pressure of pilot system	MPa	3.9
Oil Capacity		
Fuel tank capacity	L	250
Hydraulic tank capacity	L	95
Engine oil capacity	L	11

Apperance size		Unit	Parameters
A	Min. tail swing radius	mm	2290
B	Overall height（Boom）	mm	2930
C	Overall height（Alarm）	mm	3133
D	Overall length	mm	7774
E	Overall width	mm	2653
F	Counterweight clearance	mm	940
G	Overall height（Cab）	mm	2907
H	Overall width of upstructure	mm	2568
I	Height of cab above the upstructure	mm	766
J	Overall width（Cab）	mm	1096
K	Wheel base of crawler	mm	2910
L	Track length	mm	3658
M	Total width of chassis	mm	2490
N	Track shoe width	mm	500
O	Track height	mm	836
P	Chassis ground clearance	mm	477

Working scope		Unit	Parameters
A	Max. digging radius	mm	8290
B	Max. digging radius on the ground	mm	8155
C	Max. digging depth	mm	5535
D	Max. dumping height	mm	6185
E	Min. dumping height	mm	2095
F	Max. digging height	mm	8630
G	Max. Bucket teeth height	mm	7440
H	Max. vertical wall digging depth	mm	4580
I	Max. vertical wall digging radius	mm	5577
L	Min. swing radius	mm	2475

Worker				
Standard	Length of boom	mm	4600
	Length of arm	mm	2520
	Bucket capacity	m³	0.65
Optional	Length of boom	mm	--
	Length of arm	mm	2100/3010
	Bucket capacity	m³	0.52(Rock bucket) 0.52(Strengthened bucket) 0.4/0.6/0.7(Earthwork bucket)





CRAWLER EXCAVATOR

Euro Stage V

XE160WE

Brief product introduction

1.With high pressure common-rail electronic injection engine that meets EURO Ⅴ emission regulations. It achieves the best fuel injection control, improve combustion efficiency, and is more energy-saving and environmentally friendly.

2.Intelligent electronic control system can achieve optimal matching control of engine speed and hydraulic pump, and dynamic balance of power and hydraulic system.

3. The spacious cab allows the operator to move comfortably and promotes increased productivity

4.Power boost control system increases digging & lifting force.

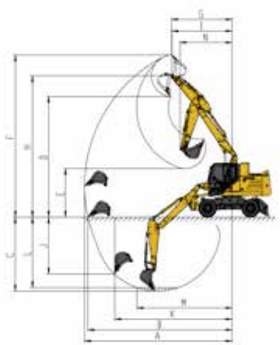
5. The pre-start monitoring system keep the machine in top performing condition.

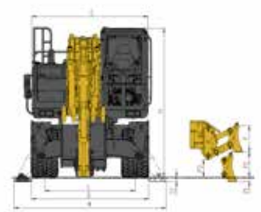
Main Specification

Model	Unit	Parameters
Operating weight(with dozer blade)	Kg	4200
Bucket capacity	m³	0.12
Engine		
Engine Model	/	Cummins B4.5
Direct injection	/	√
Four strokes	/	√
Water cooling	/	√
Turbo-charging	/	√
Air to air intercooler	/	√
No. of cylinders	/	4
Rated power/speed	kw/rpm	115/2200
Maximum torque/speed	N.m	712/1200
Displacement	L	4.5
Main performance		
Travel speed（H/L)	km/h	20/10/2.8
Rotating speed	r/min	11.5
Gradeability	°	≤30
Ground pressure	kPa	48.9
Bucket digging force	kN	120
Arm digging force	kN	86
Maximum tractive force	kN	97
Hydraulic System		
Main pump	/	2
Rated flow of main pump	L/min	2×160
Steering gear pump	L/min	35
braking gear pump	L/min	15
Main safety valve pressure	MPa	34.3/37
Travel system pressure	MPa	37
Swing system pressure	MPa	25
Pilot system pressure	MPa	3.9
Steering pressure	MPa	17.5
braking pressure	MPa	21

Oil Capacity	Unit	Parameters
Fuel tank capacity	L	250
Hydraulic tank capacity	L	118
Engine oil capacity	L	11
Appearance size		
A Overall length	mm	8085
B Overall width	mm	2550
C Overall height	mm	3208
D Width of platform	mm	2490
E Undercarriage length	mm	4723
F Total width of chassis	mm	2550
G Tyre type		10.00-20-16PR
H Tumbler distancer	mm	2550
I Tread	mm	1943
J Counterweight clearance	mm	1262
K Min. ground clearance	mm	372
L Min. tail swing radius	mm	2310
M Outrigger width (front or rear)	mm	3226
Travel height/length	mm	4000/6388
Working Range		
A Max. digging height	mm	9626
B Max. dumping height	mm	7163
C Max. digging depth	mm	4385
D Maximum depth cut for 2240mm(8 ft) level bottom	mm	4180
E Max. vertical wall digging depth	mm	3373
F Max. digging radius	mm	8752
G Min. swing radius	mm	3089

Working Range				
Standard	Length of first boom	mm	1850
	Length of second boom	mm	3500
	Length of arm	mm	2520
	Bucket capacity	m³	0.6
Optional	Length of boom	mm	4600
	Length of arm	mm	2100
	Bucket capacity	m³	0.3/0.7 Earthwork bucket





CRAWLER EXCAVATOR

Euro Stage V

XE220E/EN

Brief product introduction

1.Advanced XCMG Excavator Intelligent control system(XEICS).

2.High pressure common-rail electronic injection engine with low speed and large torque, improve combustion efficiency, more energy-saving and environmentally friendly.

3.Optimized hydraulic system uses the engine power more effectively, maximizing pump output and offering more comfort, smoothness and accuracy.

4.Designed for long-term robustness and safety.

5.Cab with ROPS meets anti-falling requirements and improve cab safety. Spacious cab with low noise & vibration levels and excellent all round visibility.

6.Auto-idling starts after all controls are returned to neutral position and will decrease fuel consumption.

7)Maintenance is faster and convenient. Equipped with LED display, maintenance will be timely reminded.

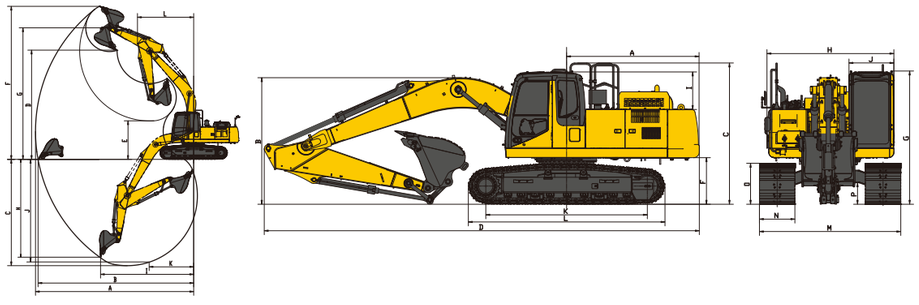
Main Specification

Model	Unit	Parameters
Operating weight	Kg	23500
Bucket capacity	m^3	1.05
Engine		
Model	/	Cummins B6.7
Direct injection	/	√
Four strokes	/	√
Water cooling	/	√
Turbo-charging	/	√
Air to air intercooler	/	√
No. of cylinders	/	6
Rated power/speed	kw/rpm	129/2200
Maximum torque/speed	N.m	881/1500
Displacement	L	6.7
Main performance		
Travel speed（H/L)	km/h	5.4/3.3
Swing speed	r/min	11.5
Gradeability	°	≤35
Ground pressure	kPa	58.7
Bucket digging force	kN	149
Arm digging force	kN	111
Maximum tractive force	kN	184
Hydraulic System		
Main pump	/	2×Variable pump
Rated flow of main pump	L/min	2 × 210
Main safety valve pressure	MPa	35/38
Travel system pressure	MPa	33
Swing system pressure	MPa	26.5
Pilot system pressure	MPa	4
Oil Capacity		
Fuel tank capacity	L	300
Hydraulic tank capacity	L	200
Engine oil capacity	L	26

Apperance size		Unit	Parameters
A	Overall length	mm	10220
B	Overall width	mm	2990/2550
C	Overall height	mm	3230
D	Width of platform	mm	2540
E	Track length	mm	4455
F	Overall width of chassis	mm	2990/2550
G	Track shoe width	mm	500
H	Wheel base of crawler	mm	3647
I	Track gauge	mm	2040
J	Counterweight clearance	mm	1053
K	Min. ground clearance	mm	485
L	Min. tail swing radius	mm	3025
M	Track height	mm	945

Working scope			
A	Max. digging height	mm	9620
B	Max. dumping height	mm	6780
C	Max. digging depth	mm	6680
D	Maximum depth cut for 2240mm(8 ft) level bottom	mm	6500
E	Max. vertical wall digging depth	mm	5715
F	Max. digging radius	mm	9940
G	Min. swing radius	mm	3530

Worker				
Standard	Length of boom	mm	5680	
	Length of arm	mm	2910	
	Bucket capacity	m^3	1.05	
Optional	Length of boom	mm	-	
	Length of arm	mm	2400/2500	
	Bucket capacity	m^3	0.9/1.2 Earthwork bucket 0.9/1.0/1.2 Strengthened bucket 0.9/1.0 Rock bucket	



CRAWLER EXCAVATOR

Euro Stage V

XE260E/EN

Brief product introduction

1)The optimized hydraulic system deliver accurate maximum pump in a smooth way.

2)Advanced XCMG Excavator Intelligent control system(XEICS).

3)With reinforced large bucket capacity design and increased the digging power, the operation efficiency is high.

4)Power boost control system increases digging & lifting force

5)Reduced noise and vibration levels with automatic air-conditioning/climate-control will make more easier and comfortable.

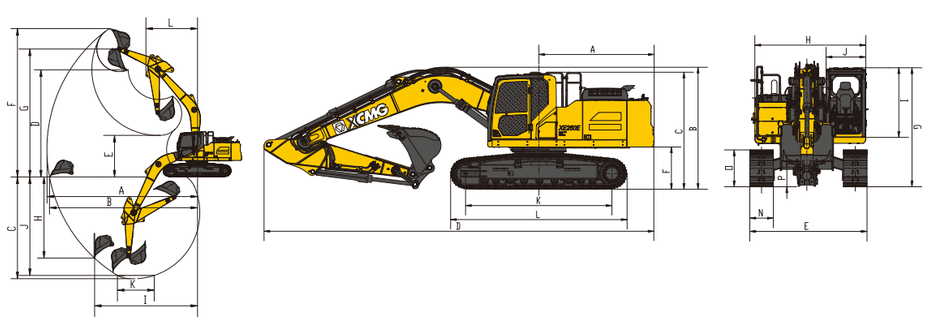
6)Maintenance is fast and convenient. Maintenance period of engine filter element has been extended.

Model	Unit	Parameters
Operating weight	Kg	26850
Bucket capacity	m^3	1.2
Engine		
Model	/	Cummins B6.7
Direct injection	/	√
Four strokes	/	√
Water cooling	/	√
Turbo-charging	/	√
Air to air intercooler	/	√
No. of cylinders	/	6
Rated power/speed	kw/rpm	145/2000
Maximum torque/speed	N.m	847/1500
Displacement	L	6.7
Main performance		
Travel speed（H/L)	km/h	5.2/3.3
Swing speed	r/min	10.6
Gradeability	°	35
Ground pressure	kPa	57
Bucket digging force	kN	176
Arm digging force	kN	125
Maximum tractive force	kN	220
Hydraulic System		
Main pump	/	/
Rated flow of main pump	L/min	2×235
Main safety valve pressure	MPa	34.3/37
Travel system pressure	MPa	34.3
Swing system pressure	MPa	25.5
Pilot system pressure	MPa	3.9
Oil Capacity		
Fuel tank capacity	L	400
Hydraulic tank capacity	L	420
Engine oil capacity	L	24

Apperance size		Unit	Parameters
A	Overall length	mm	10250
B	Overall width	mm	3190/2990
C	Overall height	mm	3210
D	Width of platform	mm	2830
E	Track length	mm	4635
F	Overall width of chassis	mm	3190/2990
G	Track shoe width	mm	600
H	Wheel base of crawler	mm	3840
I	Track gauge	mm	2590/2390
J	Counterweight clearance	mm	1110
K	Min. ground clearance	mm	490
L	Min. tail swing radius	mm	3024
M	Track height	mm	940

Working scope			
A	Max. digging height	mm	10095
B	Max. dumping height	mm	7170
C	Max. digging depth	mm	6925
D	Maximum depth cut for 2240mm(8 ft) level bottom	mm	6704
E	Max. vertical wall digging depth	mm	6500
F	Max. digging radius	mm	10240
G	Min. swing radius	mm	3512

Worker			
Standard	Length of boom	mm	6000
	Length of arm	mm	2964
	Bucket capacity	m^3	1.2



CRAWLER EXCAVATOR

Euro Stage V

XE155ECR

Brief product introduction

1.The ultra-short tail gyration radius and a short front turning radius make it easier to work in small spaces.

2.The new electronic positive flow hydraulic system has fast response and good coordination matches with the engine system and minimizes fuel consumption.

3.The spacious cab allows the operator to move comfortably and promotes increased productivity

4.Power boost control system increases digging & lifting force.

5.The pre-start monitoring system keep the machine in top performing condition.

Main Specification

Model	Unit	Parameters
Operating weight(with dozer blade)	Kg	16600
Bucket capacity	m³	0.65

Engine		
Engine Model	/	Cummins B4.5
Direct injection	/	√
Four strokes	/	√
Water cooling	/	√
Turbo-charging	/	√
Air to air intercooler	/	√
No. of cylinders	/	4
Rated power/speed	kw/rpm	90/2200
Maximum torque/speed	N.m	470/1500
Displacement	L	4.5

Main performance		
Travel speed（H/L)	km/h	4.7/2.9
Rotating speed	r/min	11.3
Gradeability	°	≤35
Ground pressure	kPa	40
Bucket digging force	kN	106.9
Arm digging force	kN	73.4
Maximum tractive force	kN	134

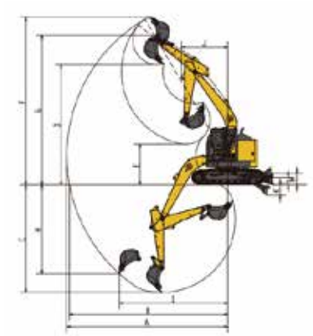
Hydraulic System		
Main pump	/	2
Rated flow of main pump	L/min	2×123.5
Main safety valve pressure	MPa	34.3/37
Travel system pressure	MPa	34.4
Swing system pressure	MPa	25
Pilot system pressure	MPa	3.9

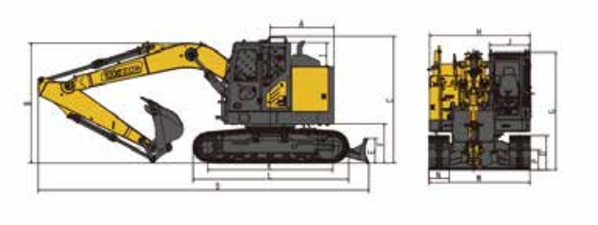
Oil Capacity	Unit	Parameters
Fuel tank capacity	L	200
Hydraulic tank capacity	L	90
Engine oil capacity	L	11

Apperance size			
A	Overall length	mm	7924
B	Overall width	mm	2490
C	Overall height	mm	3030
D	Width of platform	mm	2490
E	Track length	mm	3733
F	Total width of chassis	mm	2490
G	Track shoe width	mm	500
H	Wheel base of crawler	mm	2997
I	Track gauge	mm	1990
J	Counterweight clearance	mm	944
K	Min. ground clearance	mm	476
L	Min. tail swing radius	mm	1530
M	Track height	mm	836

Working range			
A	Max. digging height	mm	8630
B	Max. dumping height	mm	6185
C	Max. digging depth	mm	5535
D	Maximum depth cut for 2240mm(8 ft) level bottom	mm	5324
E	Max. vertical wall digging depth	mm	4580
F	Max. digging radius	mm	8295
G	Min. swing radius	mm	1530

Worker			
Standard	Length of boom	mm	4600
	Length of arm	mm	2520
	Bucket capacity	m³	0.65
Optional	Length of boom	mm	--
	Length of arm	mm	3010
	Bucket capacity	m³	0.52（Rock bucket） 0.52/0.6（Strengthened bucket） 0.32/0.4/0.6/0.7（Earthwork bucket）





CRAWLER EXCAVATOR

Euro Stage V

XE155ECR (two pieces boom)

Brief product introduction

1.The ultra-short tail gyration radius and a short front turning radius make it easier to work in small spaces.

2.The new electronic positive flow hydraulic system has fast response and good coordination matches with the engine system and minimizes fuel consumption.

3.The spacious cab allows the operator to move comfortably and promotes increased productivity

4.Power boost control system increases digging & lifting force.

5.The pre-start monitoring system keep the machine in top performing condition.

Main Specification

Model	Unit	Parameters
Operating weight(with dozer blade)	Kg	16760
Bucket capacity	m³	0.52

Engine		
Engine Model	/	Cummins B4.5
Direct injection	/	√
Four strokes	/	√
Water cooling	/	√
Turbo-charging	/	√
Air to air intercooler	/	√
No. of cylinders	/	4
Rated power/speed	kw/rpm	90/2200
Maximum torque/speed	N.m	500/1500
Displacement	L	4.5

Main performance		
Travel speed（H/L)	km/h	4.8/2.9
Rotating speed	r/min	11.3
Gradeability	°	≤35
Ground pressure	kPa	49.8
Bucket digging force	kN	70.4
Arm digging force	kN	74.5
Maximum tractive force	kN	122

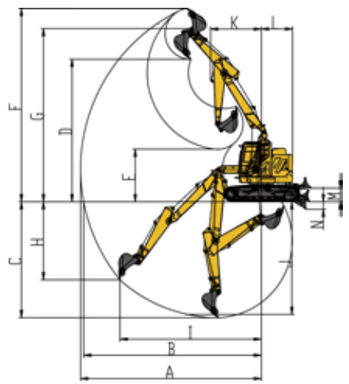
Hydraulic System		
Main pump	/	2
Rated flow of main pump	L/min	2×113.4
Main safety valve pressure	MPa	34.3/37
Travel system pressure	MPa	34.4
Swing system pressure	MPa	25
Pilot system pressure	MPa	3.9

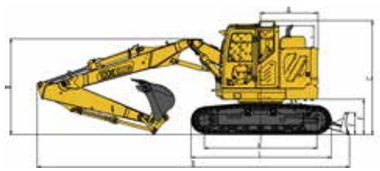
Oil Capacity	Unit	Parameters
Fuel tank capacity	L	200
Hydraulic tank capacity	L	90
Engine oil capacity	L	11

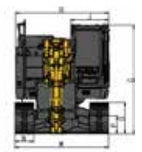
Apperance size			
A	Overall length	mm	8051
B	Overall width	mm	2571
C	Overall height	mm	3070
D	Width of platform	mm	2490
E	Track length	mm	3730
F	Total width of chassis	mm	2490
G	Track shoe width	mm	500
H	Wheel base of crawler	mm	3010
I	Track gauge	mm	1990
J	Counterweight clearance	mm	952
K	Min. ground clearance	mm	482
L	Min. tail swing radius	mm	1530
M	Track height	mm	835

Working range			
A	Max. digging height	mm	9530
B	Max. dumping height	mm	7060
C	Max. digging depth	mm	5717
D	Maximum depth cut for 2240mm(8 ft) level bottom	mm	5324
E	Max. vertical wall digging depth	mm	3849
F	Max. digging radius	mm	8730
G	Min. swing radius	mm	2475

Worker			
Standard	Length of first boom	mm	1850
	Length of second boom	mm	3500
	Length of arm	mm	2520
Optional	Bucket capacity	m³	0.52
	Length of boom	mm	--
	Length of arm	mm	--
	Bucket capacity	m³	0.52（Rock bucket） 0.52/0.6（Strengthened bucket） 0.32/0.4/0.6/0.7（Earthwork bucket）







CRAWLER EXCAVATOR

Euro Stage V

XE300E/EN

Brief product introduction

1.Advanced XCMG Excavator Intelligent control system(XEICS).

2.Different boom, arm sizes and other configurations are available to carry out any tasks.

3.All machine interfaces are ergonomically designed for optimum control and efficiency, resulting in increased productivity and workplace wellbeing.

4.High pressure common-rail electronic injection engine with low speed and large torque, improve combustion efficiency, more energy-saving and environmentally friendly.

5.Heavy-duty reinforced undercarrige structure and working equipment ensure the stability & powerful digging force.

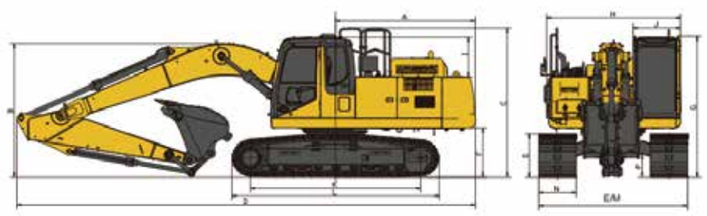
Main Specification

Model	Unit	Parameters
Operating weight	Kg	32500
Bucket capacity	m³	1.4
Engine		
Model	/	Cummins B6.7
Direct injection	/	√
Four strokes	/	√
Water cooling	/	√
Turbo-charging	/	√
Air to air intercooler	/	√
No. of cylinders	/	6
Rated power/speed	kw/rpm	173/1800
Maximum torque/speed	N.m	949/1500
Displacement	L	6.7
Main performance		
Travel speed（H/L)	km/h	5.1/2.9
Swing speed	r/min	9.8
Gradeability	°	≤35
Ground pressure	kPa	60.87
Bucket digging force	kN	198
Arm digging force	kN	138
Maximum tractive force	kN	252
Hydraulic System		
Main pump	/	Two piston pumps
Rated flow of main pump	L/min	2×266
Main safety valve pressure	MPa	34.3/37
Travel system pressure	MPa	34.3
Swing system pressure	MPa	30
Pilot system pressure	MPa	3.9
Oil Capacity		
Fuel tank capacity	L	500
Hydraulic tank capacity	L	270
Engine oil capacity	L	24

Apperance size		Unit	Parameters
A	Overall length	mm	10645
B	Overall width	mm	3190/2995
C	Overall height	mm	3640
D	Width of platform	mm	2950
E	Track length	mm	4944
F	Total width of chassis	mm	3190/2990
G	Track shoe width	mm	600
H	Wheel base of crawler	mm	4028
I	Track gauge	mm	2590/2390
J	Counterweight clearance	mm	1198
K	Min. ground clearance	mm	538
L	Min. tail swing radius	mm	3200
M	Track height	mm	1084

Working scope			
A	Max. digging height	mm	10265
B	Max. dumping height	mm	10146
C	Max. digging depth	mm	7200
D	Maximum depth cut for 2240mm(8 ft) level bottom	mm	-
E	Max. vertical wall digging depth	mm	6575
F	Max. digging radius	mm	10665
G	Min. swing radius	mm	3076

Worker			
Standard	Length of boom	mm	6200
	Length of arm	mm	3110
	Bucket capacity	m³	1.4



CRAWLER EXCAVATOR

Euro Stage V

XE380E/EN

Brief product introduction

1.High pressure common-rail electronic injection engine with low speed and large torque, improve combustion efficiency, more energy-saving and environment friendly.

2.Advanced XCMG Excavator Intelligent control system(XEICS).

3.Cab with ROPS meets anti-falling requirements and improve cab safety. Luxurious interiors cab with low noise & vibration levels.

4.Reinforced equipment ensure most powerful digging force.

5.Maintenance is faster and convenient. Maintenance period of engine filter element has been extended.

Main Specification

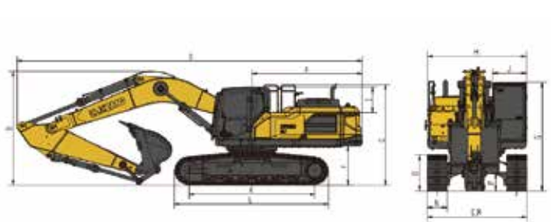
Model	Unit	Parameters
Operating weight(with dozer blade)	Kg	38000
Bucket capacity	m³	1.7
Engine		
Engine Model	/	Cummins L9
Direct injection	/	√
Four strokes	/	√
Water cooling	/	√
Turbo-charging	/	√
Air to air intercooler	/	√
No. of cylinders	/	6
Rated power/speed	kw/rpm	252/1800
Maximum torque/speed	N.m	1526/1400
Displacement	L	8.9
Main performance		
Travel speed（H/L)	km/h	5.4/3.2
Rotating speed	r/min	9.4
Gradeability	°	≤35
Ground pressure	kPa	68
Bucket digging force	kN	286
Arm digging force	kN	187
Maximum tractive force	kN	299
Hydraulic System		
Main pump	/	Two piston pumps
Rated flow of main pump	L/min	2×324
Main safety valve pressure	MPa	34.3/37
Travel system pressure	MPa	34.3
Swing system pressure	MPa	26.5
Pilot system pressure	MPa	3.9

Oil Capacity	Unit	Parameters
Fuel tank capacity	L	540
Hydraulic tank capacity	L	320
Engine oil capacity	L	30

Apperance size		Unit	Parameters
A	Overall length	mm	11335
B	Overall width	mm	3190/2990
C	Overall height	mm	3724
D	Width of platform	mm	2970
E	Track length	mm	5067
F	Total width of chassis	mm	3190/2990
G	Track shoe width	mm	600
H	Wheel base of crawler	mm	4138
I	Track gauge	mm	2590/2390
J	Counterweight clearance	mm	1282
K	Min. ground clearance	mm	551/538
L	Min. tail swing radius	mm	3600
M	Track height	mm	1086

Working range			
A	Max. digging height	mm	10630
B	Max. dumping height	mm	7452
C	Max. digging depth	mm	7423
D	Maximum depth cut for 2240mm(8 ft) level bottom	mm	7266
E	Max. vertical wall digging depth	mm	5018
F	Max. digging radius	mm	11244
G	Min. swing radius	mm	4456

Worker			
Standard	Length of boom	mm	6400
	Length of arm	mm	3200
	Bucket capacity	m³	1.7
Optional	Length of boom	mm	6200
	Length of arm	mm	2900/2670
	Bucket capacity	m³	1.9 (HD bucket) 1.9 (Reinforced bucket) 2.3 (General purpose bucket)



EARTHMOVING MACHINERY

02

XCMG

XUZHOU CONSTRUCTION MACHINERY GROUP IMP. & EXP. CO., LTD

PRODUCT FOR EUROPE

MEDIUM-SIZED LOADER

Euro Stage III

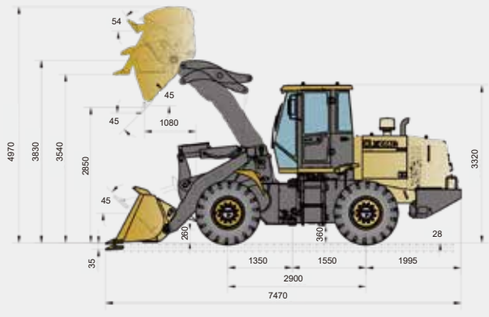
ZL30G

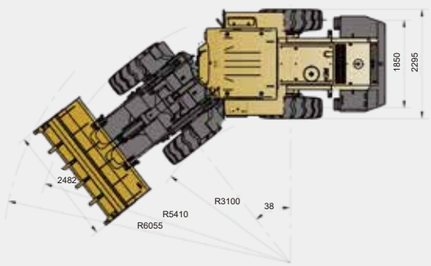
Brief product introduction

The ZL30G wheel loader features higher quality reliability, higher operating economy, higher operating comfort, more convenient maintenances, high energy-saving and efficiency, and high cost-performance, with the overall performance remarkably improved and the machine vibration and noise significantly reduced.

Main Specification

Description		Unit	Specification
Rated bucket capacity		m^3	1.8
Rated load capacity		kg	3000
Operating mass		kg	11200±200
Dumping height		mm	2930
Dumping reach		mm	1010
Wheelbase		mm	2900
Wheel tread		mm	1850
Overall length		mm	7450
Overall height		mm	3320
Bucket width		mm	2550
Maximum breakout force		kN	130
Maximum traction force		kN	100
Minimum turning radius (tire center)		s	5170
Lifting time of boom		s	5
Total cycling time		◦	8.8
Engine	Model	◦	SC7H130G3
	Rated power	kW	97
	Rated speed	r/min	2200
Tire specification			17.5-25-12PR
Maximum traveling speed	1st F/R gear	km/h	6.5
	2nd F/R gear	km/h	11.5
	3nd F/R gear	km/h	25
	4nd F/-- gear	km/h	36





MEDIUM-SIZED LOADER

Euro Stage III

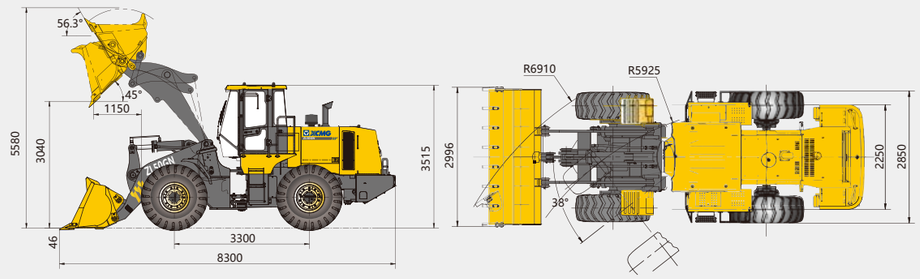
ZL50G

Brief product introduction

ZL50G is the representative type of the third generation loader of XCMG ,which was awarded "China Famous Brand Product" by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China. The ZL50G wheel loader features higher quality reliability, higher operating economy, higher operating comfort, more convenient maintenances, high energy-saving and efficiency, and high cost-performance, with the overall performance remarkably improved and the machine vibration and noise significantly reduced.

Main Specification

Description		Unit	Specification
Rated bucket capacity		m^3	3.0
Rated load capacity		kg	5000
Operating mass		kg	17500
Dumping height		mm	3100
Dumping reach		mm	1130
Wheelbase		mm	3300
Wheel tread		mm	2250
Overall length		mm	8300
Overall height		mm	3515
Bucket width		mm	2996
Maximum breakout force		kN	170±5
Maximum traction force		kN	145±5
Minimum turning radius (tire center)		s	5925
Lifting time of boom		s	≤5.5
Total cycling time		◦	≤11
Engine	Model	°	SC8DK220G3
	Rated power	kW	162
	Rated speed	r/min	2200
Tire specification			23.5-25(Standard）/ 23.5R25(Optional）
Maximum traveling speed	1st F/R gear	km/h	6.5/6.5
	2nd F/R gear	km/h	11/11
	3nd F/R gear	km/h	24/24
	4nd F/-- gear	km/h	38/--



MEDIUM-SIZED LOADER

Euro Stage V

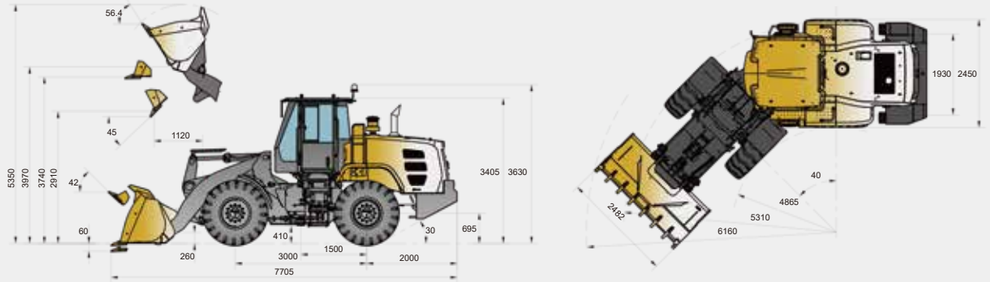
XC938E

Brief product introduction

XC938 Wheel Loader is a new generation of high-end models built by XCMG, which is especially suitable for heavy load conditions. This product fully adopts foreign advanced design and manufacturing technology, and is developed and designed through extensive market and technical research, which is closer to the market. With superb performance, streamline appearance characteristics, in the reliability, safety, comfort and maintenance and other aspects of the previous generation of products have been greatly improved.

Main Specification

Item		Unit	Parameters
Rated bucket capacity		m^3	1.9
Rated working load		kg	3500
Operating weight		kg	13500
Dumping height		mm	2910
Dumping reach		mm	1120
Wheelbase		mm	3000
Track		mm	1930
Minimum ground clearance		mm	410
Overall length		mm	7705
Overall height		mm	3405
Bucket width		mm	2482
Maximum breakout force		kN	130
Maximum traction force		kN	95
Turning radius (Center of Tire)		mm	5086
Boom lifting time		s	4.5
total cycle time		s	9.2
Engine	Model		B6.7
	Rated power	KW	99
	declared rotating speed	r/min	2200
Tyre			20.5R25
Drive Speed/Km/h	Forward/Reverse 1	Km/h	8/8
	Forward/Reverse 2	Km/h	15/15
	Forward/Reverse 3	Km/h	27/27
	Forward4	Km/h	40



MEDIUM-SIZED LOADER

Euro Stage V

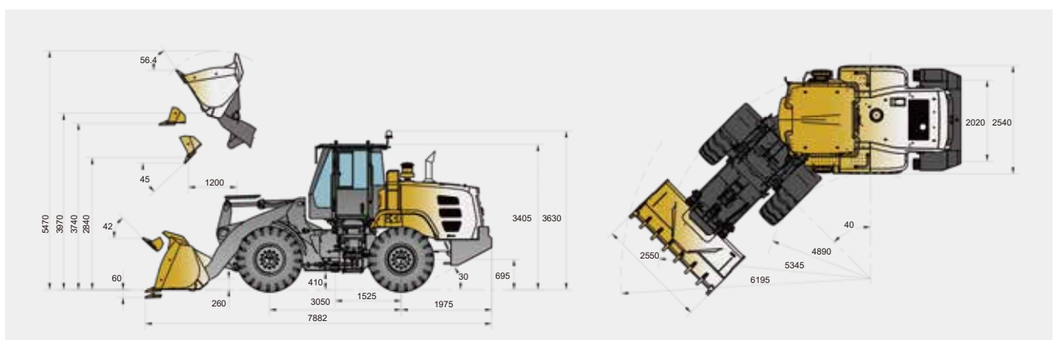
XC948E

Brief product introduction

The state-of-the-art XC948 wheel loader developed and designed by XCMG after extensive market and technical research while absorbing and introducing foreign advanced design and manufacturing technology. With superb performance, streamline appearance characteristics, reliability, safety, comfort, maintenance, and other aspects of the previous generation of products have been greatly improved.

Main Specification

Item		Unit	Parameters
Rated bucket capacity		m^3	2.4
Rated working load		kg	4500
Operating weight		kg	16500
Dumping height		mm	2840
Dumping reach		mm	1200
Wheelbase		mm	3050
Track		mm	2020
Minimum ground clearance		mm	410
Overall length		mm	7882
Overall height		mm	3405
Bucket width		mm	2550
Maximum breakout force		kN	140
Maximum traction force		kN	135
Turning radius (Center of Tire)		mm	5200
Boom lifting time		s	5.2
total cycle time		s	10.2
Engine	Model		B6.7
	Rated power	KW	149
	declared rotating speed	r/min	2200
Tyre			20.5R25
Drive Speed/Km/h	Forward/Reverse 1	Km/h	7/7
	Forward/Reverse 2	Km/h	13/13
	Forward/Reverse 3	Km/h	24/24
	Forward4	Km/h	38



MEDIUM-SIZED LOADER

Euro Stage V

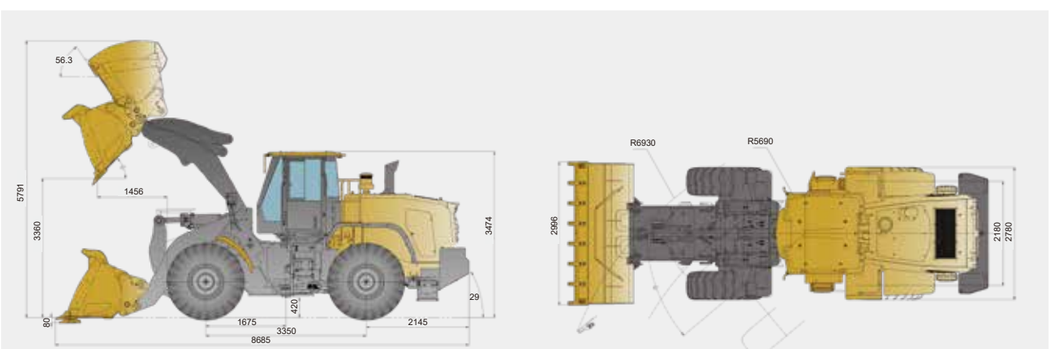
XC958E

Brief product introduction

The XC958 wheel loader is the leading model of the new generation XC9 series loader developed by XCMG Construction Machinery Co., Ltd., while absorbing and introducing foreign advanced design and manufacturing technology, it is developed and designed after extensive market and technical research. This new type of loader has the characteristics of super performance and streamlined appearance.

Main Specification

Item		Unit	Parameters
Rated bucket capacity		m^3	3.5/3.2
Rated working load		kg	5500
Operating weight		kg	17650/17600
Dumping height		mm	3060/3360
Dumping reach		mm	1240/1175
Wheelbase		mm	3350
Track		mm	2180
Minimum ground clearance		mm	420
Overall length		mm	8335/8685
Overall height		mm	2850
Bucket width		mm	3200/2996
Maximum breakout force		kN	165/149
Maximum traction force		kN	170
Turning radius (Center of Tire)		mm	5695
Boom lifting time		s	5.7
total cycle time		s	10.4
Engine	Model		B6.7
	Rated power	KW	168
	declared rotating speed	r/min	2200
Tyre			23.5R25
Drive Speed/Km/h	Forward/Reverse 1	Km/h	6.5/6.5
	Forward/Reverse 2	Km/h	11/11
	Forward/Reverse 3	Km/h	24/24
	Forward4	Km/h	38



MEDIUM-SIZED LOADER

Euro Stage V

XC968E

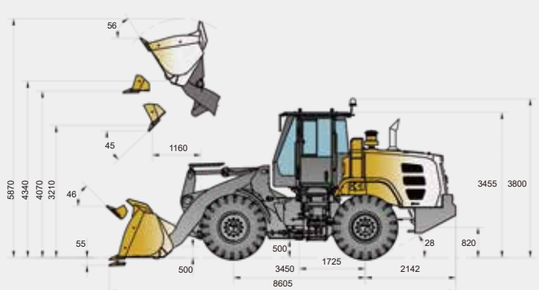
Coming in October 2021

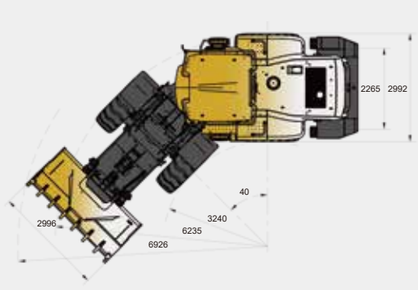
Brief product introduction

XC968E loader is the Euro V stage product developed by XCMG.The machine is equipped with imported Cummins electronic control high pressure common rail supercharged engine;Steering system adopts articulated frame, full hydraulic steering;The working device adopts a single rocker arm to reverse the "Z" shape six-bar mechanism. Various working devices (standard arm, high unloading arm) and auxiliary devices (bucket, fork, etc.) can be selected.

Main Specification

Item		Unit	Parameters
Rated bucket capacity		m^3	3.5
Rated working load		kg	6000
Operating weight		kg	21300
Dumping height		mm	3210
Dumping reach		mm	1160
Wheelbase		mm	3450
Track		mm	2265
Minimum ground clearance		mm	500
Overall length		mm	8605
Overall height		mm	3455
Bucket width		mm	2996
Maximum breakout force		kN	219
Maximum traction force		kN	176
Turning radius (Center of Tire)		mm	3240
Boom lifting time		s	≤5.5
total cycle time		s	≤10.9
Engine	Model		L9(Stage V)
	Rated power	KW	224
	declared rotating speed	r/min	2100
Tyre			26.5R25 L3
Drive Speed/Km/h	Forward/Reverse 1	Km/h	7.1/7.5
	Forward/Reverse 2	Km/h	13.7/14.5
	Forward/Reverse 3	Km/h	25.6/26.8
	Forward4	Km/h	40





LARGE-TONNAGE LOADER

Euro Stage V

XC998

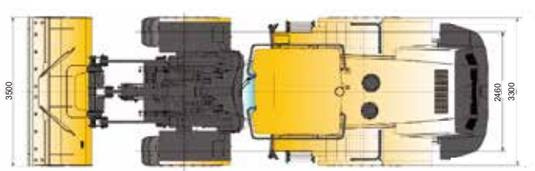
Coming in December 2021

Brief product introduction

The XC998 wheel loader is a new generation of high-end models built by XCMG, especially suitable for heavy-duty conditions. The product fully adopts foreign advanced design and manufacturing technology, and is developed and designed after extensive market and technical research, which is closer to the market. It has the characteristics of super performance and streamlined appearance, and has greatly improved reliability, safety, comfort, maintenance and other aspects compared with the previous generation products.

Main Specification

Item		Unit	Parameters
Rated bucket capacity		m^3	5.4
Rated working load		kg	9000
Operating weight		kg	30500
Dumping height		mm	3260
Dumping reach		mm	1400
Wheelbase		mm	3700
Track		mm	2460
Minimum ground clearance		mm	510
Overall length		mm	9400
Overall height		mm	3730
Bucket width		mm	3500
Maximum breakout force		kN	≥260
Maximum traction force		kN	≥265
Turning radius (Center of Tire)		mm	≤6610
Boom lifting time		s	≤6.8
total cycle time		s	≤12
Engine	Model		X12
	Rated power	KW	261
	declared rotating speed	r/min	2100
Tyre			29.5R25
Drive Speed/Km/h	Forward/Reverse 1	Km/h	6.5/6.5
	Forward/Reverse 2	Km/h	11.5/11.5
	Forward/Reverse 3	Km/h	24.5/24.5
	Forward4	Km/h	35



TELESCOPIC FORKLIFT LOADER

Euro Stage V

XC6-2506E

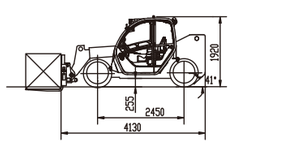
Coming in October 2021

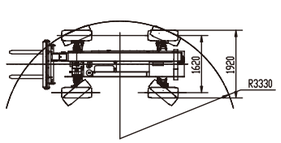
Brief product introduction

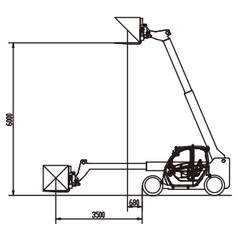
XC6-2506E telescopic forklift loader is a light-weight compact electric telescopic forklift product independently developed and designed by XCMG to break into the European and American high-end markets. In combination with the electrification trend of engineering machinery throughout the world, it integrates the mature domestic electric drive technologies and the cost advantage of core components. With compact structure, flexible operation, sensitive action, zero emission and low noise, this product is applicable to the operation in places having relatively high requirements on pollutant emission and noise, such as enclosed space, livestock shed, vegetable processing plant, hospital, school or downtown area.

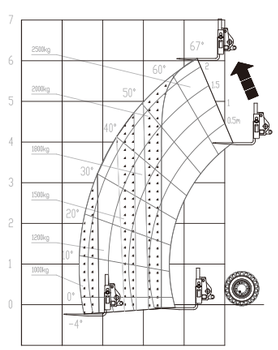
Main Specification

Item	Unit	Parameters
Rated operating load	kg	2500
Operating mass	kg	5360
Maximum lifting height (to upper plane of fork)	mm	6000
Effective load at the maximum lifting height	kg	2500
Maximum reach distance (arm level, load center to front end of tire)	mm	3450
Effective load at the maximum reach distance	kg	1000
Load center distance	mm	500
Maximum traction	kN	≥24.5
Braking distance	m	≤5.6
Minimum ground clearance (frame)	mm	255
Wheelbase	mm	2450
Tread	mm	1620
Minimum turning radius (outer side of tire)	mm	≤3330
Work device	Luffing time (rising)s	≤9.5
	Luffing time (falling)s	≤4.2
	Second arm stretching-out time s	≤8.2
	Second arm retracting time s	≤4.3
	Fork arm carrier forward tiling time s	≤3.5
	Fork arm carrier backward tiling time s	≤2.6
Telescopic arm luffing angle	°	-4～67
Range of inclination angle of fork arm carrier (arm level)	°	-12°～114°
Maximum speed	km/h	15.5
Battery	Type	Lithium battery
	Voltage(V)	80
	Capacity（Ah）	412
Tire specification	-	12-16.5
Overall dimension of complete machine	mm	Length 4100 × width 1920 × height 1920









SKID LOADER

Euro Stage V

XC7-SV12

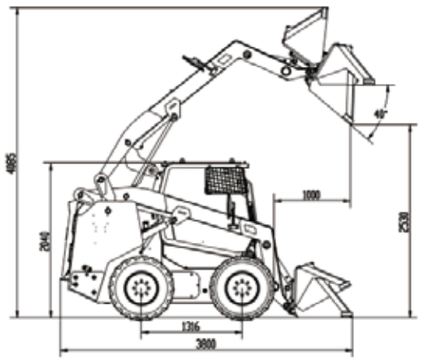
Coming in December 2021

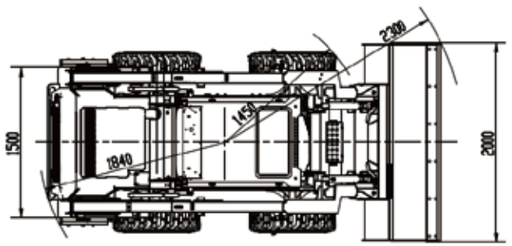
Brief product introduction

As the first new product of skid loaders, XC7-SV12 is configured with updated technology and performance oriented toward the North American market ,which is the optimal choice for multiple conditions including road construction/maintenance/cleaning, snow removal, building engineering construction, forestry, landscape architecture, agriculture, slop finishing/ leveling, and elevation/transportation, etc.

Main Specification

Item	Unit	Parameters
Rated load	kg	1260
Bucket capacity	m³	0.6
Operating mass	kg	3950
Rated power of the engine	kW	53.7
Rated speed of the engine	r/min	2500
Dumping height	mm	2530
Dumpig range	mm	1000
Wheelbase	mm	1316
Wheel tread	mm	1500
Maximum breakout force	kN	≥33
Maximum traction force	kN	≥36
Total cycle time	s	≤11
Speed	km/h	11/21





BACKHOE LOADER

Euro Stage V

XC8-S2570

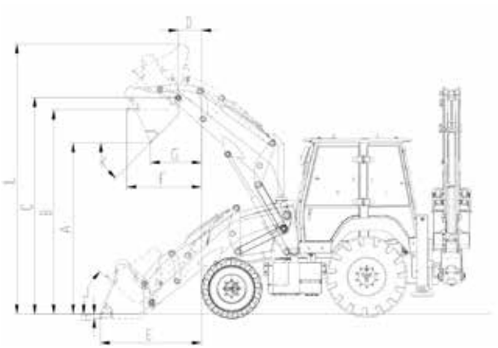
Coming in October 2021

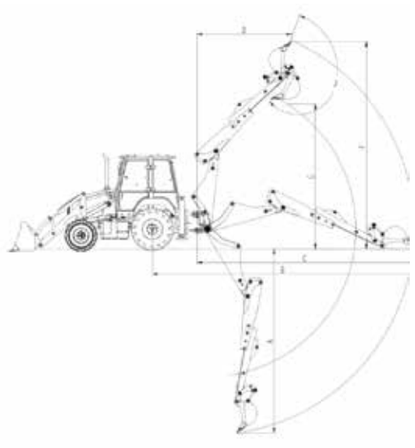
Brief product introduction

In accordance with the deep understanding of customer demands and based on the international research and development platform of XCMG， the XC8-S2570 back hoe loader is the product with an all-new design featuring higher reliability environmental adaptability,safety,maintainability,controlability,and operating economy.

Main Specification

Item	Unit	Parameters
Rated power and speed of the engine	kW/(r/min)	74.5/2200
Overall length	mm	5915
Overall width	mm	2508
Overall height	mm	3682
Operating weight	kg	8600
Max. driving speed	km/h	38
Max. gradeability	°	≥20
Turning radius	mm	4400
Wheelbase	mm	2180
Maximum traction force	kN	≥70
Rated capacity of the bucket	m³	1.0
Rated operating load	kg	2500
Maximum breakout force	kN	66
Maximum dumping height	mm	2827
Max. unloading distance	mm	864
System pressure	MPa	24
Rated capacity of backhoe bucket	m³	0.2
Maximum digging radius	mm	7004
Maximum digging depth	mm	5619
Maximum breakout force	kN	63
System pressure	MPa	24





MINI LOADER

Euro Stage V

XC918-EV

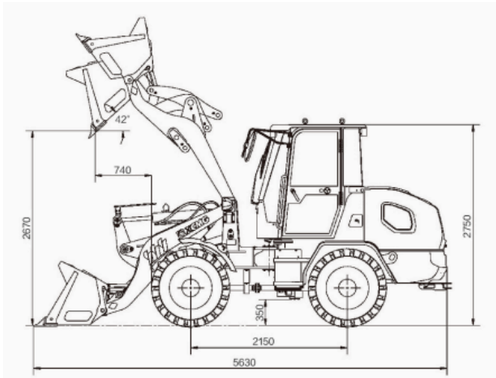
Coming in December 2021

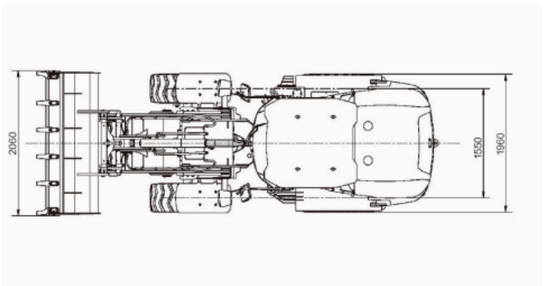
Brief product introduction

The XCMG XC918-EV wheel loader, as the leading mini loader with environmental protection and the pioneer of sustainable development for machine-human-environment, features zero-emission with quiet, clean, comfortable,accessible,efficient,economical,flexible,and safe operation as well as the optional tools i.e. the pallet forks and gripers,etc.for multiple industrial applications including animal husbandry agriculture,forestry and urban construction,etc.

Main Specification

Item	Unit	Parameters
Rated load	kg	1800
Bucket capacity	m³	1.0
Operating mass	kg	6700
Rated power of the motor	kW	64
Dumping height	mm	2670
Dumping range	mm	740
Minimum ground Clearance	mm	350
Dumping angle	°	42
Wheelbase	mm	2150
Wheel tread	mm	1550
Maximum breakout force	kN	60.5
Total cycle time	s	9.7
Minimum turning radius(tire center)	m	3.7
Tire spesification	-	16/70-20
Steering angle	°	±40
Oscillation angle	°	10
Overall machine dimensions	mm	5630*2060*2750
Traveling speed	km/h	0-20
Battery voltage	v	579.6
Battery capacity	Ah	173
Charging time	h	1





ROAD BUILDING MACHINERY

03

XCMG

XUZHOU CONSTRUCTION MACHINERY GROUP IMP. & EXP. CO., LTD.

XCMG PRODUCT FOR EUROPE

SINGLE DRUM VIBRATORY ROLLER

EPA Tier4F

CV83U

Brief product introduction

CV83U vibratory road roller is a medium-duty self-propelled fully-hydraulic single-drum vibratory road roller developed especially for North American market. This product meets the U.S. Tier-4F emission regulation. Featuring high exciting force, high compacting efficiency, and good compacting quality, it's extensively applied for compacting the base and sub-base layers and rock landfills in highways, railways, airports, ports, dams, and industrial construction sites.

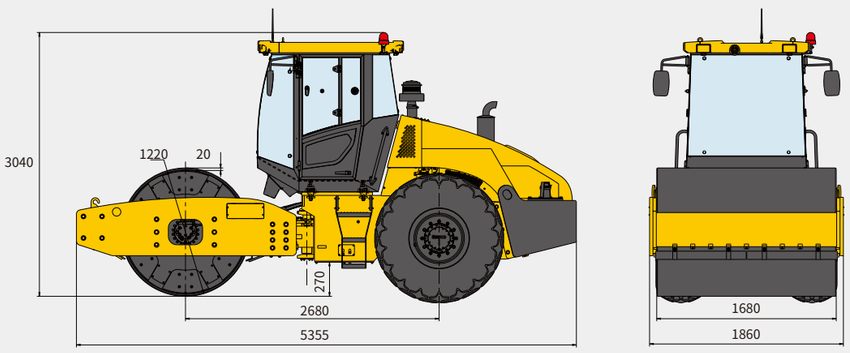
Main Specification

Masses	Unit	CV83U (Smooth drum)	CV83PDU (Padfoot drum)
Operating weight	kg	8000	8430
Front wheel mass distribution	kg	3800	4230
Rear wheel mass distribution	kg	4200	4200
Static linear load	N/cm	221.7	_

Mobility performances			
Working speed	Km/h	0～5/0～11	0～5/0～11
Theoretical gradeability	%	50%	50%
Minimum Turning Radius(Inner/Outer)	mm	4000/5860	4000/5860
Minimum ground clearance	mm	270	330
Wheelbase	mm	2680	2680
Steering angle	°	±33	±33
Oscillation angle	°	±10	±10
Braking distance	m	3.9	3.9

Compacting parameters	Unit	CV83U (Smooth drum)	CV83PDU (Padfoot drum)
Vibration frequency	Hz	30/35	30/35
Nominal amplitude	mm	1.8/0.9	1.5/0.75
Exciting Force (HF/LF)	kN	125/85	125/85
Diameter of compacting drums	mm	1220	1220
Working width	mm	1680	1680

Engine			
Model	-	QSF3.8	QSF3.8
Rated power	kW	75	75
Rated speed	r/min	2200	2200



SINGLE DRUM VIBRATORY ROLLER

Euro Stage V

XS115

Brief product introduction

XS115/XS115PD is a heavy-type, self-propelled, full hydraulic double drive single drum vibratory roller which is special designed for European market. This product fulfills the requirements of the European Stage V emission standards. Featuring large exciting force, high compaction efficiency and good compaction quality, it is widely used in compaction work on base layer, sub-base layer and rock fill for roads, railways, airports, harbors, dams and industrial construction sites.

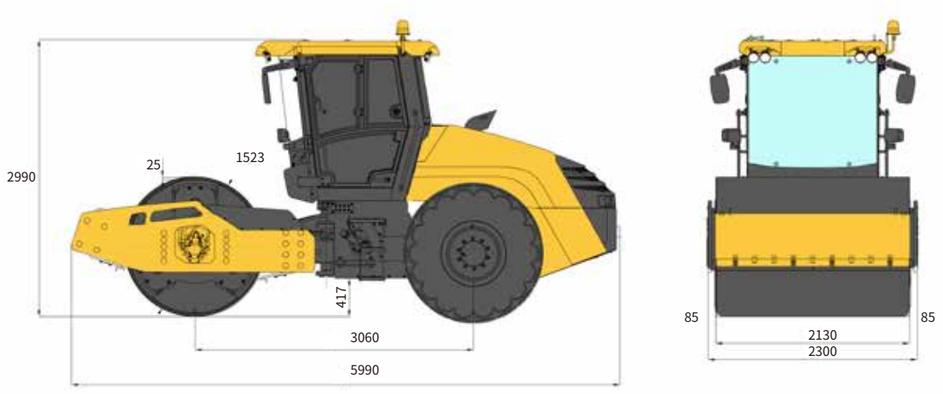
Main Specification

Weights	Unit	XS115 (Light Wheel)	XS115PD (Welded Convex Wheel)	XS115PD Ⅱ (Assembled Convex Wheel)
Maximum operating weight	kg	11400	12770	12250
Operating weight	kg	11000	12370	11850
Front axle weight	kg	6400	7770	7250
Rear axle weight	kg	4600	4600	4600
Static linear load	N/cm	29.5	-	-

Maneuverability				
Operating speed	km/h	0-11.00	0-11.85	0-11.85
Theoretical gradeability	%	60%	45%	45%
Minimum turning radius(intern)	mm	3766	3766	3766
Ground clearance	mm	417	523	523
Wheel base	mm	3060	3060	3060
Steering angle	°	35	35	35
Oscillation angle	°	10	10	10
Braking distance	m	3.9	3.9	3.9

Compaction	Unit	XS115 (Light Wheel)	XS115PD (Welded Convex Wheel)	XS115PD Ⅱ (Assembled Convex Wheel)
Vibration frequency	Hz	30/35	30/35	30/35
Nominal amplitude	mm	2.0/1.0	1.6/0.8	1.6/0.8
Exciting force (High/low frequency)	kN	252/181	252/181	252/181
Drum diameter	mm	1523	1735	1723
Drum width	mm	2130	2130	2130

Engine				
Model	-	F3.8	F3.8	F3.8
Rated power	kW	115	115	115
Rated speed	r/min	2200	2200	2200



SINGLE DRUM VIBRATORY ROLLE

Euro Stage V

XS125

Brief product introduction

XS125/XS125PD is a heavy-type, self-propelled, full hydraulic double drive single drum vibratory roller which is special designed for European market. This product fulfills the requirements of the European Stage V emission standards. Featuring large exciting force, high compaction efficiency and good compaction quality, it is widely used in compaction work on base layer, sub-base layer and rock fill for roads, railways, airports, harbors, dams and industrial construction sites.

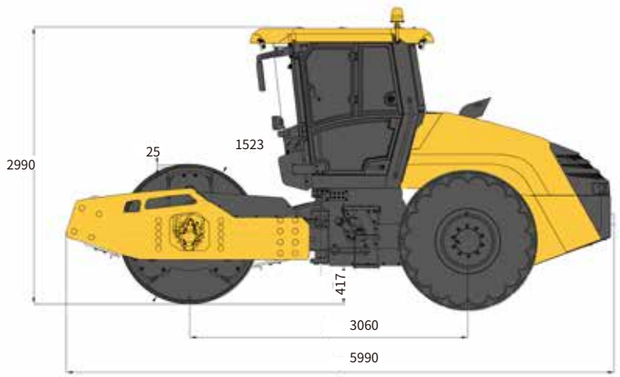
Main Specification

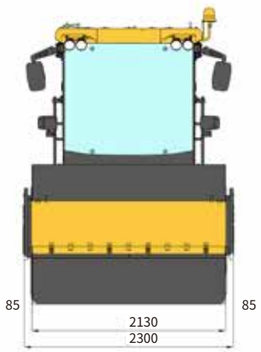
Weights	Unit	XS125 (Smooth drum)	XS125PD (Welded padfoot drum)	XS125PD Ⅱ (Padfoot shell)
Maximum operating weight	kg	12400	13250	13770
Operating weight	kg	12000	12850	13370
Front axle weight	kg	7300	8670	8150
Rear axle weight	kg	4700	4700	4700
Static linear load	N/cm	336	-	-

Maneuverability				
Operating speed	km/h	0-11.00	0-11.85	0-11.85
Theoretical gradeability	%	60%	45%	45%
Minimum turning radius(intern)	mm	3766	3766	3766
Ground clearance	mm	417	523	523
Wheel base	mm	3060	3060	3060
Steering angle	°	35	35	35
Oscillation angle	°	10	10	10
Braking distance	m	3.9	3.9	3.9

Compaction	Unit	XS125 (Smooth drum)	XS125PD (Welded padfoot drum)	XS125PD Ⅱ (Padfoot shell)
Vibration frequency	Hz	30/35	30/35	30/35
Nominal amplitude	mm	2.0/1.0	1.6/0.8	1.6/0.8
Exciting force (High/low frequency)	kN	252/181	252/181	252/181
Drum diameter	mm	1523	1723	1735
Drum width	mm	2130	2130	2130

Engine				
Model	-	F3.8	F3.8	F3.8
Rated power	kW	115	115	115
Rated speed	r/min	2200	2200	2200





SINGLE DRUM VIBRATORY ROLLER

Euro Stage Ⅲ

XS133

Brief product introduction

XS133 is a kind of middle-end self-propelled, full hydraulic single drum vibratory roller developed for the specific overseas market. Featuring large exciting force, high compaction efficiency and good compaction quality, it is widely used in compaction work on base layer, sub-base layer and rock fill for roads, railways, airports, harbors, dams and industrial construction sites. This product is highly recognized by turkey market in aspects of performance, reliability and adaptability.

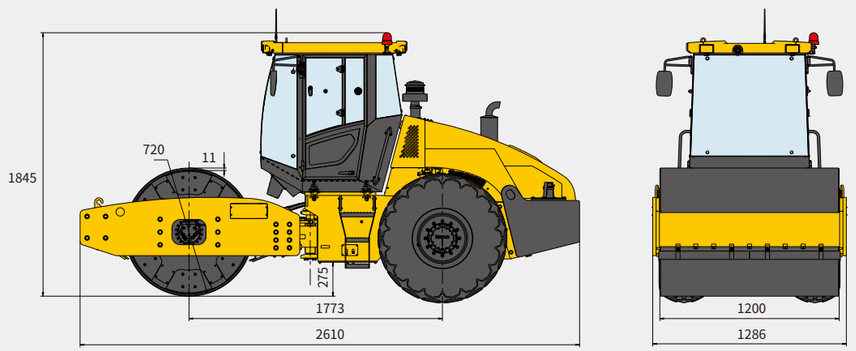
Main Specification

Weights	Unit	Parameters
Operating weight	kg	13000
Front axle weight	kg	7500
Rear axle weight	kg	5500
Static linear load	N/cm	345

Maneuverability		
Operating speed	km/h	0～5.5; 0～10.8
Theoretical gradeability	%	45%
Minimum turning radius(intern/extern)	mm	4500/6800
Ground clearance	mm	404
Wheel base	mm	3010
Steering angle	°	±30
Oscillation angle	°	±10
Braking distance	m	3.9

Compaction	Unit	Parameters
Vibration frequency	Hz	30/35
Nominal amplitude	mm	1.8/0.9
Exciting force (High frequency/low frequency)	kN	290/195
Drum diameter	mm	1523
Drum width	mm	2130

Engine		
Model	-	QSF3.8
Type	-	Water-cooled
Rated power	kW	104
Rated speed	r/min	2200



SINGLE DRUM VIBRATORY ROLLER

Euro Stage V

XS135

Brief product introduction

XS135/XS135PD is a heavy-type, self-propelled, full hydraulic double drive single drum vibratory roller which is special designed for European market. This product fulfills the requirements of the European Stage V emission standards. Featuring large exciting force, high compaction efficiency and good compaction quality, it is widely used in compaction work on base layer, sub-base layer and rock fill for roads, railways, airports, harbors, dams and industrial construction sites.

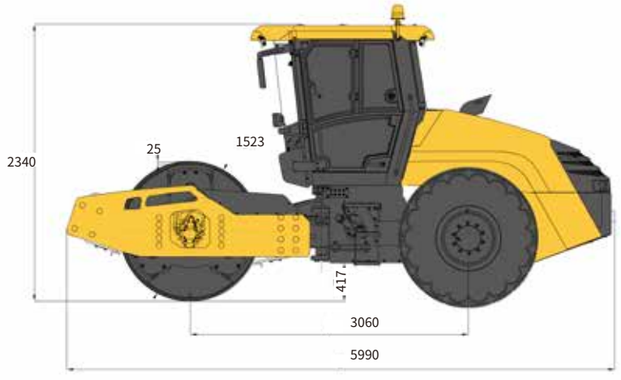
Main Specification

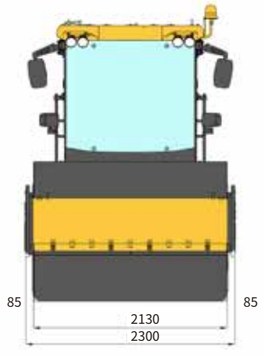
Weights	Unit	XS135 (Smooth drum)	XS135PD (Welded padfoot drum)	XS135PD Ⅱ (Padfoot shell)
Maximum operating weight	kg	13400	14252	14770
Operating weight	kg	13000	13850	14370
Front axle weight	kg	8300	9150	9670
Rear axle weight	kg	4700	4700	4700
Static linear load	N/cm	382	-	

Maneuverability				
Operating speed	km/h	0--11.00	0--11.85	0--11.85
Theoretical gradeability	%	60%	45%	45%
Minimum turning radius(intern)	mm	3766	3766	3766
Ground clearance	mm	417	523	523
Wheel base	mm	3060	3060	3060
Steering angle	°	35	35	35
Oscillation angle	°	10	10	10
Braking distance	m	3.9	3.9	3.9

Compaction	Unit	XS135 (Smooth drum)	XS135PD (Welded padfoot drum)	XS135PD Ⅱ (Padfoot shell)
Vibration frequency	Hz	30/35	30/35	30/35
Nominal amplitude	mm	2.0/1.0	1.6/0.8	1.6/0.8
Exciting force (High/low frequency)	kN	265/192	265/192	265/192
Drum diameter	mm	1523	1723	1735
Drum width	mm	2130	2130	2130

Engine				
Model	-	F3.8	F3.8	F3.8
Type	-	Turbocharger water-cooled electrical control	Turbocharger water-cooled electrical control	Turbocharger water-cooled electrical control
Rated power	kW	115	115	115
Rated speed	r/min	2200	2200	2200





SINGLE DRUM VIBRATORY ROLLER

Euro Stage V&EPA Tire 4F

CV163U

Brief product introduction

CV163U/CV163PDU is a heavy-type, self-propelled, full hydraulic single drive single drum vibratory roller which is special designed for North America market. This product fulfills the requirements of the US Tier4F emission standards. Featuring large exciting force, high compaction efficiency and good compaction quality, it is widely used in compaction work on base layer, sub-base layer and rock fill for roads, railways, airports, harbors, dams and industrial construction sites.

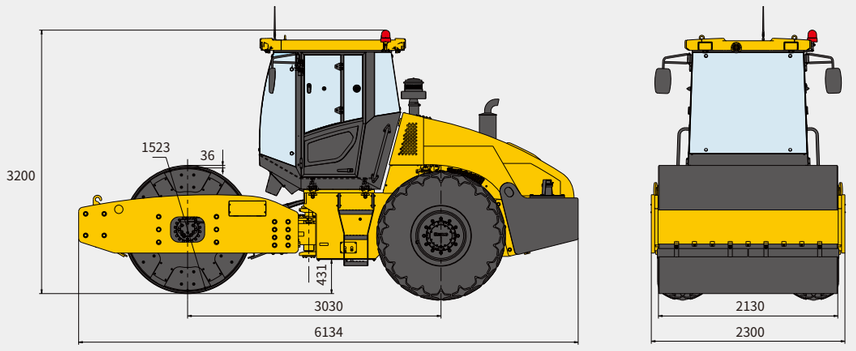
Main Specification

Weights Parameters	Unit	CV163U (Smooth drum)	CV163PDU (Welded padfoot drum)	CV163PD Ⅱ U (Padfoot shell)
Operating weight	kg	16000	16500	17000
Front axle weight	kg	10000	10500	11000
Rear axle weight	kg	6000	6000	6000
Static linear load	N/cm	460	-	-

Propel performance				
Operating speed	km/h	0-5/ 0-11	0-5/0-11	0-5/ 0-11
Theoretical gradeability	%	63%	60%	60%
Minimum turning radius(intern/extern)	mm	4670/6800	4670/6800	4670/6800
Ground clearance	mm	431	510	510
Wheel base	mm	3030	3030	3030
Steering angle	°	±30	±30	±30
Oscillation angle	°	±10	±10	±10
Braking distance	m	3.9	3.9	3.9

Compaction Performance	Unit	CV163U (Smooth drum)	CV163PDU (Welded padfoot drum)	CV163PD Ⅱ U (Padfoot shell)
Vibration frequency	Hz	28/33	28/33	28/33
Nominal amplitude	mm	2.0/1.0	1.8/0.9	1.8/0.9
Exciting force (High/low frequency)	kN	340/236	340/236	340/236
Drum diameter	mm	1523	1511	1511
Drum width	mm	2130	2130	2130

Engine				
Model	-	B4.5	B4.5	B4.5
Rated power	kW	129	129	129
Rated speed	r/min	2200	2200	2200



Euro Stage V

XD100

Brief product introduction

XD100 is a kind of dual-drive dual-vibration vibratory roller special designed for European and American market. It features small amplitude, high frequency vibration, big exciting force as well as separate vibration. It is mainly applicable to compaction work on asphalt top layer of newly built pavement and thinner stable soil pavement, and road maintenance work. With compact structure, high flexibility, small blind area, high operating comfort, it is an ideal compaction equipment for municipal maintenance and highway custody.

Three cylinder water-cooled Kubota engine, suiting ambient temperature of above -10 ℃ and altitude of below 3000 m, in compliance with EPA Tier 4 final and EU Stage Ⅴ emission standards.

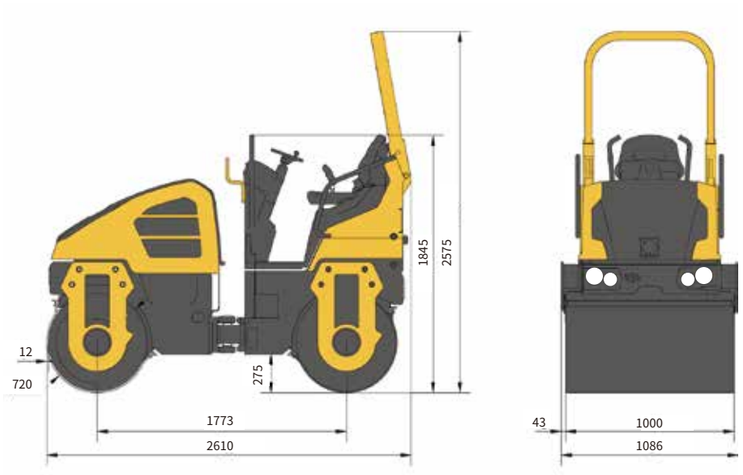
Main Specification

Weights	Unit	Parameters
Operating weight	kg	2650
Front axle weight	kg	1250
Rear axle weight	kg	1400
Static linear load	N/cm	122/137

Maneuverability		
Operating speed	km/h	0～10
Theoretical gradeability	%	30
Minimum turning radius(intern/extern)	mm	2600/3600
Min. ground clearance	mm	275
Wheel base	mm	1773
Oscillation angle	°	±8
Braking distance(smooth cement pavement)	m	<3.4

Compaction	Unit	Parameters
Vibration frequency	Hz	63/67
Nominal amplitude	mm	0.5
Exciting force (High frequency/low frequency)	kN	30/34
Drum diameter	mm	720
Drum width	mm	1000

Engine		
Model	-	KUBOTA D1803-CR-E5B
Type	-	Inline 3-cylinder water-cooled type
Rated power	kW	24.6
Rated speed	r/min	2400



Euro Stage V

XD120

Brief product introduction

XD120 is a kind of dual-drive dual-vibration vibratory roller special designed for European market. It features small amplitude, high frequency vibration, big exciting force as well as separate vibration. It is mainly applicable to compaction work on asphalt top layer of newly built pavement and thinner stable soil pavement, and road maintenance work. With compact structure, high flexibility, small blind area, high operating comfort, it is an ideal compaction equipment for municipal maintenance and highway custody.

Three cylinder water-cooled Kubota engine, suiting ambient temperature of above -10 ℃ and altitude of below 3000 m, in compliance with EPA Tier 4 final and EU Stage Ⅴ emission standards.

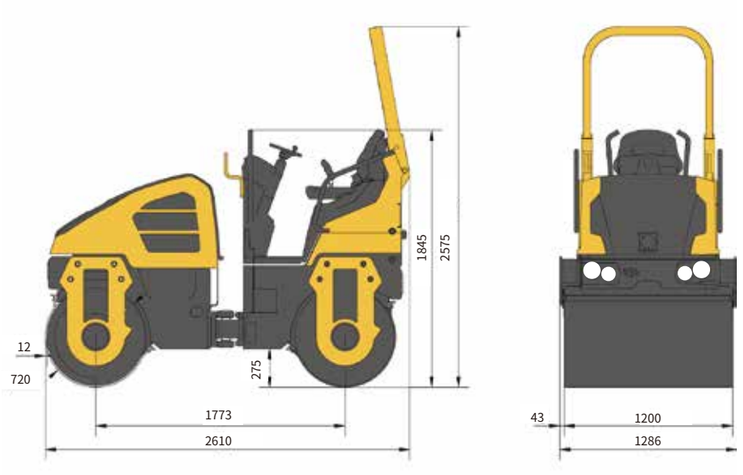
Main Specification

Weights	Unit	Parameters
Operating weight	kg	2850
Front axle weight	kg	1350
Rear axle weight	kg	1500
Static linear load	N/cm	110/122

Maneuverability		
Operating speed	km/h	0～10
Theoretical gradeability	%	30
Minimum turning radius(intern/extern)	mm	2500/3700
Min. ground clearance	mm	275
Wheel base	mm	1773
Oscillation angle	°	±8
Braking distance(smooth cement pavement)	m	<3.4

Compaction	Unit	Parameters
Vibration frequency	Hz	63/67
Nominal amplitude	mm	0.5
Exciting force (High frequency/low frequency)	kN	36/41
Drum diameter	mm	720
Drum width	mm	1200

Engine		
Model	-	KUBOTA D1803-CR-E5B
Type	-	Inline 3-cylinder water-cooled type
Rated power	kW	24.6
Rated speed	r/min	2400



LIGHT COMPACTION EQUIPMENT

Euro Stage V

XD120VT

Brief product introduction

XD120VT is a model of combination vibratory roller with front drum and rear tire developed for the European and American markets. It is characterized by combination of vibratory steel drum and static tyre, can implement both vibration compaction and surface rubbing. It is an efficient and high-quality compaction machine for small area compaction operations and infrastructure reconstruction and extension projects.

It is mainly applicable to compaction work on asphalt top layer of newly built pavement and thinner stable soil pavement, and road maintenance work. With compact structure, high flexibility, small blind area, high operating comfort, it is an ideal compaction equipment for municipal maintenance and highway custody.

Three cylinder water-cooled Kubota engine, suiting ambient temperature of above -10 ℃ and altitude of below 3000 m, in compliance with EPA Tier 4 final and EU Stage Ⅴ emission standards.

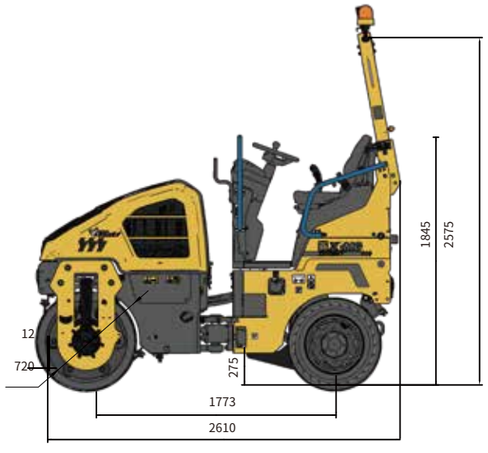
Main Specification

Weights	Unit	Parameters
Operating weight	kg	2650
Front axle weight	kg	1350
Rear axle weight	kg	1300
Front drum static linear load	N/cm	110

Maneuverability		
Operating speed	km/h	0～10
Theoretical gradeability	%	30
Minimum turning radius(intern/extern)	mm	2500/3700
Ground clearance	mm	275
Wheel base	mm	1773
Oscillation angle	°	±8
Braking distance(smooth cement pavement)	m	<3.4

Compaction	Unit	Parameters
Vibration frequency	Hz	63/67
Nominal amplitude	mm	0.5
Exciting force (High/low frequency)	kN	36/41
Drum diameter	mm	720
Drum width	mm	1200

Engine		
Model	-	KUBOTA D1803-CR-E3B
Type	-	Inline 3-cylinder water-cooled type
Rated power	kW	24.6
Rated speed	r/min	2400



TANDEM VIBRATORY ROLLER

Euro Stage III

XD123

Brief product introduction

XD123 Vibratory roller is asphalt compaction machinery product which is independent researched and developed by XCMG road machinery business division based on years of experience in compaction machinery research and development. It is designed for the compaction of asphalt pavement, asphalt layer of different materials and different thickness, especially suitable for roads, parking lots, airports and other large engineering projects, can also be used for compaction of roadbed and sub-base material, wide application scope.

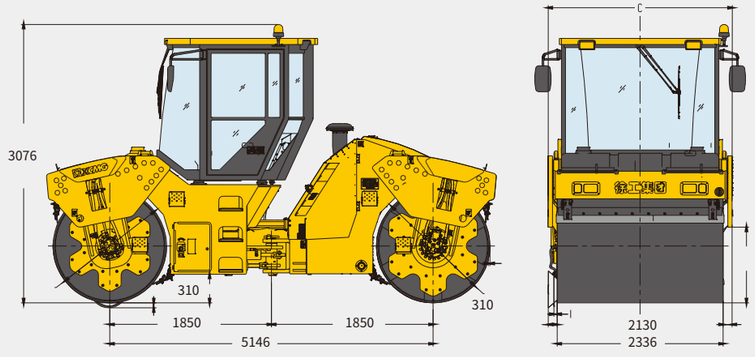
Main Specification

Mass distribution	Unit	Parameters
Operating mass	kg	12000
Distributed mass of front drum	kg	6000
Distributed mass of rear drum	kg	6000

Tractive performance	Unit	Parameters
Speed range	km/h	Gear I 0-6 / Gear II 0-8 / Gear III 0-12
Theoretical gradeability	%	45
Minimum turning radius mm(In/Out)	mm	4900/6800
Maximum crab walk	mm	±160
Swing angle	°	±8
Steering angle	°	±35

Compaction performance	Unit	Parameters
Static linear load N/cm	N/cm	310/310
Nominal amplitude	mm	0.3/0.8
Vibrational frequency	Hz	67/50
Exciting force (High frequency/low	kN	95/145

Engine	Unit	Parameters
Type	N/cm	Cummins QSB4.5
Mode		Inline four-cylinder turbocharged
	mm	intercooled water-cooled type
Rated power	Hz	113
Rated speed	kN	2200



MOTOR GRADER

Euro Stage III

GR1805

Brief product introduction

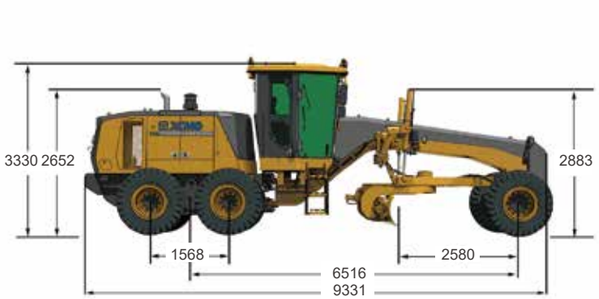
The motor grader is mainly used for ground leveling, ditching, slope scraping, bulldozing, scarification, snow removal for large areas such as highway, airports, farmlands etc. It is the necessary construction machinery for national defense construction, mine construction, urban and rural road construction and water conservancy construction, farmland improvement and so on.

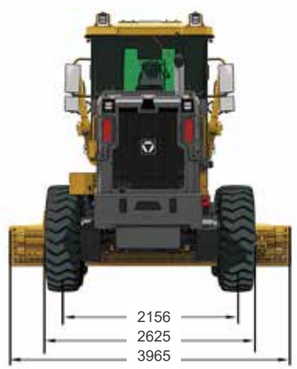
Main Specification

Basic parameter	Unit	Parameters
Engine model	/	WP6G190E330
Rated power/Speed	kW/rpm	140/2200
Overall dimension（standard）	mm	9331×2625×3330
Total weight(standard)	kg	16000
Tire specification	/	17.5R25
Tread	mm	2156
Axle distance between front and rear	mm	6516
Tread between middle and rear wheel	mm	1568
Performance parameter		
Forward speed	km/h	5/8/13/18/30/47
Reverse speed	km/h	5/8/13
Traction force f=0.75	kN	83
Maximum gradeability	%	≥25
Working system pressure	MPa	24.5
Transmission pressure	Mpa	1.85-2.2

Working parameters		Unit	Parameters
Maximum steering angle of front wheel		°	±48
Maximum tilt angle of front wheel		°	±18
Maximum swinging angle of front axle		°	±16
Maximum swinging angle of tandem		°	±15
Maximum steering angle of frame		°	±20
Minimum turning radius		m	7.2
Blade	Maximum lifting height	mm	450
	Maximum shoveling depth	mm	715
	Maximum tilt angle	°	90
	Cutting angle	°	Front 40, rear 15
	Slewing angle	°	360
	Length × chord height	mm	3965×610

Oil filling capacity	Unit	Parameters
Coolant	L	50
Fuel tank	L	380
Engine	L	24
Transmission	L	38
Tandem	L	120
Drive axle	L	36
Hydraulic oil	L	270





MOTOR GRADER

Euro Stage III

GR2205

Brief product introduction

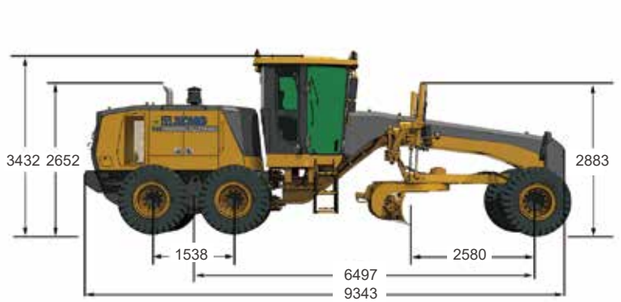
The motor grader is mainly used for ground leveling, ditching, slope scraping, bulldozing, scarification, snow removal for large areas such as highway, airports, farmlands etc., also can be used in heavy duty and mining areas. It is the necessary construction machinery for national defense construction, mine construction, urban and rural road construction and water conservancy construction, farmland improvement and so on.

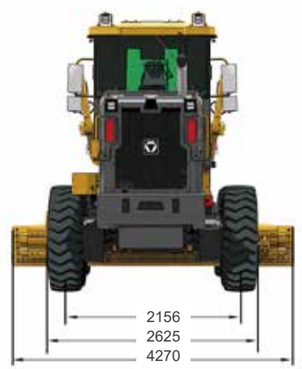
Main Specification

Basic parameter	Unit	Parameters
Engine model	/	QSB6.7
Rated power/Speed	kW/rpm	164/2200
Overall dimension（standard）	mm	9343×2625×3432
Total weight(standard)	kg	16500
Tyre specification	/	17.5R25
Tread	mm	2156
Axle distance between front and rear	mm	6479
Tread between middle and rear wheel	mm	1538
Performance parameter		
Forward speed	km/h	5/9/12/20/25/45
Rearward speed	km/h	5/12/25
Traction force f=0.75	kN	≥85
Maximum gradeability	%	≥25
Working system pressure	MPa	24.5
Transmission pressure	Mpa	1.6-1.8

Working parameters		Unit	Parameters
Maximum steering angle of front wheel		°	±48
Maximum tilt angle of front wheel		°	±17
Maximum swinging angle of front axle		°	±15
Maximum swinging angle of tandem		°	Front 15, rear 15
Maximum steering angle of frame		°	±25
Minimum turning radius		m	7.6
Blade	Maximum lifting height	mm	480
	Maximum shoveling depth	mm	755
	Maximum tilt angle	°	90
	Cutting angle	°	Front 40, rear 5
	Slewing angle	°	360
	Length × chord height	mm	4270×610

Oil filling capacity	Unit	Parameters
Coolant	L	50
Fuel tank	L	390
Engine	L	24
Transmission box	L	38
Balance box	L	75
Drive axle	L	25
Hydraulic oil	L	105





MOTOR GRADER

Euro Stage III

GR2405Tpro

Brief product introduction

The motor grader is mainly used for ground leveling, ditching, slope scraping, bulldozing, scarification, snow removal for large areas such as highway, airports, farmlands etc. It is the necessary construction machinery for national defense construction, mine construction, urban and rural road construction and water conservancy construction, farmland improvement and so on.

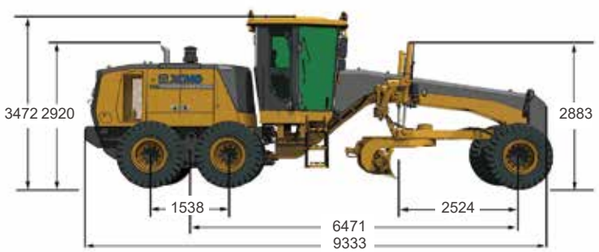
Main Specification

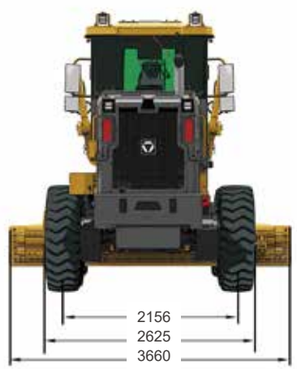
Basic parameter	Unit	Parameters
Engine type	/	QSB6.7
Rated power/Speed	kW/rpm	178/2200
Machine dimension(standard)	mm	9333×2625×3472
Machine weight(standard)	kg	17700
Tire specification	/	17.5R25
Ground clearance (Front axle)	mm	592
Wheel base	mm	2156
Axle distance between front and rear	mm	6471
Wheel base between middle and rear	mm	1538

Performance parameter		
Forward speed	km/h	5、8、11、18、24、40
Rearward speed	km/h	5、11、25
Traction force f=0.75	kN	≥91
Maximum gradeability	%	≥25
Inflation pressure of tire	kPa	425kPa
Work system pressure	Mpa	24.5MPa
Transmission pressure	Mpa	1.85-2.2Mpa

Working parameters		Unit	Parameters
Maximum steering angle of front wheel		°	±49
Allowable angle of inclination of front wheel		°	±18
Maximum swinging angle of front axle		°	±16
Maximum swinging angle of balance box		°	Front 15, rear 15
Maximum swinging angle of frame		°	±25
Minimum turning radius		m	7.6
Blade	Maximum lifting height	mm	480
	Maximum scraping depth	mm	755
	Maximum tilt angle	°	90
	Cutting angle	°	Front 40，rear5
	Angle of revolution	°	360
	Length × Height	mm	3660×610

Oil filling capacity	Unit	Parameters
Coolant	L	50
Fuel tank	L	418
Engine	L	24
Transmission box	L	38
Balance box	L	75
Drive axle	L	25
Hydraulic oil	L	65





MOTOR GRADER

Euro Stage III

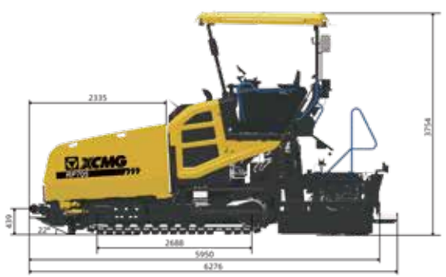
RP705

Brief product introduction

The motor grader is mainly used for ground leveling, ditching, slope scraping, bulldozing, scarification, snow removal for large areas such as highway, airports, farmlands etc., also can be used in heavy duty and mining areas. It is the necessary construction machinery for national defense construction, mine construction, urban and rural road construction and water conservancy construction, farmland improvement and so on.

Main Specification

Basic parameter	Unit	Parameters
Basic paving width	m	2.5～5
Maximum paving width	m	7.5
Maximum paving thickness	mm	300
Maximum operating speed	m/min	24
Maximum traveling speed	km/h	4
Theoretical productivity	t/h	600
Hopper capacity	t	13
Gradeability	%	20
Flatness (standard deviation)**	mm	1.2
Cross slope error	%	±0.2
Arch adjustment range	%	-1.5～+4.5
Diesel engine model	/	B4.5
Rated power of diesel engine	kW	115
Rated speed of diesel engine	r/min	2000
Distributing speed	r/min	0～95
Conveying speed	m/min	0～21
Vibrating speed	r/min	0～1500
Vibrating amplitude	mm	4 (2, 4 and 7 for options)
Vibration frequency	Hz	0～50
Overall weight	t	17.5～19
Transportation outline dimensions	mm	5990×2550×3000
Diesel tank capacity	L	190
Hydraulic oil tank capacity	L	150
Heating mode of screed	/	Electric heating
Heating generator power	kW	25
Control mode of conveying level	/	Angle sensing integrated automatic control
Control mode of distributing level	/	Ultrasonic sensing automatic control
Control mode of automatic leveling	/	Two-longitudinal & one-transverse levelling device



HOISTING MACHINERY

XCMG

04

XCMG

XUZHOU CONSTRUCTION MACHINERY GROUP IMP. & EXP. CO., LTD

PRODUCT FOR EUROPE

TRUCK CRANE

Euro stage V

XCT25L5_E

Brief product introduction

XCT25L5_E Truck crane is widely used for the lifting operations in general engineering projects, such as construction site, urban renewal, communication and transportation, ports, bridge, oilfields and mine, and complex working environments.

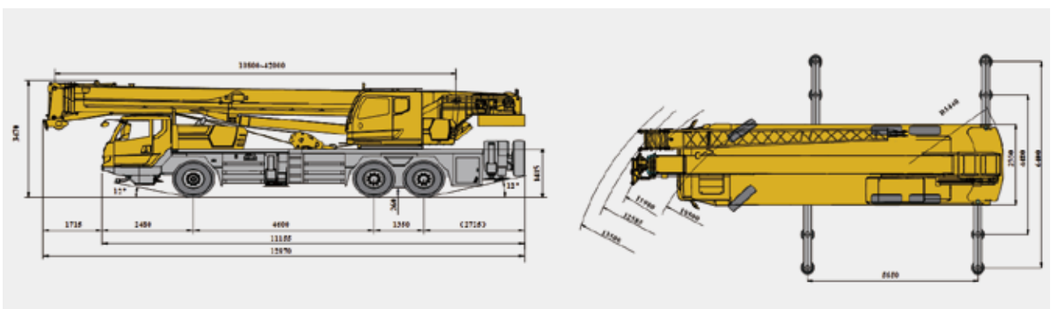
Independent heavy duty suspension system with single wishbone:
5-section boom of 42 m with U-type profile is adopted;
The max. lifting load is 25 t;
The max. lifting height is 50.2 m;
The max. working radius is 38.5 m;
The performance takes the lead comprehensively.
New energy-saving hydraulic system with high efficiency, durability and fine control (lifting: 2.5m/min, slewing: 0.1°/s)

Optimal transmission system first created in the industry contributes to strong off-road performance and low oil consumption; the gradeability is 45%.

Super lifting performance:5-section boom of 42 m with U-type profile is the longest of the same class in the industry; the max. parts of line is 8 for the main hook block. The performance is 20% higher than that of the competitors. The telescoping mode is updated from sequential telescoping to random telescoping. The change of boom length is more efficient, and the performance of medium-long boom is higher; Innovative single-plate boom head and compact boom tail structure, best overlapping ratio in its class and stronger boom load-bearing capacity.

Main Specification

Category	Item		Unit	Parameter
Dimensions 2480	Dimensions (length×width×height)		mm	12870×2550×3470
	Wheel base		mm	4600+1350
	Track (Front/ Rear)		mm	2074/1834/1834
Weight	Total weight in travel		kg	33000
Power	Engine model		——	TAD872VE
	Max. output torque/rpm		N.m/(r/min)	1350/1235
Travel	Max. travel speed		km/h	≥90
	Min. turning diameter		m	≤21
	Fuel consumption per 100 km		L	30
Main performance	Max. total rated lifting capacity		t	25
	Min. rated working radius		m	3
	Outrigger span	Longitudinal	m	5.65
		Lateral	m	6.4
	Hoist height	Base boom	m	10.2
		Fully-extended boom	m	40.7
		Fully-extended boom + Jib	m	50.2
	Boom length	Base boom	m	10.8
		Fully-extended boom	m	42.0
		Fully-extended boom + Jib	m	51.0
	Jib offset angle		°	0, 15, 30



All TERRAIN CRANE

Euro stage IV/stage V

XCT45_E

Brief product introduction

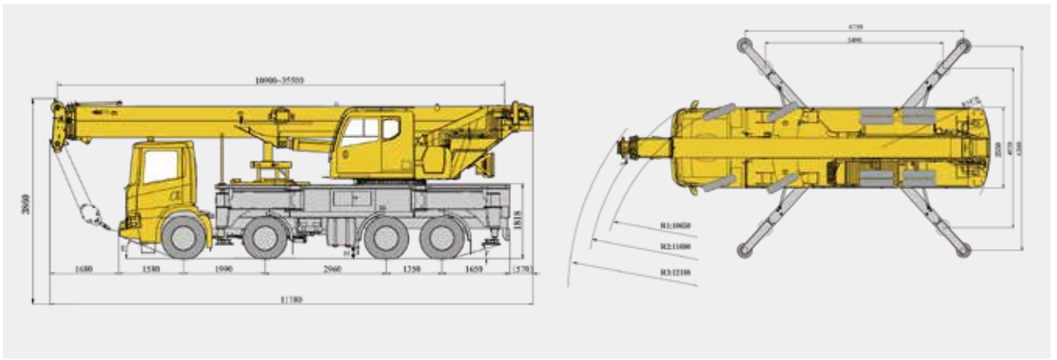
XCT45_ E, as a boom truck, can adapt to the general chassis of various brands. It has the characteristics of strong adaptability to working conditions and meets the needs of operation in narrow sites。

Good controllability of hydraulic system: The new efficient and energy-saving hydraulic system brings stable slewing and good inching control.

High degree of intelligence and more convenient operation. Intelligent working condition query and operation safety protection make the operation more convenient .
Humanized design, more comfortable to use: wireless remote control of the whole machine, intelligent boom floodlight, controlling outriggers in the crane cab, and the new XCMG machine interaction system are available, leading to more comfortable operation experience.

Main Specification

Category	Item			Unit	Parameter
Main performance	Max. total rated lifting capacity			t	45
	Min. rated working radius			m	2.5
	Turning radius at turntable tail	Counterweight		mm	3470
	Max. load moment	Base boom		kN.m	1386
		Fully-extended boom		kN.m	812
		Fully-extended boom + Jib		kN.m	600
	Outrigger span	Longitudinal		m	6.75
		Lateral		m	6.3
	Hoist height	Base boom		m	11
		Fully-extended boom		m	35.5
		Fully-extended boom + Jib		m	45
	Boom length	Base boom		m	10.9
		Fully-extended boom		m	35.5
		Fully-extended boom + Jib		m	45
Working speed	Boom raising time			s	≤45
	Boom fully extended time			s	≤65
	Max. slewing speed			r/min	≥2
	Outrigger extending and retracting time	Base	Extending	s	≤20
			Retracting	s	≤20
		Outrigger beam	Extending	s	≤20
			Retracting	s	≤20
		Outrigger jack	Extending	s	≤40
			Retracting	s	≤30
	Hoisting speed (single line, 4th layer, no load)		Main winch	m/min	≥125



All TERRAIN CRANE

Euro stage V

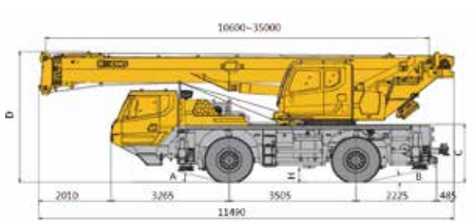
XCA40_E

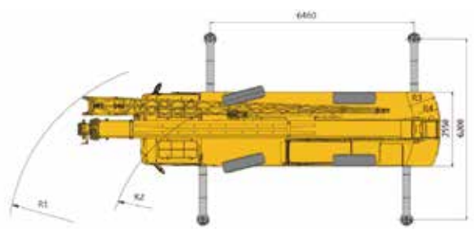
Brief product introduction

The world's strongest two-axle all-ground crane, suitable for bridge, city construction, oil field, port and other complex working conditions

Main Specification

Category	Item		Unit	Parameter
Dimensions	Dimensions (length×width×height)		mm	11490×2550×3690(14.0R25) /11490×2550×3740(16.0R25)
	Wheel base		mm	3505
	Track (Front/ Rear)		mm	2131(14.0R25) /2087(16.0R25)
Weight	Total weight in travel		kg	24000
Power	Engine model		—	OM936LA
	Max. output torque/rpm		N.m/(r/min)	1300/1400
Travel	Max. travel speed		km/h	>80
	Min. turning diameter		m	≤14（Road travel，14.00R25）/≤15.3（Road travel，16.00R25）
	Fuel consumption per 100 km		L	35
Main performance	Max. total rated lifting capacity		t	40
	Min. rated working radius		m	2.5
	Outrigger span	Longitudinal	m	6.46
		Lateral	m	6.2
	Hoist height	Base boom	m	10.4
		Fully-extended boom	m	35.4
		Fully-extended boom + Jib	m	42.7
	Boom length	Base boom	m	10.6
		Fully-extended boom	m	35
		Fully-extended boom + Jib	m	44.5
	Jib offset angle		°	0,20, 40





All TERRAIN CRANE

Euro stage V

XCA60_E

Brief product introduction

XCA60_E All Terrain Crane is a "Internet +" smart crane, in which mobile Internet, mobile terminal remote control function are integrated.

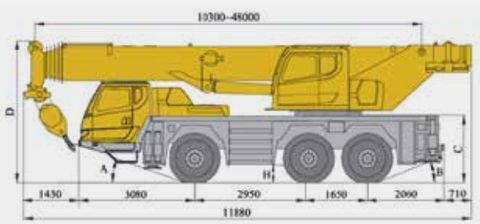
Power and traveling performance:
Daimler AG OM470LA diesel engine, rated power is 280kw, the max. torque is 1900N.m
American Allison automatic gear transmission
Max. travel speed 85Km/h, Max. gradeability 70%.

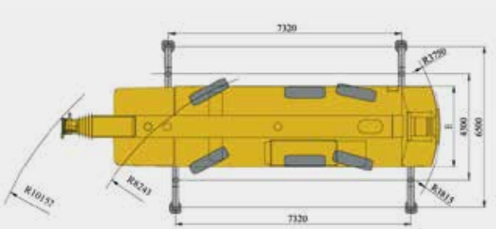
Independent heavy duty suspension system with single wishbone:
The tires on left and right side move up/down separately to adapt to road conditions, to effectively enhance the stability of steering operation at high speed and achieve excellent off-road performance when driving on narrow or poor road conditions.

Compliant to the highest standards:
The crane is designed by complying with the highest European standards. Its total length is not more than 12 m and width is less than 2.55 m.

Main Specification

Category	Item		Unit	Parameter
Dimensions	Dimensions (length×width×height)		mm	11880×2550×3755
	Wheel base		mm	2950+1650
	Track (Front/ Rear)		mm	2150
Weight	Total weight in travel		kg	36000
Power	Engine model		——	OM470LA
	Max. output torque/rpm		N.m/(r/min)	1900/1300
Travel	Max. travel speed		km/h	85
	Min. turning diameter		m	14.2
	Fuel consumption per 100 km		L	49
Main performance	Max. total rated lifting capacity		t	60
	Min. rated working radius		m	2.1
	Outrigger span	Longitudinal	m	7.32
		Lateral	m	6.5
	Hoist height	Base boom	m	10.2
		Fully-extended boom	m	48
		Fully-extended boom + Jib	m	63
	Boom length	Base boom	m	10.3
		Fully-extended boom	m	48
		Fully-extended boom + Jib	m	64
	Jib offset angle		°	0,15,30





All TERRAIN CRANE

Euro stage V

XCA60_EV

Brief product introduction

As the world' s first hybrid all-terrain crane, this product achieves new energy-saving and environmental-friendly level, featuring zero emission for lfting operations and dual- engine for site transfer traveling. With maximum lifting capacity of 60 t and boom length of 48m, this crane has the highest liting performance among the products of same tonnage. With dual- engine parallel drive, the acceleration performance, climbing performance, and fuel economy of this product are comprehensively leading the industry.

Pure electric operations with zero emission:

The 400V AC realizes plug-and-play and the 170kW motor + high-power charger combination covers all working conditions and reassures pure electric operations.

The high capacity battery is installed to realize the battery electric operations, solve the trouble of no power supply in working site, and meet the pure electric operating needs of the users in diversified working sites to the maximum degree.

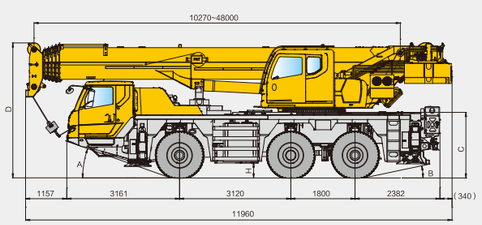
Two engines for traveling, powerful and efficient:

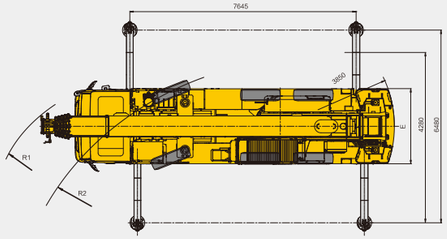
The dual-engine drive (fuel engine and electric motor) is applied for the job-site transfer. Under different traveling conditions, the motor intervenes at appropriate time to drive this product and the torque is intelligently distributed to maintain the engine running within the optimal economic fuel consumption range. The braking and coasting energy is recovered to neglect neither charging nor discharging and lower the fuel consumption by more than 40%.

The dual-engine (fuel engine and electric motor) features strong power and provides up to 400kw power, which improved by 42% compared with the products of same level.

Main Specification

Category	Item		Unit	Parameter
Dimensions	Dimensions (length×width×height)		mm	11960*2550*3790
	Wheel base		mm	3120+1800
	Track (Front/ Rear)		mm	2150
Weight	Total weight in travel		kg	36000
Power	Engine model		——	OM936LA(EU StageV)
	Max. output torque/rpm		N.m/(r/min)	1100/800-1400
	Motor rated power		Kw/rpm	170/1600-2300
	Motor rated torque		Kn/rpm	1100/800-1400
Travel	Max. travel speed		km/h	80
	Min. turning diameter		m	14
	Fuel consumption per 100 km		L	35
Main performance	Max. total rated lifting capacity		t	60
	Min. rated working radius		m	2.1
	Outrigger span	Longitudinal	m	7.65
		Lateral	m	6.5/4.3
	Hoist height	Base boom	m	10.2
		Fully-extended boom	m	48
		Fully-extended boom + Jib	m	63
	Boom length	Base boom	m	10.3
		Fully-extended boom	m	48
		Fully-extended boom + Jib	m	64
	Jib offset angle		°	0/15/30





All TERRAIN CRANE

Euro stage V

XCA100_E

Brief product introduction

The lifting capacity takes the lead in the industry with strong power, the 4-axle extreme 100-ton all terrain crane with high intelligent level.

Independent heavy duty suspension system with single wishbone:

The tires on left and right side move up/down separately to adapt to the road conditions, to effectively enhance the stability of steering operation at high speed and achieve excellent off-road performance when driving on the narrow road or the road with poor road conditions.

New highly efficient energy-saving hydraulic system:

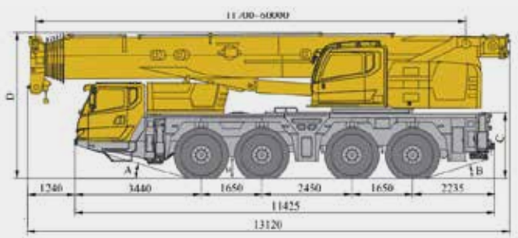
Closed hydraulic system for lifting and slewing system, equipped with large-displacement pump, lifting speed with heavy load highly.Mature double-variable mechanism with fine control tactic, matching perfectly stably. The min. stable lifting speed (at drum) is 2.5m/min, and the min. stable slewing speed is 0.1°/s.

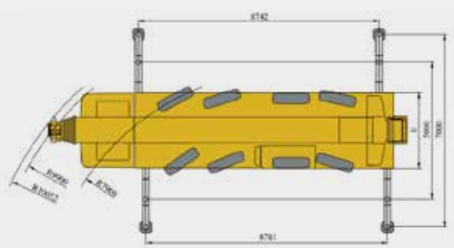
New appearance and humanized design:

A new generation of appearance design makes the whole vehicle powerful and vigorous; Fashionable outlines of driver's cab and operator's cab bring perfect combination of sense of lays and sense of physical strength; ergonomics analysis and humanized details make inherent quality of easy driving comfortable operation and convenient maintenance.

Main Specification

Category	Item		Unit	Parameter
Dimensions	Dimensions (length×width×height)		mm	13120×2750×4000
	Wheel base		mm	1650+2450+1650
	Track (Front/ Rear)		mm	2340/2340/2340/2340
Weight	Total weight in travel		kg	48000
Power	Engine model		——	OM471LA(Chassis)/OM934LA(Superstructure)
	Max. output torque/rpm		N.m/(r/min)	2200/1300(Chassis)/750/（1200～1600）(Superstructure)
Travel	Max. travel speed		km/h	80
	Min. turning diameter		m	15.8m (14.00R25)/22.5m(16.00R25)
	Fuel consumption per 100 km		L	60
Main performance	Max. total rated lifting capacity		t	100
	Min. rated working radius		m	3
	Outrigger span	Longitudinal	m	8.76
		Lateral	m	7（full）/5（half）
	Hoist height	Base boom	m	11.7
		Fully-extended boom	m	60.6
		Fully-extended boom + Jib	m	88
	Boom length	Base boom	m	11.7
		Fully-extended boom	m	60
		Fully-extended boom + Jib	m	88.2
	Jib offset angle		°	0, 15, 30





All TERRAIN CRANE

Euro Stage V

XCA120_E

Brief product introduction

Intelligent four-axle all terrain crane with high job site transfer performance

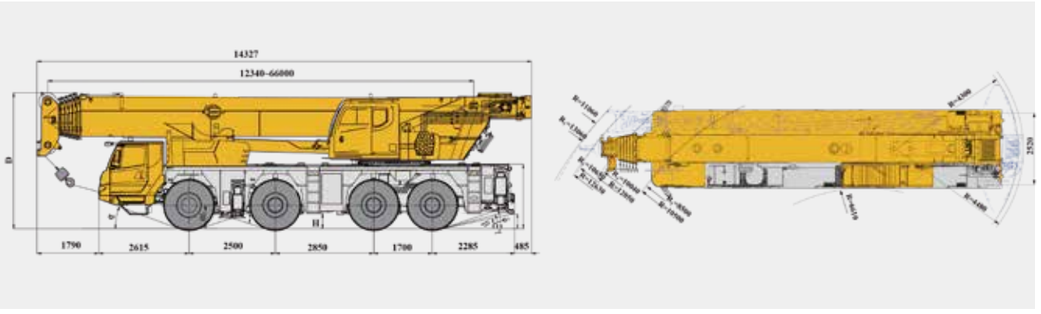
Independent heavy duty suspension system with single wishbone:
7-section boom of 66 m;
The max. Lifting load is 120 t;
The max. Lifting height is 94.5 m;
The max. Working radius is 68 m;
Max. single line pull: 87KN
Max. hoisting speed (single line, no load): 135m/min

Wireless remote control technology is applied, so the remote control of outriggers, lifting, elevating, counterweight erection, jib unfolding and folding with one person can be realized.Efficient job site transfer with various axle loads is realized, so job site transfer is more convenient.

The min. stable slewing speed is 0.1 /s. The min. stable lifting speed (at drum) is 2.5m/min . Precise and safe lifting movements can be realized.Dual-pump separate and confluent control technology brings higher compound movement performance in the industry with higher working efficiency.

Main Specification

Category	Item		Unit	Parameter
Dimensions	Dimension (length ×width ×height)		mm	14327×2750×3890（385/95R25）/15288×2750×3940（445/95R25）/15288×2850×3940（525/80R25）
	Wheel base		mm	2500+2850+1700
	Track (Front/ Rear)		mm	2340（385/95R25）/2296（445/95R25）/2308（525/80R25）
	Front/ Rear overhang		mm	2615/2385
	Front/ Rear extension		mm	1790/485
	total weight		kg	48000
Weight	Axle load	1st axle	kg	12000
		2nd axle	kg	12000
		3rd axle	kg	12000
		4th axle	kg	12000
Power	Engine model		——	OM471LA (EU Stage V)
	Engine rated power/rpm		kW/(r/min)	360/1600
	Engine rated torque/rpm		N.m/(r/min)	2400/1300
Travel	Max. travel speed		km/h	80
	Min. stable travel speed		km/h	2
	Min. turning diameter		m	≤17（Tight-turning radius mode，four-axle steering）;≤21（Normal road mode，four-axle steering）
Main performance	Max. total rated lifting capacity		t	120
	Min. rated working radius		m	2.5
	Max. load moment	Base boom	kN.m	12.3
		Fully-extended boom	kN.m	66
		Fully-extended boom + Jib	kN.m	94.2
	Outrigger span	Longitudinal	m	7.6
		Lateral	m	7.0/5.95/5.0/3.83
	Hoist height	Base boom	m	13.4
		Fully-extended boom	m	66.5
		Fully-extended boom + Jib	m	94.5
	Boom length	Base boom	m	12.3
		Fully-extended boom	m	66
		Fully-extended boom + Jib	m	94.2
	Jib offset angle		°	0、20、40



All TERRAIN CRANE

Euro stage V

XCA130_E

Brief product introduction

Intelligent five-axle all terrain crane with high job site transfer performance.

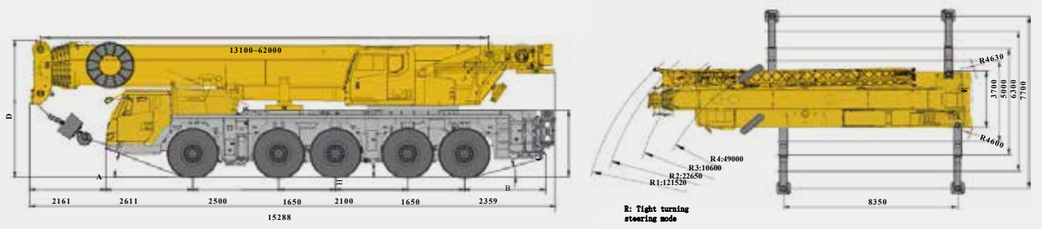
The performance takes the lead comprehensively.:
6-section boom of 62 m;
The max. Lifting load is 130 t;
The max. Lifting height is 92.5 m;
The max. Working radius is 72 m;
Max. single line pull: 87KN
Max. hoisting speed (single line, no load): 130m/min

Wireless remote control technology is applied, so the remote control of outriggers, lifting, elevating, counterweight erection, jib unfolding and folding with one person can be realized.Efficient job site transfer with various axle loads is realized, so job site transfer is more convenient.

The min. stable slewing speed is 0.1°/s. The min. stable lifting speed (at drum) is 2.5m/min . Precise and safe lifting movements can be realized.Dual-pump separate and confluent control technology brings higher compound movement performance in the industry with higher working efficiency.

Main Specification

Category	Item			Unit	Parameter
Dimensions	Dimensions (length×width×height)			mm	15288×2750×4000
	Wheel base			mm	2500+1650+2100+1650
	Track (Front/ Rear)			mm	2296
Weight	Total weight in travel			kg	60000
Power	Engine model			——	OM471LA
	Max. output torque/rpm			N.m/(r/min)	2300/1300（stageIV）、2400/1300（stageV）
Travel	Max. travel speed			km/h	80
	Min. turning diameter			m	18
	Fuel consumption per 100 km			L	65
Main performance	Max. total rated lifting capacity			t	130
	Min. rated working radius			m	3
	Outrigger span		Longitudinal	m	8.35
			Lateral	m	3.7/5/6.3/7.7
	Hoist height		Base boom	m	12.1
			Fully-extended boom	m	61.5
			Fully-extended boom + Jib	m	92.5
	Boom length		Base boom	m	13.1
			Fully-extended boom	m	62
			Fully-extended boom + Jib	m	94.5
	Jib offset angle			°	0,20,40



Rough terrain Crane

EU Stage V

XCR55L5_E

Brief product introduction

XCMG G1 generation rough terrain crane XCR55L5_E is designed with four innovative technologies integrated to create an ultra high performance, green and energy saving, efficient and intelligent lifting equipment.

High performance

5-section boom of 43.6m , the length of boom and jib can reach 59.6 m after jib is installed.

Large displacement dual-variable plunger pump with confluent main valve adopting XCMG patented technology integrated, leads to improvement by 13% in operation efficiency, which takes the lead in the industry.

Large power engine + low speed large torque transmission system with hydraulic torque converter; acceleration performance is improved by 10%, the max. travel speed is 25 km/h and the max. grade ability is 86%; the min. turning radius is only 6 m, the smallest in the industry, contributing to excellent maneuver ability and quick job site transfer.

Green and energy-saving

New energy-saving hydraulic system with double-variable pump combined with a valve-controlled load-sensing system. The fuel consumption under different working conditions can be reduced by 10%~15%.

ECO energy-saving control, fuel consumption under different working conditions can be reduced by 5%-9%.

Torque converter with lockup function, low speed large torque, high speed and high efficiency, and driving fuel consumption is reduced by 20%.

Science and technology intelligence

Dedicated driving safety active protection technology is adopted to realize classified management, such as automatic warning, gear and speed limit, automatic brake according to different fault categories, in order to improve the active safety of the driving vehicle.

Intelligent boom system can standardize the operation of the users and improve the operation safety; it provides users with the most effective lifting plan, and improves the working efficiency.

Fault self-diagnosis system is adopted; there are 285 control nodes; automatic inspection and automatic diagnosis can be shown in real-time on the display. The fault diagnosis rate can reach 76%.

Quality performance

Compound throttling+ double-pump valve control load-sensing system with load filter; accurate control and smooth inching control.

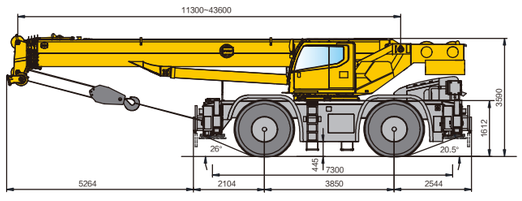
XCMG man-machine interactive system with functions such as automatic planning of working conditions, fault self-diagnosis,etc. integrated, provides abundant information, user-friendly interface and reasonable layout of function keys, as well as comfortable, intelligent and safe operating experience.

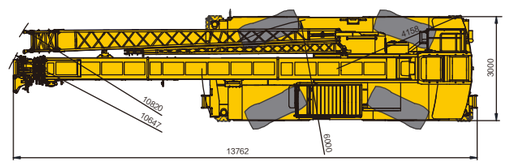
Creative self adjustment of turning angle, multi-mode steering technology, all steering modes can be directly controlled by steering wheel; steering modes can be switched in any situation, and the turning angle of rear wheels may self-adjust while switching steering mode, which is easy to operate with more precise control

Professionally designed appearance and man-machine engineering simulation analysis enable a perfect combination of function and art.

Main Specification

Category	Item		Unit	Parameter
Dimensions	Dimensions (length×width×height)		mm	13762×3000×3590
	Wheel base		mm	3850
	Track (Front/ Rear)		mm	2330
Weight	Total weight in travel		kg	41800
Power	Engine model		—	B6.7
	Max. output torque/rpm		N.m/(r/min)	1152/1500
Travel	Max. travel speed		km/h	25
	Min. turning diameter		m	12
	Fuel consumption per 100 km		L	——
Main performance	Max. total rated lifting capacity		t	55
	Min. rated working radius		m	3
	Outrigger span	Longitudinal	m	7.3
		Lateral	m	7.2
	Hoist height	Base boom	m	11.9
		Fully-extended boom	m	43.7
		Fully-extended boom + Jib	m	57.1
	Boom length	Base boom	m	11.3
		Fully-extended boom	m	43.6
		Fully-extended boom + Jib	m	59.6
	Jib offset angle		°	0,15,30





Rough terrain Crane

EU Stage V

XCR70_E

Brief product introduction

XCMG G1 generation rough terrain crane XCR70_E is designed with four innovative technologies integrated to create an ultra high performance, green and energy saving, efficient and intelligent lifting equipment.

High performance

5-section boom of 45m , the length of boom and jib can reach 61 m after jib is installed.

Large displacement dual-variable plunger pump with confluent main valve adopting XCMG patented technology integrated, leads to improvement by 13% in operation efficiency, which takes the lead in the industry.

Large power engine + low speed large torque transmission system with hydraulic torque converter; acceleration performance is improved by 10%, the max. travel speed is 25 km/h and the max. grade ability is 70%; the min. turning radius is only 6.5 m, the smallest in the industry, contributing to excellent maneuver ability and quick job site transfer.

Green and energy-saving

New energy-saving hydraulic system with double-variable pump combined with a valve-controlled load-sensing system. The fuel consumption under different working conditions can be reduced by 10%~15%.

ECO energy-saving control, fuel consumption under different working conditions can be reduced by 5%-9%.

Torque converter with lockup function, low speed large torque, high speed and high efficiency, and driving fuel consumption is

Science and technology intelligence

Dedicated driving safety active protection technology is adopted to realize classified management, such as automatic warning, gear and speed limit, automatic brake according to different fault categories, in order to improve the active safety of the driving vehicle.

Intelligent boom system can standardize the operation of the users and improve the operation safety; it provides users with the most effective lifting plan, and improves the working efficiency.

Fault self-diagnosis system is adopted; there are 285 control nodes; automatic inspection and automatic diagnosis can be shown in real-time on the display. The fault diagnosis rate can reach 76%.

Quality performance

Compound throttling+ double-pump valve control load-sensing system with load filter; accurate control and smooth inching control.

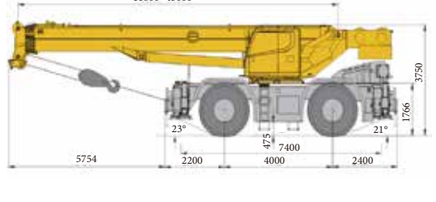
XCMG man-machine interactive system with functions such as automatic planning of working conditions, fault self-diagnosis,etc. integrated, provides abundant information, user-friendly interface and reasonable layout of function keys, as well as comfortable, intelligent and safe operating experience.

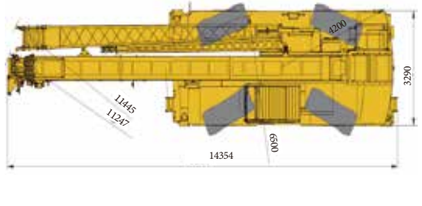
Creative self adjustment of turning angle, multi-mode steering technology, all steering modes can be directly controlled by steering wheel; steering modes can be switched in any situation, and the turning angle of rear wheels may self adjust while switching steering mode, which is easy to operate with more precise control.

Professionally designed appearance and man-machine engineering simulation analysis enable a perfect combination of function and art.

Main Specification

Category	Item	Unit	Parameter
Outrigger span	Dimensions (length×width×height)	mm	14354×3290×3750
	Wheel base	mm	4000
	Track (Front/ Rear)	mm	2520/2520
	Total weight in travel	kg	46755
	Engine model	—	B6.7
	Max. output torque/rpm	N.m/(r/min)	1152N.m/(1500r/min)
	Max. travel speed	km/h	＞25
	Min. turning diameter	m	≤13
	Fuel consumption per 100 km	L	——
	Max. total rated lifting capacity	t	70
	Min. rated working radius	m	2.5
	Longitudinal	m	7.4
	Lateral	m	7.4
Hoist height	Base boom	m	12.8
	Fully-extended boom	m	45.3
	Fully-extended boom + Jib	m	57.9
Boom length	Base boom	m	11.8
	Fully-extended boom	m	45
	Fully-extended boom + Jib	m	61
	Jib offset angle	°	0°、15°、30°





CRAWLER CRANE

XCMG

05

XCMG XUZHOU CONSTRUCTION MACHINERY GROUP IMP. & EXP. CO., LTD

PRODUCT FOR EUROPE

CRAWLER CRANE

Europe Stage IV

XGC75

Brief product introduction

UNIVERSAL AND MODULAR DESIGN

Common platform products with fixed jib, single top, both-sided counterweight, luffing mechanism, hydraulic pump and main valve block can achieve universal and interchangeable use, greatly reduce purchase, transport and maintenance costs.

OPTIMIZED DESIGN OF TRANSPORT AND ASSEMBLY/DISASSEMBLY

Basic machine is an integrated transport design, without disassembling track frame and boom base, greatly save transport costs and improve the assembly/disassembly efficiency.

Unique A-frame gantry self-erection technology, no need of cylinder can achieve self- erection, to realize crane quick assembly.

Single counterweight weighing no more than 4t, small auxiliary lifting equipment can achieve complete counterweight assembly.

MAIN / AUXILIARY HOOK ONE-KEY-SWITCH-OVER FUNCTION

One-key-switch is used to easily achieve main/auxiliary hook switch-over, for wider range of applications.

OPTIMIZED HYDRAULIC SYSTEM DESIGN

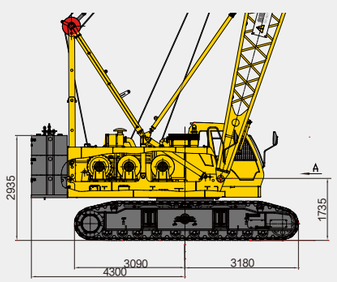
Integrated design to reduce failure points, while reserve open space for assembly/ disassembly and maintenance.

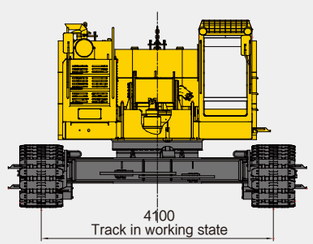
Use of highly integrated LUDV main valve, with the functions of multi-complex operation, control of combined flow, high/low speed selection, to ensure operation efficiency.

Optional unique independent bypass filtration in the industry, strong magnetic adsorption device, strengthened hydraulic system filtration, and anti-emulsifying ability.

Main Specification

Item	Unit	Parameters
Boom working condition max. rated lifting capacity	t	75
Fixed jib working condition max. rated lifting capacity	t	12
Max. load moment	t.m	286
Boom length	m	13～58
Fixed jib length	m	7～19
Max. dimension of single unit in transport state (L×W×H)	m	12.6×3.4×3.36
Hoist winch max. single line speed	m/min	120
Engine model		上柴/Cummins
Rated power	kW	155/153
Total vehicle mass (Main hook block, 13m boom)	t	61
Max. mass of single unit in transport state	t	37（less than 22t if it is disassembled）)





CRAWLER CRANE

Europe Stage III

XGC85

Brief product introduction

UNIVERSAL AND MODULAR DESIGN

Common platform products with fixed jib, single top, both-sided counterweight, luffing mechanism, hydraulic pump and main valve block can achieve universal and interchangeable use, greatly reduce purchase, transport and maintenance costs.

OPTIMIZED DESIGN OF TRANSPORT AND ASSEMBLY/DISASSEMBLY

Basic machine is an integrated transport design, without disassembling track frame and boom base, greatly save transport costs and improve the assembly/disassembly efficiency.

Unique A-frame gantry self-erection technology, no need of cylinder can achieve self- erection, to realize crane quick assembly.

Single counterweight weighing no more than 6t, small auxiliary lifting equipment can achieve complete counterweight assembly.

MAIN / AUXILIARY HOOK ONE-KEY-SWITCH-OVER FUNCTION

One-key-switch is used to easily achieve main/auxiliary hook switch-over, for wider range of applications.

OPTIMIZED HYDRAULIC SYSTEM DESIGN

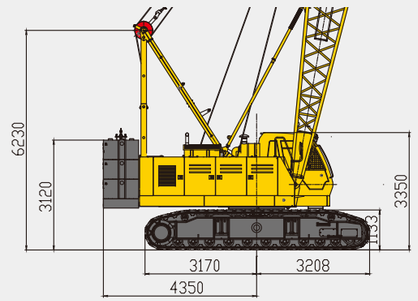
Integrated design to reduce failure points, while reserve open space for assembly/ disassembly and maintenance.

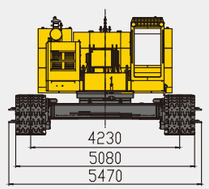
Use of highly integrated LUDV main valve, with the functions of multi-complex operation, control of combined flow, high/low speed selection, to ensure operation efficiency.

Optional unique independent bypass filtration in the industry, strong magnetic adsorption device, strengthened hydraulic system filtration, and anti-emulsifying ability.

Main Specification

Item	Unit	Parameters
Boom working condition max. rated lifting capacity	t	85
Fixed jib working condition max. rated lifting capacity	t	12
Max. load moment	t.m	341
Boom length	m	13～58
Fixed jib length	m	7～19
Max. dimension of single unit in transport state (L×W×H)	m	13.05×3.4×3.3
Hoist winch max. single line speed	m/min	120
Engine model		上柴/美国康明斯
Rated power	kW	200/183
Total vehicle mass (Main hook block, 13m boom)	t	71.2
Max. mass of single unit in transport state	t	23





CRAWLER CRANE

Europe Stage III

XGC12000

Brief product introduction

ROLLER DRIVE TRAVEL

Under the condition of same output torque, 4-roller drive travel unit features smaller diam., stronger output traction, and powerful walking.

Ultra high work efficiency

The original folding type super lift counterweight pushing device can realize the stepless amplitude change of the super lift counterweight,cooperate with the super lift counterweight tray separation device,track beam self-assembly and disassembly and other functions, and work more flexibly and efficiently.

EASY ASSEMBLY/DISASSEMBLY

Use of the power from superlift luffing winch, design of boom special lifting devices for superlift working condition, use of superlift mast derrick and a auxiliary trolley to lift and install the boom, greatly improved lifting operation efficiency.

Super long boom Technology

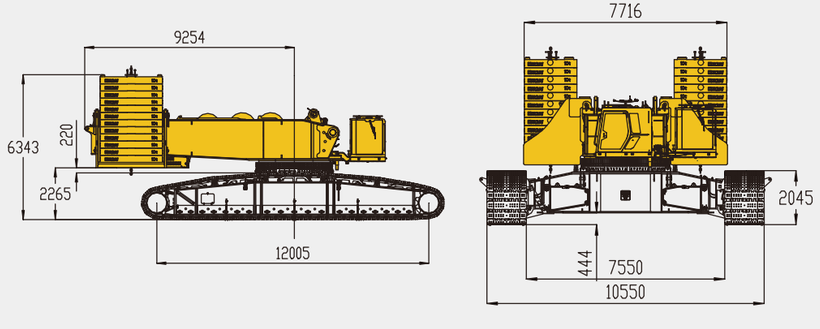
The double waist rope, variable section and wall thickness boom system and reinforced boom system are adopted to improve the rigidity of the truss boom system and reduce the weight of the boom. Combined with the super lift and push technology, the super long flexible truss boom can be lifted and operated more safely.

SPECIAL JIB FOR WIND POWER DOUBLE LIFTIN

Use of special jib for wind power double lifting technology can greatly improve lifting operation efficiency, and reduce the risk in wind power lifting operation.

Main Specification

Item		Unit	Parameters
Standard working condition	Max. rated lifting capacity	t	800/6
	Heavy boom length	m	24~99
	Max. lifting capacity of light duty boom	t	342/11
	Light boom length	m	84~114
	Max. rated lifting capacity	t	200/17
	Max. boom length combination	m	114+12
Superlift working condition	Heavy boom Max. rated lifting capacity	t	800/15
	Heavy boom length	m	42~150
	Light boom Max. lifting capacity	t	390/26
	Light boom length	m	84~168
	Max. lifting capacity	t	230
	Max. boom length combination		168+12
Speed	Max. single line speed of hoist winch	m/min	121
	Max. single line speed of boom luffing winch	m/min	2×55
	Max. single line speed of SL luffing	m/min	135
	Max. slewing speed	rpm	0.6
	Max. travel speed	km/h	1
Engine	Rated power	kw	515KW/570
	Emission	-	国 Ⅲ/欧 Ⅲ



TELESCOPIC CRAWLER CRANE

Europe Stage IV

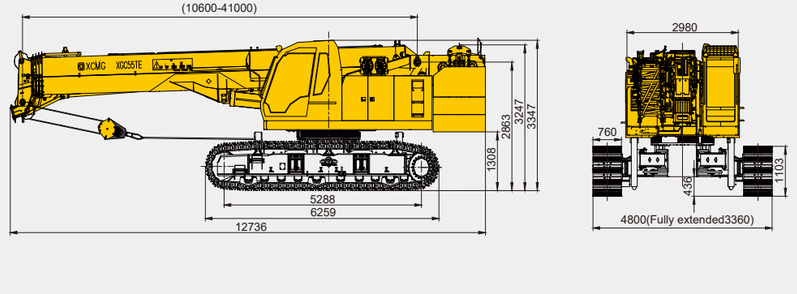
XGC55TE

Brief product introduction

The max. rated lifting capacity of XGC55T telescopic crawler crane is 55t, with five telescopic boom sections, 41m fully-extended boom (10.6～41m), and 9.5～16m jib. Its boom length can fulfill various working radius demands. Telescoping crawler track, not only meets the high stability requirement of lifting operation, but also the outline dimension requirement for overall crane transportation.

Main Specification

Item			Unit	Parameters
Dimension	Overall length		mm	12736
	Overall width (extension/retraction)		mm	4800/3360
	Overall height		mm	3347
	Central distance from drive roller to driven roller		mm	5288
	Track shoe width		mm	760
Travel	Total mass in travel state		kg	62000
	Max. travel speed with no load		km/h	2.3
	Max. travel speed with full load		km/h	1.5
	Min. ground clearance		mm	436
	Max. grade-ability		%	45
	Ground pressure		MPa	0.08
	Max. rated lifting capacity		t	55
Main performance	Min. rated working radius		m	3
	Max. load moment		kN·m	2116.8
	Boom length	Base boom	m	10.6
		Max. length boom	m	41
		Max. length boom + Jib	m	57
	Jib offset angle		°	0、15、30
Working speed	Boom raising time		s	60
	Boom full extension time		s	110
	Max. slewing speed		r/min	2.0
	Hoisting speed (no load at the 4th layer)	Main winch	m/min	140
		Auxiliary winch	m/min	140



TOWER CRANE

06

In 1957, XCMG began to get involved in the construction machinery industry since the first 6-ton tower crane was produced. Meanwhile, XCMG Tower Crane began the struggle of construction industry.

With sixty years' accumulation of originality, XCMG Tower Crane stick to the goal of manufacturing the safest tower cranes and construction hoists. Concentrating and innovating in the field with craftsman spirit, now XCMG Tower Crane has become a large-scale enterprise with full range of products, unique competitiveness, and influence in China construction industry.

The main products cover 63-500 tm Top-kit Tower Cranes, 80-4200 tm Topless Tower Cranes and 80-3500 tm Luffing Tower Cranes and construction hoists that meet different construction speeds. Full series, intelligent, high security construction cranes open infinite possibilities for construction project

XCMG Tower Crane, build the world! XCMG Tower Crane will inherit the core values of “Taking great responsibilities, acting with great morals, and Making great achievements” and the enterprise spirit of “Strict, practical, progressive and innovative”, towards the dream of conquest the peak of manufacturing industry, determined to become a construction hoisting machinery manufacturing enterprise as “First choice in China, First-class in the world”.

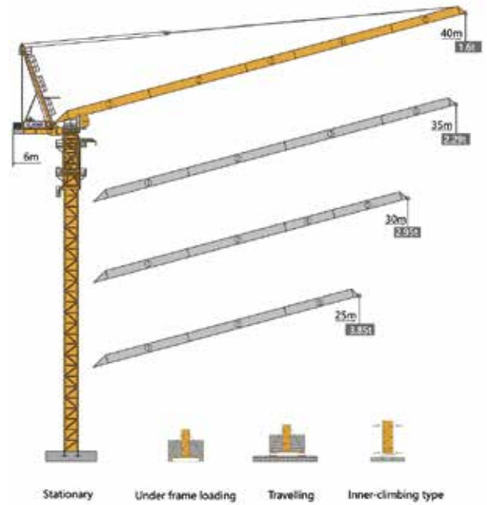
XCMG, for your success!

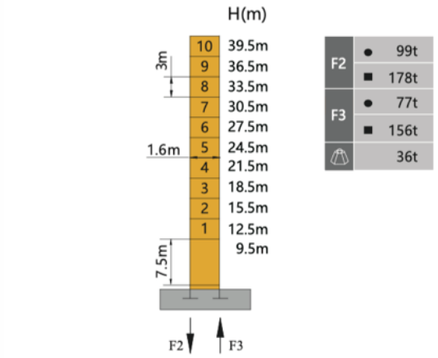
XUZHOU CONSTRUCTION MACHINERY GROUP IMP. & EXP. CO., LTD

PRODUCT FOR EUROPE

Luffing-Boom tower crane

XGL80E-6S





F2	● 99t
	■ 178t
F3	● 77t
	■ 156t
	36t

H(m) Height of hinged point at jib root

● Reactions in service ■ Reactions out of service

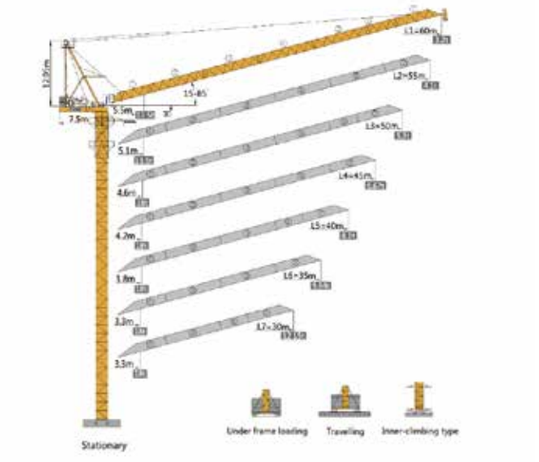
Weight with max free standing, max jib (without counter-jib ballast and load)

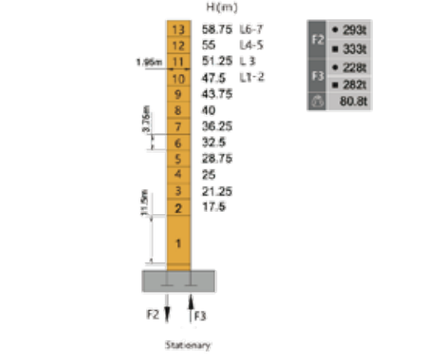
Main Specification

Item		Unit	Parameters					
Mechanism working level		/	Hoisting Mechanism			H1		
Height of jib root hinge point		m	Free-standing			Attached		
			39.5			135.5		
Rated lifting moment		t·m	80					
Max lifting capacity		t	6					
Working radius	Max	m	40					
	Min	m	2.2					
Hosting Mechanism	Fall	/	a=2			a=4		
	Speed	m/min	0~100	0~70	0~40	0~50	0~35	0~20
	Capacity	t	0.8	1.5	3	1.6	3	6
	Power	kW	22					
Slewing Mechanism	Speed	r/min	0～0.6					
	Power	kW	5.5					
Trolleying Mechanism	Time for whole trolley	min	2					
	Power	kW	22					
Jacking Mechanism	Speed	m/min	0.71					
	Power	kW	7.5					
	Rated working pressure	MPa	25					
Counter Weight	Jib L	m	40	35	30	25		
	Weight	t	8.4	8.4	8.4	8.4		
Power		kW	49.5(Jacking system is excluded)					
Power supply		/	380V±10%、50Hz					
Working temperature		℃	-20～+40					

Luffing-Boom tower crane

XGL300-18S



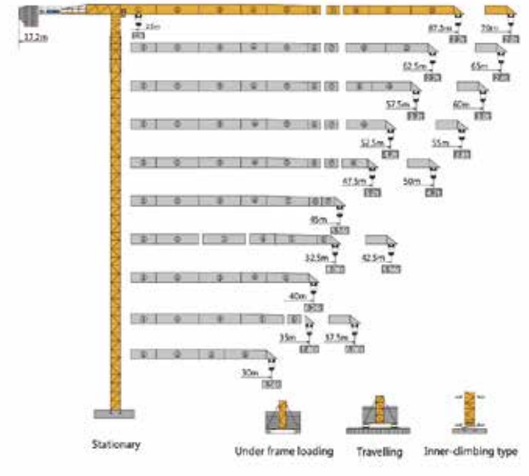


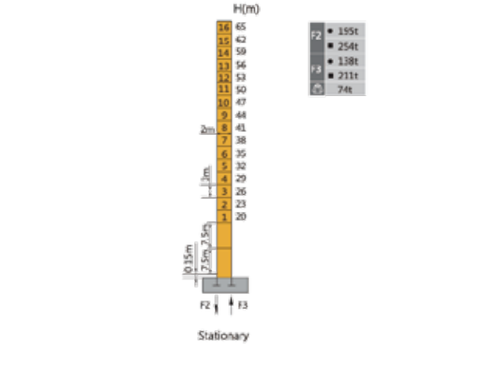
Main Specification

Item		Unit	Parameters						
Mechanism working level	Hoisting Mechanism	/	M4						
	Slewing Mechanism	/	M5						
	Trolleying Mechanism	/	M4						
Hoistingheight		m	Free−standing					Attached	
		m	47.5					268.75	
Rated lifting moment		t・m	300						
Max lifting capacity		t	18						
Working radius	Max	m	60						
	Min	m	6.5						
Hosting Mechanism	Fall	/	a=2			a=4			
	Speed	m/min	0~100	0~76	0~40	0~50	0~38	0~20	
	Capacity	t	1.9	3.1	9	3.8	6.3	18	
	Power	kW	67						
Slewing Mechanism	Speed	r/min	0 ~ 0.7						
	Power	kW	2 × 7.5						
Trolleying Mechanism	Time for whole trolley	min	2,5						
	Power	kW	45						
Jacking Mechanism	Speed	m/min	0.4						
	Power	kW	7.5						
	Rated working pressure	MPa	19.6						
Counter Weight	Jib L	m	60	55	50	45	40	35	30
	Weight	t	30.1	30.1	30.1	30.1	30.1	30.1	30.1
Power		kW	137(Jacking system is excluded)						
Power supply		/	380V ± 10%、50Hz						
Working temperature		℃	−20 ~ +40						

Topless tower crane

XGT7020E-10S1

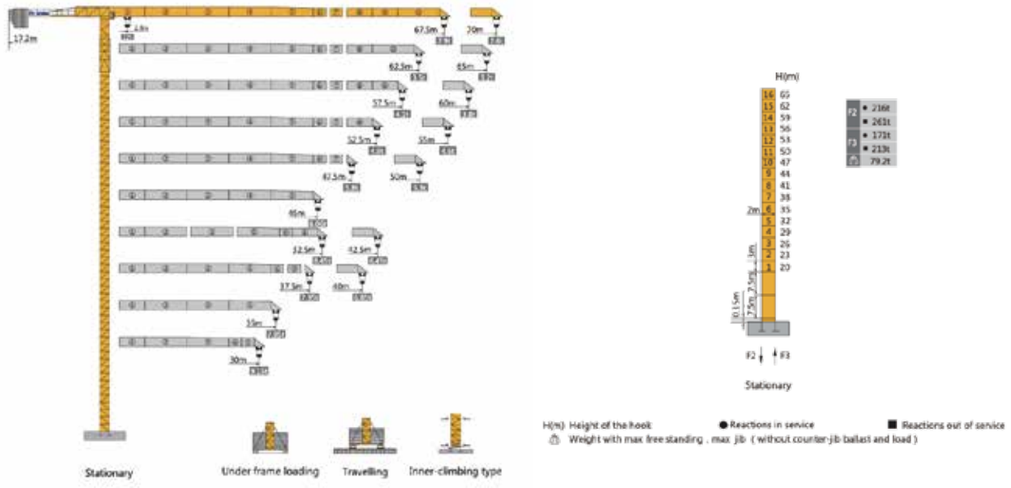




Main Specification

Item		Unit	Parameters								
Mechanism working level	Hoisting Mechanism	/	M4								
	Slewing Mechanism	/	M5								
	Trolleying Mechanism	/	M4								
Hoistingheight		m	Fall	Free−standing				Attached			
		m	a=2	65				305			
Rated lifting moment		t・m	250								
Max lifting capacity		t	10								
Working radius	Max	m	70								
	Min	m	2.5								
Hosting Mechanism	Fall	/	a=2				a=4				
	Speed	m/min	0~80	0~56	0~40	0~40	0~28	0~20			
	Capacity	t	2	3	5	4	6	10			
	Power	kW	45								
Slewing Mechanism	Speed	r/min	0 ~ 0.7								
	Power	kW	2 × 7.5								
Trolleying Mechanism	Time for whole trolley	min	0 ~ 75								
	Power	kW	5.5								
Jacking Mechanism	Speed	m/min	0.5								
	Power	kW	11								
	Rated working pressure	MPa	36								
Counter Weight	Jib L	m	70	65	60	55	50	45	40	35	30
	Weight	t	17.9	17.9	16.1	16.1	15.8	15.8	14.0	13.3	10.5
Power		kW	65.5(Jacking system is excluded)								
Power supply		/	380V ± 10%、50Hz								
Working temperature		℃	−20 ~ +40								

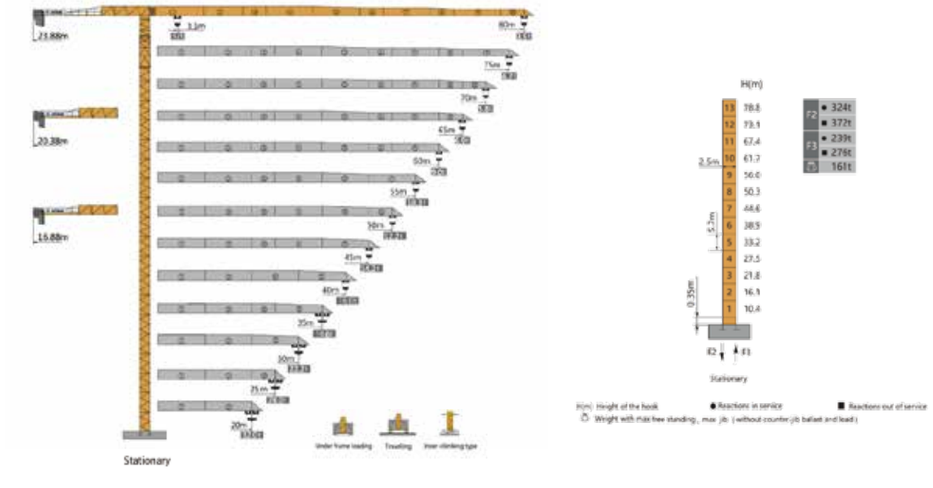
XGT7026E-12S1



Main Specification

Item		Unit	Parameters								
Mechanism working level	Hoisting Mechanism	/	M4								
	Slewing Mechanism	/	M5								
	Trolleying Mechanism	/	M4								
Hoistingheight		m	Fall		Free-standing			Attached			
		m	a=2		65			305			
Rated lifting moment		t・m	260								
Max lifting capacity		t	12								
Working radius	Max	m	70								
	Min	m	2.8								
Hosting Mechanism	Fall	/	a=2				a=4				
	Speed	m/min	0~96	0~72	0~48	0~48	0~36	0~24			
	Capacity	t	3.0	4.5	6	6	9	12			
	Power	kW	55								
Slewing Mechanism	Speed	r/min	0 ~ 0.7								
	Power	kW	2 × 7.5								
Trolleying Mechanism	Time for whole trolley	min	0 ~ 75								
	Power	kW	5.5								
Jacking Mechanism	Speed	m/min	0.5								
	Power	kW	11								
	Rated working pressure	MPa	36								
Counter Weight	Jib L	m	70	65	60	55	50	45	40	35	30
	Weight	t	20.2	20.2	20.2	20.2	18.9	17.4	14.6	13.3	10.5
Power		kW	75.5(Jacking system is excluded)								
Power supply		/	380V ± 10%、50Hz								
Working temperature		℃	−20 ~ +40								

XGT600E-32S

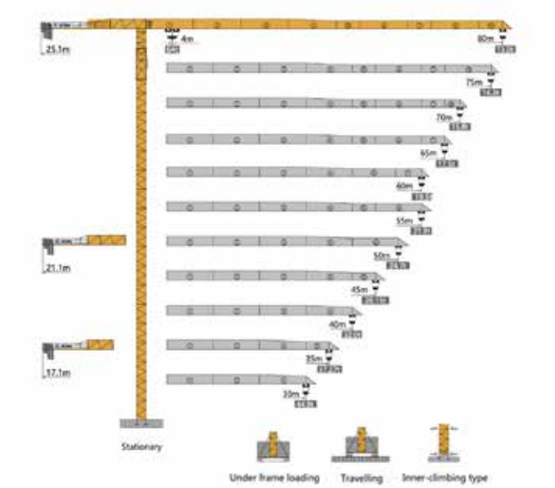


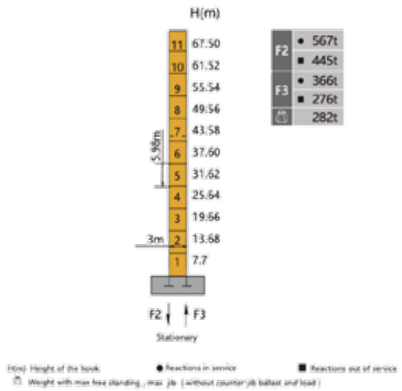
Main Specification

Item		Unit	Parameters								
Mechanism working level	Hoisting Mechanism	/	M4								
	Slewing Mechanism	/	M5								
	Trolleying Mechanism	/	M4								
Hoistingheight		m	Free-standing					Attached			
		m	78.8					323.9			
		m	600								
Rated lifting moment		t・m	32								
Max lifting capacity		t	80								
Working radius	Max	m	3.5								
	Min	m	a=2				a=4				
Hosting Mechanism	Fall	/	0~136	0~64	0~32	0~68	0~32	0~16			
	Speed	m/min	2	6	16	4	12	32			
	Capacity	t	98								
	Power	kW	0 ~ 0.8								
Slewing Mechanism	Speed	r/min	3 × 9.0								
	Power	kW	0 ~ 80								
Trolleying Mechanism	Time for whole trolley	min	11								
	Power	kW	0.45								
Jacking Mechanism	Speed	m/min	15								
	Power	kW	37								
	Rated working pressure	MPa									
Counter Weight	Jib L	m	80	75	70	65	60	55	50	45	40	35	30
	Weight	t	28.96	28.96	28.96	28.96	28.96	28.96	33.25	33.25	28.06	28.96	24.21
Power		kW	136(Jacking system is excluded)										
Power supply		/	380V ± 10%、50Hz										
Working temperature		℃	−20 ~ +40										

Topless tower crane

XGT1200E-64S





Main Specification

Item		Unit	Parameters									
Mechanism working level	Hoisting Mechanism	/	M4									
	Slewing Mechanism	/	M5									
	Trolleying Mechanism	/	M4									
Hoistingheight		m	Free-standing					Attached				
		m	67.5					238.5				
Rated lifting moment		t · m	1200									
Max lifting capacity		t	64									
Working radius	Max	m	80									
	Min	m	4.0									
Hosting Mechanism	Fall	/	a=2					a=4				
	Speed	m/min	0~100		0~45		0~26	0~50		0~23		0~13
	Capacity	t	5		16		32	10		32		64
	Power	kW	170									
Slewing Mechanism	Speed	r/min	0 ~ 0.6									
	Power	kW	3 × 15									
Trolleying Mechanism	Time for whole trolley	min	0 ~ 50									
	Power	kW	18.5									
Jacking Mechanism	Speed	m/min	0.43									
	Power	kW	30									
	Rated working pressure	MPa	26									
Counter Weight	Jib L	m	80	75	70	65	60	55	50	45	40	35	30
	Weight	t	74.4	69.0	69.0	64.9	59.5	59.5	74.4	69.0	61.9	74.4	69.0
Power		kW	233.5(Jacking system is excluded)										
Power supply		/	380V ± 10%、50Hz										
Working temperature		℃	−20 ~ +40										

Construction Hoist

SC200/200FS1-E

- The industrial design of the whole machine, is widely used perforated aluminum plates, with novel, high-end and elegant appearance;
- The main structural parts such as the elevator cage and the bottom cage applies lightweight design;
- The bottom cage applies quick installation and disassembly technology. Only one person can install and disassemble, which is very convenient and easy;
- The structural parts apply modular design, which is versatile and convenient to maintain;
- The transmission mechanism uses a gear reducer, which has high transmission efficiency and is green and energy saving;
- The frequency conversion control is used for the electrical devices, with simple control and stable operation, which is safe and reliable.

Main Specification

Item	Unit	Parameters
Model	/	Double Cage SC200/200FS1−E
Cage Size	m	3.2 × 1.5 × 2.2
Rated load	t	2 × 2.0
Hoisting Speed	m/min	0~50
Height	m	60
Motor Power	kW	2 × 2 × 18.5
Inverter Power	kW	2 × 37
Safety Device	/	SSAJ40−1.2

Remark:

- The size of mast section is 650×650×1508mm;
- Standard confirmation: Cable drum, anchorage frame adjustment range is 3-3. 6m, powder spraying type mast sections, face recognition, automatic leveling, fault self-diagnosis, electric boom, floor pagers, etc.
- Optional configuration: Sliding contact line, hot-dip galvanized type mast sections.
- The size of cages and the adjustment range of anchorage frames can be customized.

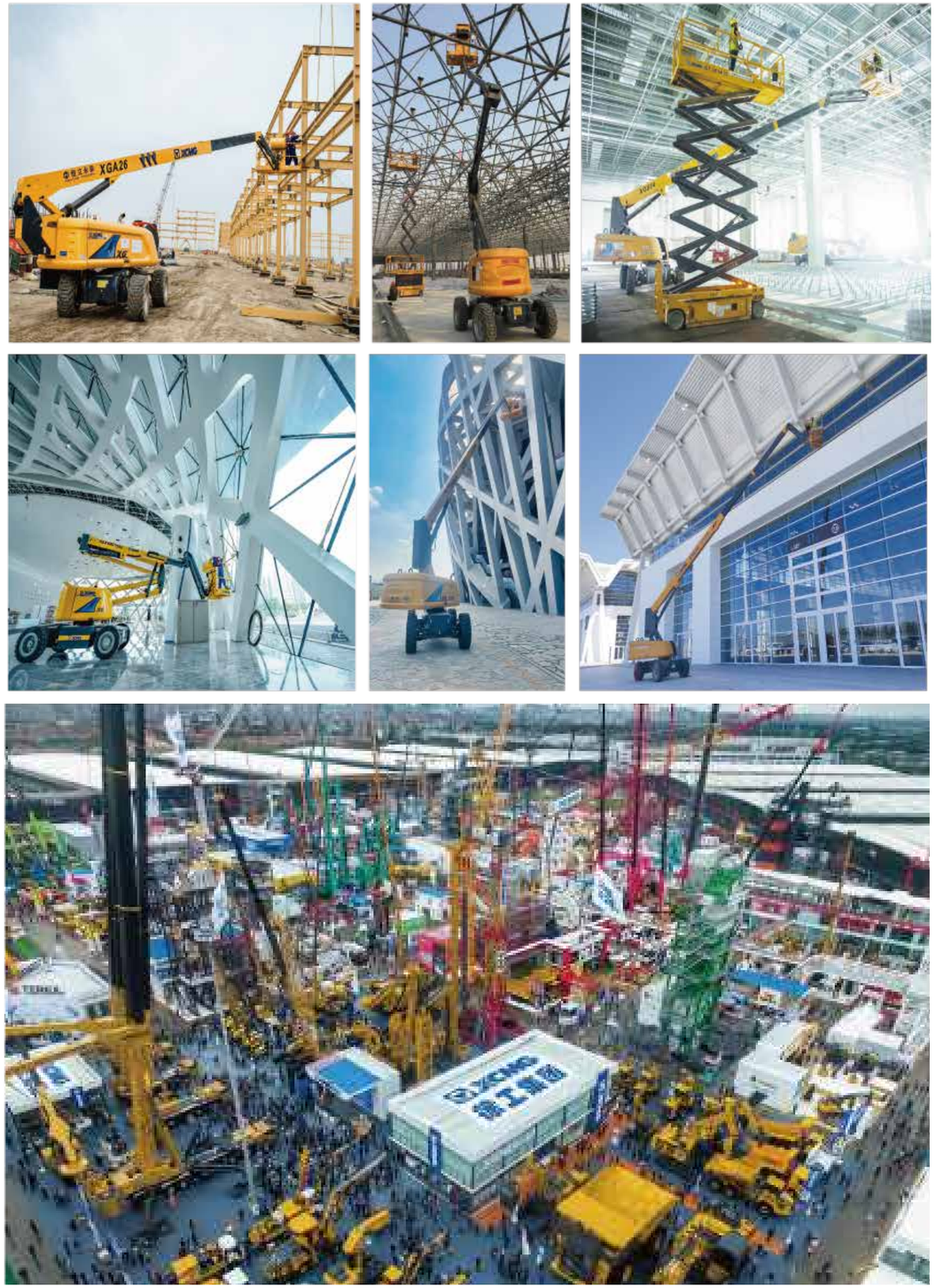
MOBILE ELEVATING WORK PLATFORM

XCMG

07

XCMG XUZHOU CONSTRUCTION MACHINERY GROUP IMP. & EXP. CO., LTD

PRODUCT FOR EUROPE



TELESCOPIC BOOM LIFT

MODEL SPECTRUM

XGS22E — XGS28E — XGS40E — XGS50E — XGS58E

HIGHLIGHTS

Safety

Load sensing system provides overload detection and reporting, which ensures the machine not been overloaded above the specified capacities. Full configuration of safety devices, such as automatic emergency stop unit, can protect the operators from accident injuries.

Precise control

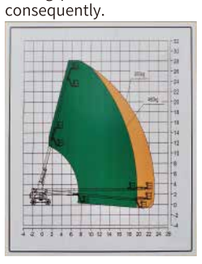
Continuously variable transmission can be realized through the rotary speed knob and allows the machine to have better micro-mobility. The platform can be precisely adjusted to ±1.5° which is among the best worldwide.

Strong power

Four-wheel drive and oscillating axle ensure superior terrainability and outstanding gradeability, which have been taken as standard configuration for most models.

High conversion efficiency

Most models are packed with more platform capacity than the competition, and dual-rated platform capacities up to industry-leading 460 kg provides the machine with high performance and efficiency consequently.



Energy saving

Energy saving technology decreases the cost of ownership, and the combined optimized hydro-electrical system is moral and more friendly to the environment.

XGS22E

Telescopic boom lift

FEATURES

MEASUREMENTS

22m working height
Up to 300/460kg lift capacity

PRODUCTIVITY

2.4m × 0.9m steel platform
4 driving wheels
2 steering wheels
45% theoretical gradeability
Axle balance system
Solid rubber tires
Platform automatic leveling system
160° platform rotation
Fully proportional multi-function controls
Hydraulic oil cooler
Drive enable
Hourmeter record
Tilt alarm
Lift and lower alarm
Drive alarm
360° continuous turntable rotation
Lockable turntable cover
High/Slow speed mode
Turntable control box
Engine status display
Steering lever control
Flashing beacon
Emergency power unit
12V DC emergency power

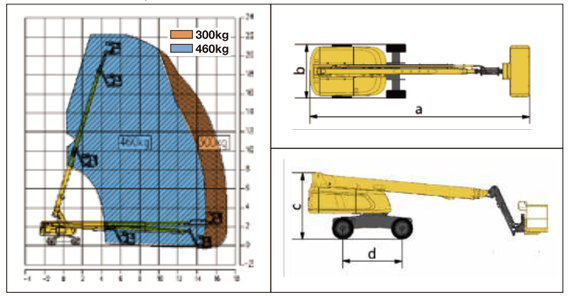
POWER

Engine protection devices
Kubota Euro stage V emission

OPTIONS

Foam-filled rough terrain tires
Tool tray
Platform working light
AC power to the platform
Platform anti-collision device

Work Curve Graph



Item	Unit	XGS22E
Working Height	m	22
Plaform Height	m	20
Working radius	m	17.2
Lift capacity	kg	300/460
Boom luffing range	°	-3~+73
Fly jib luffing range	°	-65～+70
Turntable rotation	°	360
Platform rotation	°	160
Tailswing	mm	1310
Drive Speed	km/h	6.3
Turning Radius (inside)	m	3.28
Turning Radius (outside)	m	6
Ground clearance	mm	230
Gradeability	%	45
Tires	-	36×14-20; 335/55D625
Power source	-	Kubota V2403
Rated power	kW(r/min)	36.8/2700
Fuel tank	L	150
Hydraulic tank	L	120
Weight	kg	12460
Platform size	mm	2400x900
a Length	mm	10080
b Width	mm	2490
c Height	mm	2460
d Wheelbase	mm	2500

XGS28E

Telescopic boom lift

FEATURES

MEASUREMENTS

28.2m working height
Up to 300/460kg lift capacity

PRODUCTIVITY

2.4m × 0.9m steel platform
4 driving wheels
2 steering wheels
40% theoretical gradeability
Axle balance system
Solid rubber tires
Platform automatic leveling system
160° platform rotation
Fully proportional multi-function controls
Hydraulic oil cooler
Drive enable
Hourmeter record
Tilt alarm
Lift and lower alarm
Drive alarm
360° continuous turntable rotation
Lockable turntable cover
High/Slow speed mode
Turntable control box
Engine status display
Steering lever control
Flashing beacon
Emergency power unit
12V DC emergency power

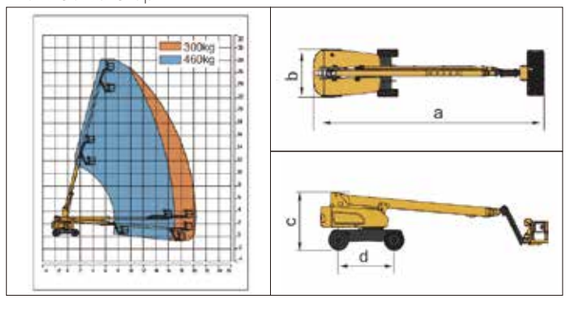
POWER

Engine protection devices
Kubota Euro stage V emission

OPTIONS

Foam-filled rough terrain tires
Tool tray
Platform working light
AC power to the platform
Platform anti-collision device

Work Curve Graph



Item	Unit	XGS28E
Working Height	m	28.2
Plaform Height	m	26.2
Working radius	m	23
Lift capacity	kg	300/460
Boom luffing range	°	-5~+75
Fly jib luffing range	°	-64~+70
Turntable rotation	°	360
Platform rotation	°	160
Tailswing	mm	1600
Drive Speed	km/h	6.1
Turning Radius (inside)	m	3.6
Turning Radius (outside)	m	6.7
Ground clearance	mm	310
Gradeability	%	40
Tires	-	385/45-28
Power source	-	Kubota V2607
Rated power	kW(r/min)	48/2400
Fuel tank	L	180
Hydraulic tank	L	210
Weight	kg	18300
Platform size	mm	2400x900
a Length	mm	12300
b Width	mm	2490
c Height	mm	3050
d Wheelbase	mm	3000

XGS40E

Telescopic boom lift

FEATURES

MEASUREMENTS

40.2m working height
Up to 300/460kg lift capacity

PRODUCTIVITY

2.4m × 0.9m steel platform
4 driving wheels
4 steering wheels
40% theoretical gradeability
Axle balance system
Solid rubber tires
Platform automatic leveling system
160° platform rotation
Fully proportional multi-function controls
Hydraulic oil cooler
Drive enable
Hourmeter record
Tilt alarm
Lift and lower alarm
Drive alarm
360° continuous turntable rotation
Lockable turntable cover
High/Slow speed mode
Turntable control box
Engine status display
Steering lever control
Flashing beacon
Emergency power unit
12V DC emergency power

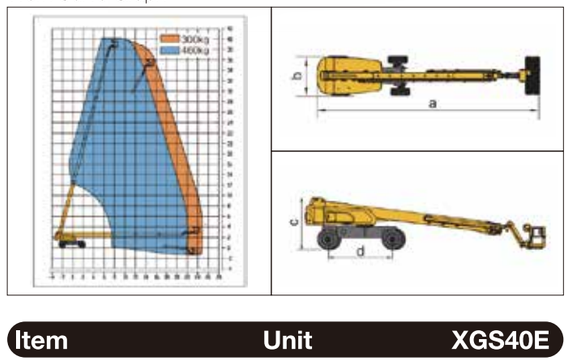
POWER

Engine protection devices
Kubota Euro stage V emission

OPTIONS

Foam-filled rough terrain tires
Tool tray
Platform working light
AC power to the platform
Platform anti-collision device

Work Curve Graph



Item		Unit	XGS40E
Working Height		m	40.2
Plaform Height		m	38.2
Working radius		m	24.9
Lift capacity		kg	300/460
Boom luffing range		°	-6.5~+75
Fly jib luffing range		°	-60～+70
Turntable rotation		°	360
Platform rotation		°	160
Tailswing		mm	2355/1700
Drive Speed		km/h	5
Turning Radius axle retracted	(inside)	m	3.3
	(outside)	m	6.8
Turning Radius axle extended	(inside)	m	2.4
	(outside)	m	5.8
Ground clearance		mm	260
Gradeability		%	40
Tires		-	445/50D710
Power source		-	Kubota V3307
Rated power		kW(r/min)	54.6（2200）
Fuel tank		L	180
Hydraulic tank		L	260
Weight		kg	21460
Platform size		mm	2400x900
a Length		mm	14060
b Width (axle retracted/axle extended)		mm	2490/3800
c Height		mm	3000
d Wheelbase (axle retracted/axle extended)		mm	2490/3800

XGS50E

Telescopic boom lift

FEATURES

MEASUREMENTS

50m working height
Up to 300/460kg lift capacity

PRODUCTIVITY

2.4m × 0.9m steel platform
4 driving wheels
4 steering wheels
45% theoretical gradeability
Solid rubber tires
Platform automatic leveling system
160° platform rotation
Fully proportional multi-function controls
Hydraulic oil cooler
Drive enable
Hourmeter record
Tilt alarm
Lift and lower alarm
Drive alarm
360° continuous turntable rotation
Lockable turntable cover
High/Slow speed mode
Turntable control box
Engine status display
Steering lever control
Flashing beacon
Emergency power unit
12V DC emergency power

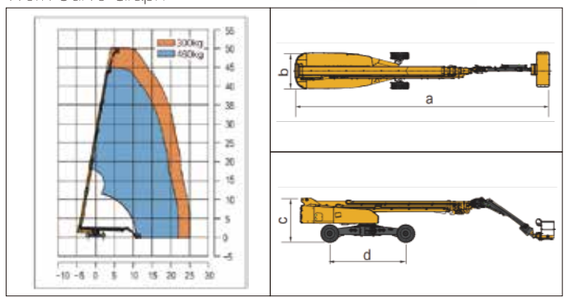
POWER

Engine protection devices
Kubota Euro stage V emission

OPTIONS

Foam-filled rough terrain tires
Tool tray
Platform working light
AC power to the platform
Platform anti-collision device

Work Curve Graph



Item		Unit	XGS50E
Working Height		m	50
Plaform Height		m	48
Working radius		m	25.2
Lift capacity		kg	300/460
Boom luffing range		°	0~+80
Fly jib luffing range		°	-45～+75
Turntable rotation		°	360
Platform rotation		°	160
Tailswing		mm	2000
Drive Speed		km/h	4.5
Turning Radius axle retracted	(inside)	m	7.6
	(outside)	m	9.5
Turning Radius axle extended	(inside)	m	2.8
	(outside)	m	6.6
Ground clearance		mm	400
Gradeability		%	45
Tires		-	455/50D710 24
Power source		-	Kubota V3307
Rated power		kW(r/min)	55.4/2200
Fuel tank		L	200
Hydraulic tank		L	250
Weight		kg	24440
Platform size		mm	2400x900
a Length		mm	17460
b Width (axle retracted/axle extended)		mm	2490/5030
c Height		mm	3000
d Wheelbase (axle retracted/axle extended)		mm	5220/4590

XGS58E

Telescopic boom lift

FEATURES

MEASUREMENTS

58.6m working height
Up to 230/450kg lift capacity

PRODUCTIVITY

2.4m × 0.9m steel platform
4 driving wheels
4 steering wheels
45% theoretical gradeability
Solid rubber tires
Platform automatic leveling system
160° platform rotation
Fully proportional multi-function controls
Hydraulic oil cooler
Drive enable
Hourmeter record
Tilt alarm
Lift and lower alarm
Drive alarm
360° continuous turntable rotation
Lockable turntable cover
High/Slow speed mode
Turntable control box
Engine status display
Steering lever control
Flashing beacon
Emergency power unit
12V DC emergency power

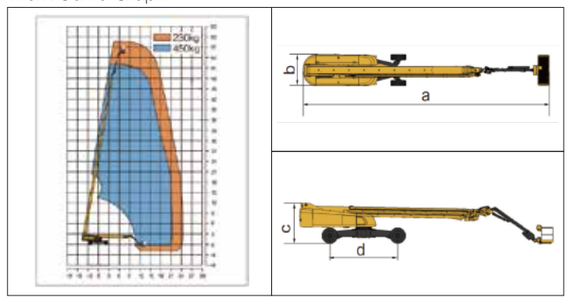
POWER

Engine protection devices
Cummins Euro stage V emission

OPTIONS

Foam-filled rough terrain tires
Tool tray
Platform working light
AC power to the platform
Platform anti-collision device

Work Curve Graph



Item		Unit	XGS58E
Working Height		m	58.6
Plaform Height		m	56.6
Working radius		m	24.8
Lift capacity		kg	230/450
Boom luffing range		°	-1~+80
Fly jib luffing range		°	-45～+75
Turntable rotation		°	360
Platform rotation		°	160
Tailswing		mm	2320
Drive Speed		km/h	4.5
Turning Radius axle retracted	(inside)	m	7.6
	(outside)	m	9.5
Turning Radius axle extended	(inside)	m	2.8
	(outside)	m	6.6
Ground clearance		mm	250
Gradeability		%	45
Tires		-	455/55-25 R28
Power source		-	Cummins F3.8
Rated power		kW(r/min)	75/2200
Fuel tank		L	200
Hydraulic tank		L	250
Weight		kg	27900
Platform size		mm	2400x900
a Length		mm	19450
b Width (axle retracted/axle extended)		mm	2490/5030
c Height		mm	3070
d Wheelbase (axle retracted/axle extended)		mm	5220/4590

ARTICULATED BOOM LIFT

MODEL SPECTRUM

XGA16E | XGA18E | XGA20E | XGA16ACE | XGA18ACE | XGA20ACE

HIGHLIGHTS

Safety

Load sensing system provides overload detection and reporting, which ensures the machine not been overloaded above the specified capacities. Full configuration of safety devices, such as automatic emergency stop unit, emergency lowering system, and chassis tilt protection can protect the operators from accident injuries.

Precise control

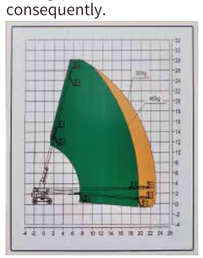
Continuously variable transmission can be realized through the rotary speed knob and allows the machine to have better micro-mobility. The platform can be precisely adjusted to ±1.5° which is among the best worldwide.

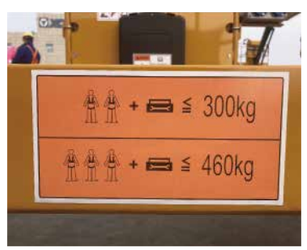
Flexible

Two-stage compact boom and small tail swing allow for more flexible rotation in narrow working space and faster setup as well.

High conversion efficiency

Most models are packed with more platform capacity than the competition, and dual-rated platform capacities up to industry-leading 460 kg provides the machine with high performance and efficiency consequently.





Energy saving

Energy saving technology decreases the cost of ownership, and the combined optimized hydro-electrical system is moral and more friendly to the environment.

XGA16E

Articulated boom lift

FEATURES

MEASUREMENTS

16.63m working height
Up to 256/350kg lift capacity

PRODUCTIVITY

1.83m×0.76m steel platform
4 driving wheels
2 steering wheels
45% theoretical gradeability
Axle balance system
Solid rubber tires
Platform automatic leveling system
160° platform rotation
Fully proportional multi-function controls
Hydraulic oil cooler
Drive enable
Hourmeter record
Tilt alarm
Lift and lower alarm
Drive alarm
355° non-continuous turntable rotation
Lockable turntable cover
High/Slow speed mode
Turntable control box
Engine status display
Steering lever control
Flashing beacon
Emergency power unit
12V DC emergency power

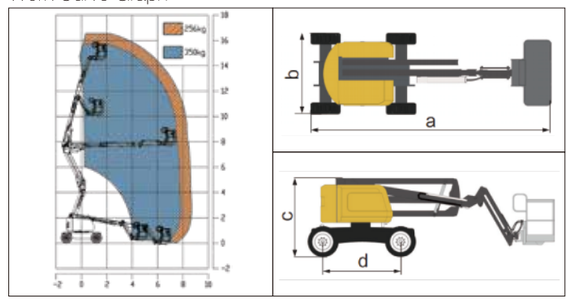
POWER

Engine protection devices
Kubota Euro stage V emission

OPTIONS

Solid non-marking tires
Tool tray
Platform working light
AC power to the platform
Platform anti-collision device

Work Curve Graph



Item	Unit	XGA16E
Working Height	m	16.63
Plaform Height	m	14.63
Working radius	m	8.82
Lift capacity	kg	256/350
1stBoom luffing range	°	0~+65
2ndBoom luffing range	°	-11~+75
Fly jib luffing range	°	-60~+70
Turntable rotation	°	355
Platform rotation	°	160
Tailswing	mm	0
Drive Speed	km/h	5.5
Turning Radius (inside)	m	1.9
Turning Radius (outside)	m	4.7
Ground clearance	mm	300
Gradeability	%	45
Tires	-	33×12 solid tire
Power source	-	Kubota V2403
Rated power	kW(r/min)	36.8/2700
Fuel tank	L	65
Hydraulic tank	L	85
Weight	kg	7600
Platform size	mm	1830×760
a Length	mm	6850
b Width	mm	2320
c Height	mm	2380
d Wheelbase	mm	2360

XGA18E

Articulated boom lift

FEATURES

MEASUREMENTS

18m working height
Up to 256/350kg lift capacity

PRODUCTIVITY

1.83m×0.76m steel platform
4 driving wheels
2 steering wheels
45% theoretical gradeability
Axle balance system
Solid rubber tires
Platform automatic leveling system
160° platform rotation
Fully proportional multi-function controls
Hydraulic oil cooler
Drive enable
Hourmeter record
Tilt alarm
Lift and lower alarm
Drive alarm
360° continuous turntable rotation
Lockable turntable cover
High/Slow speed mode
Turntable control box
Engine status display
Steering lever control
Flashing beacon
Emergency power unit
12V DC emergency power

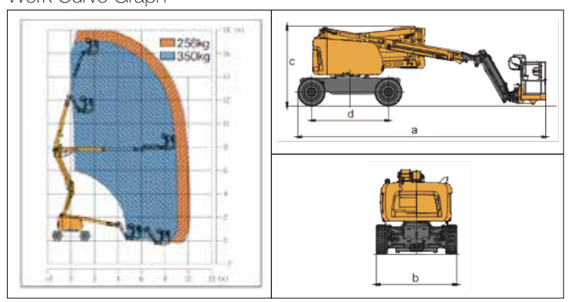
POWER

Engine protection devices
Kubota Euro stage V emission

OPTIONS

Solid non-marking tires
Hydraulic oil cooler
Tool tray
Platform working light
AC power to the platform
Platform anti-collision device

Work Curve Graph



Item	Unit	XGA18E
Working Height	m	18.01
Plaform Height	m	16.01
Working radius	m	10.26
Lift capacity	kg	256/350
1stBoom luffing range	°	0~+65
2ndBoom luffing range	°	-11~+75
Fly jib luffing range	°	-60~+70
Turntable rotation	°	360
Platform rotation	°	160
Tailswing	mm	0
Drive Speed	km/h	5.5
Turning Radius (inside)	m	1.9
Turning Radius (outside)	m	4.7
Ground clearance	mm	300
Gradeability	%	45
Tires	-	33×12 solid tire
Power source	-	Kubota V2403
Rated power	kW(r/min)	36.8/2700
Fuel tank	L	65
Hydraulic tank	L	85
Weight	kg	8700
Platform size	mm	1830×760
a Length	mm	7640
b Width	mm	2320
c Height	mm	2380
d Wheelbase	mm	2360

XGA20E

Articulated boom lift

FEATURES

MEASUREMENTS

20.63m working height
Up to 256/350kg lift capacity

PRODUCTIVITY

1.83m×0.76m steel platform
4 driving wheels
2 steering wheels
45% theoretical gradeability
Axle balance system
Solid rubber tires
Platform automatic leveling system
160° platform rotation
Fully proportional multi-function controls
Hydraulic oil cooler
Drive enable
Hourmeter record
Tilt alarm
Lift and lower alarm
Drive alarm
360° continuous turntable rotation
Lockable turntable cover
High/Slow speed mode
Turntable control box
Engine status display
Steering lever control
Flashing beacon
Emergency power unit
12V DC emergency power

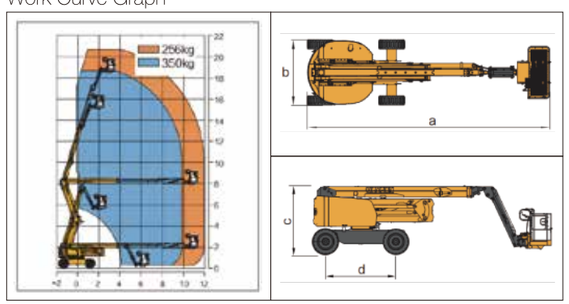
POWER

Engine protection devices
Kubota Euro stage V emission

OPTIONS

Foam-filled rough terrain tires
Hydraulic oil cooler
Tool tray
Platform working light
AC power to the platform
Platform anti-collision device

Work Curve Graph



Item	Unit	XGA20E
Working Height	m	20.63
Plaform Height	m	18.63
Working radius	m	12.08
Lift capacity	kg	256/350
1stBoom luffing range	°	0~+72
2ndBoom luffing range	°	0~+73
Fly jib luffing range	°	-65~+70
Turntable rotation	°	360
Platform rotation	°	160
Tailswing	mm	540
Drive Speed	km/h	5.5
Turning Radius (inside)	m	2.3
Turning Radius (outside)	m	5
Ground clearance	mm	330
Gradeability	%	45
Tires	-	36×14-20 solid tire
Power source	-	Kubota V2403
Rated power	kW(r/min)	36.8/2700
Fuel tank	L	90
Hydraulic tank	L	120
Weight	kg	9900
Platform size	mm	1830×760
a Length	mm	8520
b Width	mm	2300
c Height	mm	2400
d Wheelbase	mm	2500

XGA16ACE

Articulated boom lift

FEATURES

MEASUREMENTS

15.8m working height
Up to 227kg lift capacity

PRODUCTIVITY

1.4m×0.7m platform
2 driving wheels
2 steering wheels
30% theoretical gradeability
Solid rubber tires
Platform automatic leveling system
160° platform rotation
Fully proportional multi-function controls
Drive enable
Horn
Hourmeter record
Tilt alarm
Lift and lower alarm
Drive alarm
355° non-continuous turntable rotation
Lockable turntable cover
High/Slow speed mode
Flashing beacon

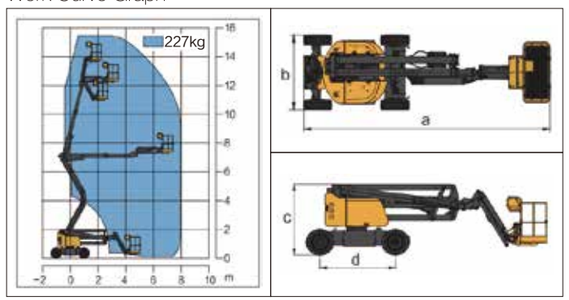
POWER

3.3kw/32V AC dirve motors
420Ah/48V DC power source

OPTIONS

Solid non-marking tires
Tool tray
Platform working light
AC power to the platform
Platform anti-collision device

Work Curve Graph



Item	Unit	XGA16ACE
Working Height	m	15.8
Plaform Height	m	13.8
Working radius	m	8.2
Lift capacity	kg	227
1stBoom luffing range	°	0~+60
2ndBoom luffing range	°	-8~+75
Fly jib luffing range	°	-60~+80
Turntable rotation	°	355
Platform rotation	°	160
Tailswing	mm	0
Drive Speed	km / h	5.2
Turning Radius (inside)	m	1.1
Turning Radius (outside)	m	3.3
Ground clearance	mm	210
Gradeability	%	30
Tires	-	250-15 solid tire
Control system	-	12V DC proportional control
Emergency control unit	-	12V DC battery
Power source	V/Ah	48/420(DC)
Main power unit	kW / V	4/48(DC)
Auxiliary power unit	kW / V	2.2/24(DC)
Dirve Motor	kW / V	3.3/32(AC)
Hydraulic tank	L	20
Weight	kg	6900
Platform size	mm	1400×700
a Length	mm	6600
b Width	mm	1750
c Height	mm	2000
d Wheelbase	mm	2010

XGA18ACE

Articulated boom lift

FEATURES

MEASUREMENTS

18m working height
Up to 256/350kg lift capacity

PRODUCTIVITY

1.8m×0.76m steel platform
2 driving wheels
2 steering wheels
30% theoretical gradeability
Solid rubber tires
Platform automatic leveling system
160° platform rotation
Fully proportional multi-function controls
Drive enable
Horn
Hourmeter record
Tilt alarm
Lift and lower alarm
Drive alarm
355° non-continuous turntable rotation
Lockable turntable cover
High/Slow speed mode
Flashing beacon

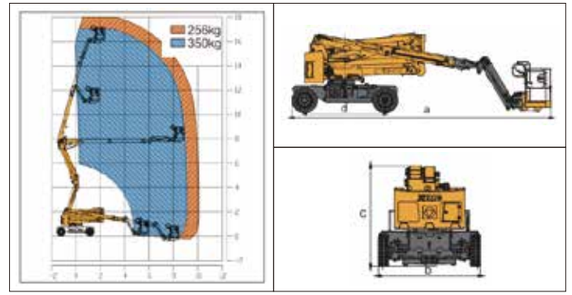
POWER

3.3kw/32V AC dirve motors
420Ah/48V DC power source

OPTIONS

Solid non-marking tires
Tool tray
Platform working light
AC power to the platform
Platform anti-collision device
Axle balance system

Work Curve Graph



Item	Unit	XGA18ACE
Working Height	m	18
Plaform Height	m	16
Working radius	m	10.1
Lift capacity	kg	256/350
1stBoom luffing range	°	0~+65
2ndBoom luffing range	°	-11~+75
Fly jib luffing range	°	-60~+70
Turntable rotation	°	355
Platform rotation	°	160
Tailswing	mm	0
Drive Speed	km / h	4.8
Turning Radius (inside)	m	3.2
Turning Radius (outside)	m	4.7
Ground clearance	mm	250
Gradeability	%	30
Tires	-	250-15 solid tire
Control system	-	12V DC proportional control
Emergency control unit	-	12V DC battery
Power source	V/Ah	48/420(DC)
Main power unit	kW / V	12/32(AC)
Auxiliary power unit	kW / V	2.3/12(DC)
Dirve Motor	kW / V	3.3/32(AC)
Hydraulic tank	L	82
Weight	kg	8600
Platform size	mm	1800×760
a Length	mm	7575
b Width	mm	2320
c Height	mm	2350
d Wheelbase	mm	2360

XGA20ACE

Articulated boom lift

FEATURES

MEASUREMENTS

20.6m working height
Up to 256/350kg (limited/unlimited) lift capacity

PRODUCTIVITY

1.8m×0.76m steel platform
4 driving wheels
2 steering wheels
45% theoretical gradeability
Solid non-marking tires
Platform automatic leveling system
160° platform rotation
Fully proportional multi-function controls
Drive enable
Horn
Hourmeter record
Tilt alarm
Lift and lower alarm
Drive alarm
360° continuous turntable rotation
Lockable turntable cover
High/Slow speed mode
Flashing beacon
Axle balance system

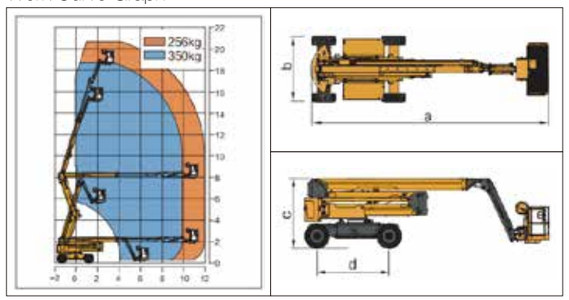
POWER

3.3kw/32V AC dirve motors
420Ah/48V DC power source

OPTIONS

Foam-filled rough terrain tires
Tool tray
Platform working light
AC power to the platform

Work Curve Graph



Item	Unit	XGA20ACE
Working Height	m	20.6
Plaform Height	m	18.6
Working radius	m	11.98
Lift capacity	kg	256/350
1stBoom luffing range	°	0~+72
2ndBoom luffing range	°	0~+73
Fly jib luffing range	°	-64~+70
Turntable rotation	°	360
Platform rotation	°	160
Tailswing	mm	560
Drive Speed	km / h	4.8
Turning Radius (inside)	m	3.4
Turning Radius (outside)	m	5
Ground clearance	mm	300
Gradeability	%	45
Tires	-	Non-marking tire
Control system	-	12V DC proportional control
Emergency control unit	-	12V DC battery
Power source	V/Ah	48/420(DC)
Main power unit	kW / V	12/32(AC)
Auxiliary power unit	kW / V	2.3/12(DC)
Dirve Motor	kW / V	3.3/32(AC)
Hydraulic tank	L	82
Weight	kg	9100
Platform size	mm	1800×760
a Length	mm	8490
b Width	mm	2490
c Height	mm	2380
d Wheelbase	mm	2500

MODEL SPECTRUM

XG1523RT | XG1823RT | XG0807AEW | XG0807AC/XG0807ACW | XG1008AC/XG1012AC | XG1212AC/XG1412AC/XG1614AC | XG0807HD/XG0807HDW

XG1008HD/XG1012HD | XG1212HD/XG1412HD/XG1614HD | XG0607DC | XG0608DC | XG0807DC/XG0807DCW | XG1008DC/XG1012DC | XG1212DC/XG1412DC/XG1614DC

HIGHLIGHTS

Enviroment firendly

Efficient and energy-saving power driving system results in zero emission and less noise; non-trace tires enable the machine to work in closed environment, such as office building, hospital and school, which reduces impact on environment to the minimum.

Safety

Safety protection mechanism including pit protection mechanism together with self-designed safety control system meets customers' needs on safety , reliability and intelligent functions viahuman-concerned design, complete protection and rich options.

Flexible

Excellent steering mechanism layout for zero turning radius, making easier and efficient scene change.

Stability

Optimized gravity design for safety of the whole machine, resulting in comfortable and easier aerial operation.

Compact

Compact design, foldable platform enables easier transport and scene change.

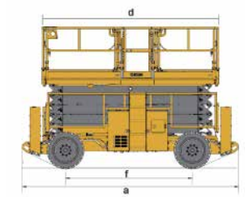
XG1523RT

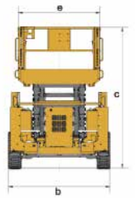
Rough terrain scissor lift

FEATURES

PRODUCTIVITY

15m working height
Up to 680kg lift capacity
4 driving wheels
40% theoretical gradeability
Outrigger leveling system
Both platform and ground control panel with emergency stop button
4-wheel multi-disc brakes
Solid rough terrain tires
Hourmeter record
Tilt alarm
Lift and lower alarm
Horn
Dual flashing beacons
Drive alarm
Overload alarm





POWER

12V DC emergency power
Kubota Euro stage V emission
115L hydraulic oil tank
115L diesel fuel tank

OPTIONS

Axle balance system
The lower frame protection device
Platform working light
AC power to the platform

Item	Unit	XG1523RT
Lift capacity	kg	680
Lift capacity of auxiliary platform	kg	230
Occupant Capacity	-	7
Working height	m	15
Platform height	m	13
Length of auxiliary platform	mm	1450/1140
Ground clearance	mm	253
Turning radius(inside/outside)	m	2.5/5.6
Drive speed-full retracted	km/h	6.1
Drive speed-full extended	km/h	1.1
Lift/Lower time	s	45/45
Gradeability	%	40
Tilt alarm(side/forward and backward)	°	2/3
Power source	-	Kubota V2403
Rated power	kW/(r/min)	36.8/2700
Tires	-	33 × 12-20
Fuel tank	L	115
Hydraulic tank	L	115
Weight	kg	7250
a Length(without ladder)	mm	4860(3980)
b Width	mm	2286
c Height(platform folded)	mm	2950(2290)
d x e Platform size(Length x Width)	mm	3980 × 1830
f Wheelbase	mm	2850

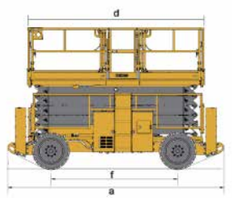
XG1823RT

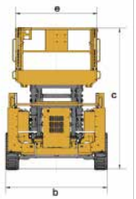
Rough terrain scissor lift

FEATURES

PRODUCTIVITY

18.1m working height
Up to 680kg lift capacity
4 driving wheels
40% theoretical gradeability
Outrigger leveling system
Both platform and ground control panel with emergency stop button
4-wheel multi-disc brakes
Solid rough terrain tires
Hourmeter record
Tilt alarm
Lift and lower alarm
Horn
Dual flashing beacons
Drive alarm
Overload alarm





POWER

12V DC emergency power
Kubota Euro stage V emission
115L hydraulic oil tank
115L diesel fuel tank

OPTIONS

Axle balance system
The lower frame protection device
Platform working light
AC power to the platform

Item	Unit	XG1823RT
Lift capacity	kg	680
Lift capacity of auxiliary platform	kg	230
Occupant Capacity	-	4
Working height	m	18.1
Platform height	m	16.1
Length of auxiliary platform	mm	1450/1140
Ground clearance	mm	253
Turning radius(inside/outside)	m	2.5/5.6
Drive speed-full retracted	km/h	6.1
Drive speed-full extended	km/h	1.1
Lift/Lower time	s	55/55
Gradeability	%	40
Tilt alarm(side/forward and backward)	°	2/3
Power source	-	Kubota V2403
Rated power	kW/(r/min)	36.8/2700
Tires	-	33 × 12-20
Fuel tank	L	115
Hydraulic tank	L	115
Weight	kg	8000
a Length(without ladder)	mm	4860(3980)
b Width	mm	2286
c Height(platform folded)	mm	3170(2510)
d x e Platform size(Length x Width)	mm	3980 × 1830
f Wheelbase	mm	2850

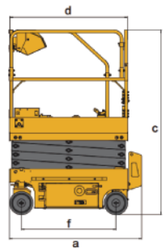
XG0807AEW

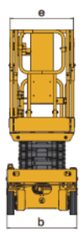
Scissor lift

FEATURES

PRODUCTIVITY

2 front driving wheels
25% theoretical gradeability
Battery charge indicator and diagnostic display
Manual platform lowering value
Both platform and ground control panel with emergency stop button
Front wheel multi-disc brakes
Manual brake release
Solid non-marking tires
Mobile pothole protection
Tilt alarm
Hourmeter record
Lift and lower alarm
Horn
Dual flashing beacons
Drive alarm
Overload alarm





OPTIONS

Platform working light
Air-line to platform
AC power to the platform
Lithium battery

Item	Unit	XG0807AEW
Lift capacity	kg	280
Lift capacity of auxiliary platform	kg	115
Occupant Capacity	-	2
Working height	m	7.8
Platform height	m	5.8
Length of auxiliary platform	mm	900
Ground clearance(Pot hole protector – raised/lowered)	mm	65/20
Turning radius(inside/outside)	m	0.02/1.75
Drive motor	kW	0.5
Lift motor	kW	1.4
Drive speed-full retracted	km/h	4.0
Drive speed-full extended	km/h	0.8
Lift/Lower time	s	13～30/30～45
Gradeability	%	25
Tilt alarm(side/forward and backward)	°	1.5/3.5
Batteries	V/Ah	2×12/75
Charger	V/A	24/30
Tires	-	323 x 100
Weight	kg	1600
a Length(without ladder)	mm	1900(1680)
b Width	mm	810
c Height(platform folded)	mm	2160(1830)
d x e Platform size(Length x Width)	mm	1670 x 740
f Wheelbase	mm	1360

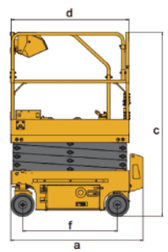
XG0807AC/XG0807ACW

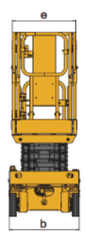
Scissor lifts

FEATURES

PRODUCTIVITY

2 front driving wheels
25% theoretical gradeability
Battery charge indicator and diagnostic display
Manual platform lowering value
Both platform and ground control panel with emergency stop button
Front wheel multi-disc brakes
Manual brake release
Solid non-marking tires
Mobile pothole protection
Tilt alarm
Hourmeter record
Lift and lower alarm
Horn
Dual flashing beacons
Drive alarm
Overload alarm





OPTIONS

Platform working light
Air-line to platform
AC power to the platform
Lithium battery

Item	Unit	XG0807AC	XG0807ACW
Lift capacity	kg	230	230
Lift capacity of auxiliary platform	kg	115	115
Occupant Capacity	-	2	2
Working height	m	7.8	7.8
Platform height	m	5.8	5.8
Length of auxiliary platform	mm	900	900
Ground clearance(Pot hole protector – raised/lowered)	mm	71/20	71/20
Turning radius(inside/outside)	m	0/1.75	0/1.75
Drive motor	kW	0.5	0.5
Lift motor	kW	3.3	3.3
Drive speed-full retracted	km/h	4.5	4.5
Drive speed-full extended	km/h	0.8	0.8
Lift/Lower time	s	13～30/25～35	13～30/25～35
Gradeability	%	25	25
Tilt alarm(side/forward and backward)	°	1.5/3	1.5/3
Batteries	V/Ah	4 x 6/280	4 x 6/280
Charger	V/A	24/30	24/30
Tires	-	323 x 100	323 x 100
Weight	kg	1550	1580
a Length(without ladder)	mm	1900(1680)	1900(1680)
b Width	mm	760	810
c Height(platform folded)	mm	2160(1830)	2160(1830)
d x e Platform size(Length x Width)	mm	1670 x 740	1670 x 740
f Wheelbase	mm	1360	1360

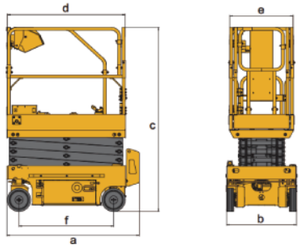
XG1008AC/XG1012AC

Scissor lifts

FEATURES

PRODUCTIVITY

2 front driving wheels
25% theoretical gradeability
Battery charge indicator and diagnostic display
Manual platform lowering value
Both platform and ground control panel with emergency stop button
Front wheel multi-disc brakes
Manual brake release
Solid non-marking tires
Mobile pothole protection
Tilt alarm
Hourmeter record
Lift and lower alarm
Horn
Dual flashing beacons
Drive alarm
Overload alarm



OPTIONS

Platform working light
Air-line to platform
AC power to the platform
Lithium battery

Item	Unit	XG1008AC	XG1012AC
Lift capacity	kg	230	450
Lift capacity of auxiliary platform	kg	115	115
Occupant Capacity	-	2	2
Working height	m	10	10
Platform height	m	8	8
Length of auxiliary platform	mm	900	900
Ground clearance(Pot hole protector – raised/lowered)	mm	100/20	110/20
Turning radius(inside/outside)	m	0/2.3	0/2.3
Drive motor	kW	0.87	0.87
Lift motor	kW	3.3	3.3
Drive speed-full retracted	km/h	4.0	4.0
Drive speed-full extended	km/h	0.8	0.8
Lift/Lower time	s	29～40/34～45	29～40/49～60
Gradeability	%	25	25
Tilt alarm(side/forward and backward)	°	1.5/3	1.5/3
Batteries	V/Ah	4 x 6/280	4 x 6/280
Charger	V/A	24/30	24/30
Tires	-	381 x 127	381 x 127
Weight	kg	2260	2680
a Length(without ladder)	mm	2477(2280)	2477(2267)
b Width	mm	810	1170
c Height(platform folded)	mm	2335(2005)	2335(2005)
d x e Platform size(Length x Width)	mm	2270 x 810	2270 x 1120
f Wheelbase	mm	1877	1877

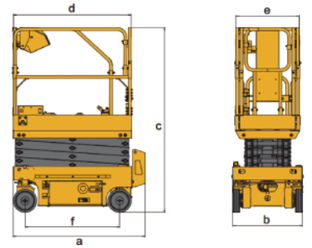
XG1212AC/XG1412AC/XG1614AC

Scissor lifts

FEATURES

PRODUCTIVITY

2 front driving wheels
25% theoretical gradeability
Battery charge indicator and diagnostic display
Manual platform lowering value
Both platform and ground control panel with emergency stop button
Front wheel multi-disc brakes
Manual brake release
Solid non-marking tires
Mobile pothole protection
Tilt alarm
Hourmeter record
Lift and lower alarm
Horn
Dual flashing beacons
Drive alarm
Overload alarm



OPTIONS

Platform working light
Air-line to platform
AC power to the platform
Lithium battery

Item	Unit	XG1212AC	XG1412AC	XG1614AC
Lift capacity	kg	320	320	350
Lift capacity of auxiliary platform	kg	115	115	115
Occupant Capacity	-	2	2	2
Working height	m	12	13.8	15.8
Platform height	m	10	11.8	13.8
Length of auxiliary platform	mm	900	900	900
Ground clearance(Pot hole protector – raised/lowered)	mm	100/20	100/20	77.5/20
Turning radius(inside/outside)	m	0/2.3	0/2.3	0/2.65
Drive motor	kW	0.87	0.87	0.87
Lift motor	kW	4.5	4.5	4.5
Drive speed-full retracted	km/h	4.0	4.0	4.0
Drive speed-full extended	km/h	0.8	0.8	0.8
Lift/Lower time	s	50～75/43～65	45～70/52～78	65～82/61～80
Gradeability	%	25	25	25
Tilt alarm(side/forward and backward)	°	1.5/3	1.5/3	1.5/3
Batteries	V/Ah	4 x 6/280	4 x 6/280	4 x 6/280
Charger	V/A	24/30	24/30	24/30
Tires	-	381 x 127	381 x 127	381 x 127
Weight	kg	3000	3150	3680
a Length(without ladder)	mm	2477(2267)	2477(2267)	2840(2630)
b Width	mm	1170	1190	1390
c Height(platform folded)	mm	2480(1930)	2610(2060)	2721(2175)
d x e Platform size(Length x Width)	mm	2277 x 1120	2277 x 1120	2640 x 1120
f Wheelbase	mm	1877	1877	2240

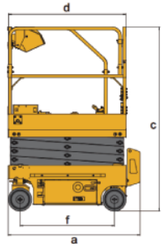
XG0807HD/XG0807HDW

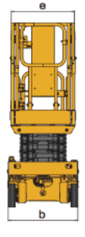
Scissor lifts

FEATURES

PRODUCTIVITY

2 front driving wheels
25% theoretical gradeability
Battery charge indicator and diagnostic display
Manual platform lowering value
Both platform and ground control panel with emergency stop button
Front wheel multi-disc brakes
Manual brake release
Solid non-marking tires
Mobile pothole protection
Tilt alarm
Hourmeter record
Lift and lower alarm
Horn
Dual flashing beacons
Drive alarm
Overload alarm





OPTIONS

Platform working light
Air-line to platform
AC power to the platform
Lithium battery

Item	Unit	XG0807HD	XG0807HDW
Lift capacity	kg	230	230
Lift capacity of auxiliary platform	kg	115	115
Occupant Capacity	-	2	2
Working height	m	7.8	7.8
Platform height	m	5.8	5.8
Length of auxiliary platform	mm	900	900
Ground clearance(Pot hole protector – raised/lowered)	mm	71/20	71/20
Turning radius(inside/outside)	m	0/1.75	0/1.75
Lift motor	kW	3.3	3.3
Drive speed-full retracted	km/h	3	3
Drive speed-full extended	km/h	0.8	0.8
Lift/Lower time	s	13～30/25～35	13～30/25～35
Gradeability	%	25	25
Tilt alarm(side/forward and backward)	°	1.5/3	1.5/3
Batteries	V/Ah	4 x 6/280	4 x 6/280
Charger	V/A	24/30	24/30
Tires	-	323 x 100	323 x 100
Weight	kg	1550	1580
a Length(without ladder)	mm	1900(1680)	1900(1680)
b Width	mm	760	810
c Height(platform folded)	mm	2160(1830)	2160(1830)
d x e Platform size(Length x Width)	mm	1670 x 740	1670 x 740
f Wheelbase	mm	1360	1360

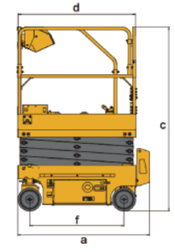
XG1008HD/XG1012HD

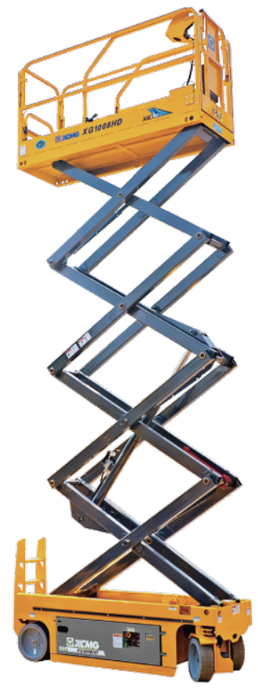
Scissor lifts

FEATURES

PRODUCTIVITY

2 front driving wheels
25% theoretical gradeability
Battery charge indicator and diagnostic display
Manual platform lowering value
Both platform and ground control panel with emergency stop button
Front wheel multi-disc brakes
Manual brake release
Solid non-marking tires
Mobile pothole protection
Tilt alarm
Hourmeter record
Lift and lower alarm
Horn
Dual flashing beacons
Drive alarm
Overload alarm





OPTIONS

Platform working light
Air-line to platform
AC power to the platform
Lithium battery

Item	Unit	XG1008HD	XG1012HD
Lift capacity	kg	230	450
Lift capacity of auxiliary platform	kg	115	115
Occupant Capacity	-	2	2
Working height	m	10	10
Platform height	m	8	8
Length of auxiliary platform	mm	900	900
Ground clearance(Pot hole protector – raised/lowered)	mm	100/20	110/20
Turning radius(inside/outside)	m	0/2.3	0/2.3
Lift motor	kW	3.3	3.3
Drive speed-full retracted	km/h	3.5	3.5
Drive speed-full extended	km/h	0.8	0.8
Lift/Lower time	s	29～40/34～45	29～40/49～60
Gradeability	%	25	25
Tilt alarm(side/forward and backward)	°	1.5/3	1.5/3
Batteries	V/Ah	4 x 6/280	4 x 6/280
Charger	V/A	24/30	24/30
Tires	-	381 x 127	381 x 127
Weight	kg	2260	2680
a Length(without ladder)	mm	2477(2280)	2477(2267)
b Width	mm	810	1170
c Height(platform folded)	mm	2335(2005)	2335(2005)
d x e Platform size(Length x Width)	mm	2270 x 810	2277 x 1120
f Wheelbase	mm	1877	1877

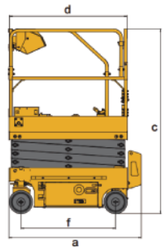
XG1212HD/XG1412HD/XG1614HD

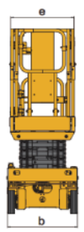
Scissor lifts

FEATURES

PRODUCTIVITY

2 front driving wheels
25% theoretical gradeability
Battery charge indicator and diagnostic display
Manual platform lowering value
Both platform and ground control panel with emergency stop button
Front wheel multi-disc brakes
Manual brake release
Solid non-marking tires
Mobile pothole protection
Tilt alarm
Hourmeter record
Lift and lower alarm
Horn
Dual flashing beacons
Drive alarm
Overload alarm





OPTIONS

Platform working light
Air-line to platform
AC power to the platform
Lithium battery

Item	Unit	XG1212HD	XG1412HD	XG1614HD
Lift capacity	kg	320	320	350
Lift capacity of auxiliary platform	kg	115	115	115
Occupant Capacity	-	2	2	2
Working height	m	12	13.8	15.8
Platform height	m	10	11.8	13.8
Length of auxiliary platform	mm	900	900	900
Ground clearance(Pot hole protector – raised/lowered)	mm	100/20	100/20	77.5/20
Turning radius(inside/outside)	m	0/2.3	0/2.3	0/2.65
Lift motor	kW	4.5	4.5	4.5
Drive speed-full retracted	km/h	3.2	3.2	3
Drive speed-full extended	km/h	0.8	0.8	0.8
Lift/Lower time	s	50～75/43～65	45～70/52～78	65～82/61～80
Gradeability	%	25	25	25
Tilt alarm(side/forward and backward)	°	1.5/3	1.5/3	1.5/3
Batteries	V/Ah	4 x 6/280	4 x 6/280	4 x 6/280
Charger	V/A	24/30	24/30	24/30
Tires	-	381 x 127	381 x 127	381 x 127
Weight	kg	3000	3150	3680
a Length(without ladder)	mm	2477(2267)	2477(2267)	2840(2630)
b Width	mm	1170	1190	1390
c Height(platform folded)	mm	2480(1930)	2610(2060)	2721(2175)
d x e Platform size(Length x Width)	mm	2277 x 1120	2277 x 1120	2640 x 1120
f Wheelbase	mm	1877	1877	2240

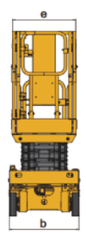
XG0607DC

Scissor lift

FEATURES

PRODUCTIVITY

2 rear driving wheels
25% theoretical gradeability
Battery charge indicator and diagnostic display
Manual platform lowering value
Both platform and ground control panel with emergency stop button
Rear wheel multi-disc brakes
Manual brake release
Solid non-marking tires
Mobile pothole protection
Tilt alarm
Hourmeter record
Lift and lower alarm
Horn
Dual flashing beacons
Drive alarm
Overload alarm



OPTIONS

Platform working light
Air-line to platform
AC power to the platform
Lithium battery

Item	Unit	XG0607DC
Lift capacity	kg	240
Lift capacity of auxiliary platform	kg	100
Occupant Capacity	-	2
Working height	m	5.9
Platform height	m	3.9
Length of auxiliary platform	mm	600
Ground clearance(Pot hole protector – raised/lowered)	mm	65/15
Turning radius(inside/outside)	m	0.4/1.55
Drive motor	kW	0.45
Lift motor	kW	1.3
Drive speed-full retracted	km/h	4.0
Drive speed-full extended	km/h	0.5
Lift/Lower time	s	27～37/23～33
Gradeability	%	25
Tilt alarm(side/forward and backward)	°	1.5/3
Batteries	V/Ah	2 x 12/75
Charger	V/A	24/15
Tires	-	254 x 76
Weight	kg	900
a Length(without ladder)	mm	1450(1290)
b Width	mm	760
c Height(platform folded)	mm	2020(1660)
d x e Platform size(Length x Width)	mm	1290 x 700
f Wheelbase	mm	1030

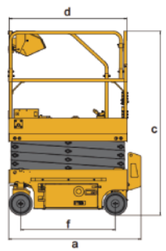
XG0608DC

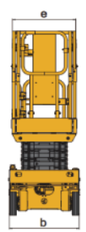
Scissor lift

FEATURES

PRODUCTIVITY

2 rear driving wheels
25% theoretical gradeability
Battery charge indicator and diagnostic display
Manual platform lowering value
Both platform and ground control panel with emergency stop button
Rear wheel multi-disc brakes
Manual brake release
Solid non-marking tires
Mobile pothole protection
Tilt alarm
Hourmeter record
Lift and lower alarm
Horn
Dual flashing beacons
Drive alarm
Overload alarm





OPTIONS

Platform working light
Air-line to platform
AC power to the platform
Lithium battery

Item	Unit	XG0608DC
Lift capacity	kg	240
Lift capacity of auxiliary platform	kg	120
Occupant Capacity	-	2
Working height	m	6.6
Platform height	m	4.6
Length of auxiliary platform	mm	600
Ground clearance(Pot hole protector – raised/lowered)	mm	58/24
Turning radius(inside/outside)	m	0.45/1.6
Drive motor	kW	0.55
Lift motor	kW	1.3
Drive speed-full retracted	km/h	4.0
Drive speed-full extended	km/h	0.5
Lift/Lower time	s	28~38/24~34
Gradeability	%	25
Tilt alarm(side/forward and backward)	°	1.5/3
Batteries	V/Ah	2 x 12/75
Charger	V/A	24/15
Tires	-	254 x 76
Weight	kg	1040
a Length(without ladder)	mm	1558(1390)
b Width	mm	810
c Height(platform folded)	mm	2020(1660)
d x e Platform size(Length x Width)	mm	1370 x 700
f Wheelbase	mm	1130

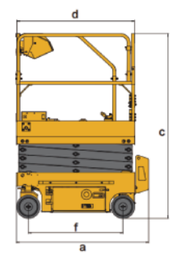
XG0807DC/XG0807DCW

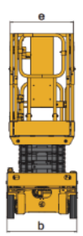
Scissor lifts

FEATURES

PRODUCTIVITY

2 front driving wheels
25% theoretical gradeability
Battery charge indicator and diagnostic display
Manual platform lowering value
Both platform and ground control panel with emergency stop button
Front wheel multi-disc brakes
Manual brake release
Solid non-marking tires
Mobile pothole protection
Tilt alarm
Hourmeter record
Lift and lower alarm
Horn
Dual flashing beacons
Drive alarm
Overload alarm





OPTIONS

Platform working light
Air-line to platform
AC power to the platform
Lithium battery

Item	Unit	XG0807DC	XG0807DCW
Lift capacity	kg	230	230
Lift capacity of auxiliary platform	kg	115	115
Occupant Capacity	-	2	2
Working height	m	7.8	7.8
Platform height	m	5.8	5.8
Length of auxiliary platform	mm	900	900
Ground clearance(Pot hole protector – raised/lowered)	mm	71/20	71/20
Turning radius(inside/outside)	m	0/1.75	0/1.75
Drive motor	kW	0.75	0.75
Lift motor	kW	3.3	3.3
Drive speed-full retracted	km/h	4.5	4.5
Drive speed-full extended	km/h	0.8	0.8
Lift/Lower time	s	13～30/25～35	13～30/25～35
Gradeability	%	25	25
Tilt alarm(side/forward and backward)	°	1.5/3	1.5/3
Batteries	V/Ah	4 x 6/280	4 x 6/280
Charger	V/A	24/30	24/30
Tires	-	323 x 100	323 x 100
Weight	kg	1550	1580
a Length(without ladder)	mm	1900(1680)	1900(1680)
b Width	mm	760	810
c Height(platform folded)	mm	2160(1830)	2160(1830)
d x e Platform size(Length x Width)	mm	1670 x 740	1670 x 740
f Wheelbase	mm	1360	1360

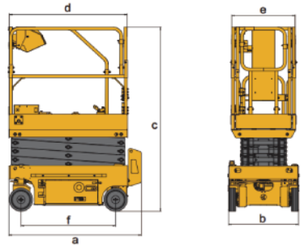
XG1008DC/XG1012DC

Scissor lifts

FEATURES

PRODUCTIVITY

2 front driving wheels
25% theoretical gradeability
Battery charge indicator and diagnostic display
Manual platform lowering value
Both platform and ground control panel with emergency stop button
Front wheel multi-disc brakes
Manual brake release
Solid non-marking tires
Mobile pothole protection
Tilt alarm
Hourmeter record
Lift and lower alarm
Horn
Dual flashing beacons
Drive alarm
Overload alarm



OPTIONS

Platform working light
Air-line to platform
AC power to the platform
Lithium battery

Item	Unit	XG1008DC	XG1012DC
Lift capacity	kg	230	450
Lift capacity of auxiliary platform	kg	115	115
Occupant Capacity	-	2	2
Working height	m	10	10
Platform height	m	8	8
Length of auxiliary platform	mm	900	900
Ground clearance(Pot hole protector – raised/lowered)	mm	100/20	110/20
Turning radius(inside/outside)	m	0/2.3	0/2.3
Drive motor	kW	0.75	0.75
Lift motor	kW	3.3	3.3
Drive speed-full retracted	km/h	4.0	4.0
Drive speed-full extended	km/h	0.8	0.8
Lift/Lower time	s	29～40/34～45	29～40/49～60
Gradeability	%	25	25
Tilt alarm(side/forward and backward)	°	1.5/3	1.5/3
Batteries	V/Ah	4 x 6/280	4 x 6/280
Charger	V/A	24/30	24/30
Tires	-	381 x 127	381 x 127
Weight	kg	2260	2680
a Length(without ladder)	mm	2477(2280)	2477(2267)
b Width	mm	810	1170
c Height(platform folded)	mm	2335(2005)	2335(2005)
d x e Platform size(Length x Width)	mm	2270 x 810	2270 x 1120
f Wheelbase	mm	1877	1877

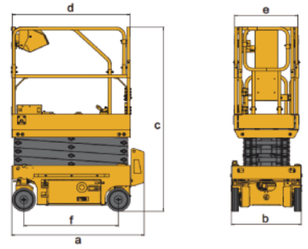
XG1212DC/XG1412DC/XG1614DC

Scissor lifts

FEATURES

PRODUCTIVITY

2 front driving wheels
25% theoretical gradeability
Battery charge indicator and diagnostic display
Manual platform lowering value
Both platform and ground control panel with emergency stop button
Front wheel multi-disc brakes
Manual brake release
Solid non-marking tires
Mobile pothole protection
Tilt alarm
Hourmeter record
Lift and lower alarm
Horn
Dual flashing beacons
Drive alarm
Overload alarm



OPTIONS

Platform working light
Air-line to platform
AC power to the platform
Lithium battery

Item	Unit	XG1212DC	XG1412DC	XG1614DC
Lift capacity	kg	320	320	350
Lift capacity of auxiliary platform	kg	115	115	115
Occupant Capacity	-	2	2	2
Working height	m	12	13.8	15.8
Platform height	m	10	11.8	13.8
Length of auxiliary platform	mm	900	900	900
Ground clearance(Pot hole protector – raised/lowered)	mm	100/20	100/20	77.5/20
Turning radius(inside/outside)	m	0/2.3	0/2.3	0/2.65
Drive motor	kW	0.75	0.75	0.75
Lift motor(DC/AC)	kW	4.5	4.5	4.5
Drive speed-full retracted	km/h	4.0	4.0	4.0
Drive speed-full extended	km/h	0.8	0.8	0.8
Lift/Lower time	s	50～75/43～65	45～70/52～78	65～82/61～80
Gradeability	%	25	25	25
Tilt alarm(side/forward and backward)	°	1.5/3	1.5/3	1.5/3
Batteries	V/Ah	4 x 6/280	4 x 6/280	4 x 6/280
Charger	V/A	24/30	24/30	24/30
Tires	-	381 x 127	381 x 127	381 x 127
Weight	kg	2900	3100	3700
a Length(without ladder)	mm	2477(2267)	2477(2267)	2840(2630)
b Width	mm	1170	1190	1390
c Height(platform folded)	mm	2480(1930)	2610(2060)	2721(2175)
d x e Platform size(Length x Width)	mm	2277 x 1120	2277 x 1120	2640 x 1120
f Wheelbase	mm	1877	1877	2240

PILING & NON-EXCAVATION MACHINERY

08

XCMG

XUZHOU CONSTRUCTION MACHINERY GROUP IMP. & EXP. CO., LTD

PRODUCT FOR EUROPE

ROTARY DRILLING RIG

Euro Stage V

XR130E/XR160E/XR200E/XR240E/XR280E
XR320E/XR360E/XR400E/XR450E

Brief product introduction

Application:
Concrete cast in situ pile for foundation construction such as urban construction, railway, highway, bridge, subway and building.

Technical Characteristics:
1. H-type extendable special undercarriage has high working stability;
2. The first to launch the single-rope technology of main winch with long service life and low cost
3. Multi-functions such as CFA, Double rotary drives, DTH are available.

Main Specification

Engine	Unit	XR130E	XR160E	XR200E	XR240E	XR280E	XR320E	XR360E	XR400E	XR450E
Model	/	TAD582VE	B6.7	B6.7	TAD1181VE	TAD1382VE	TAD1382VE-C428	TAD1383VE	Volvo TAD1375VE	X15
Rated power	kw/rpm	160/2200	173/2000	209/2000	265/2100	315/1900	315/1900	345/1900	405/1900	447/1800
Emission standard	/	Euro V	Euro V	Euro V	Euro V	Euro V	Euro V	Euro V	Euro V	Euro V
Rotary drive										
Max torque	kN·m	130	150	210	240	300	320	360	400	450
Speed	r/min	8-35	5-35	7-30	7-30	6-27	6-27	6-27	7-25	7-25
Max diameter										
Crowd Cylinder	mm	Φ1500	Φ1500	Φ1800	Φ2200	Φ2500	Φ2500	Φ2600	Φ2800	Φ2800
Crowd Winch		Φ1300	Φ1300	Φ1800	Φ2000	Φ2300	Φ2300	Φ2300	Φ2500	Φ2600
Max depth	m	50	56	65	80	94	94	103	103	114
Crowd cylinder										
Max crowded force	kN	120	160	210	210	260	280	300	300	400
Max extraction force	kN	140	160	210	220	330	340	350	400	400
Stroke	mm	3.5	4.2	4.8	5	6	6	6	6	6
Crowd winch（optional）										
Max crowded force	kN	200	160	210	250	330	330	300	400	400
Extraction force	kN	200	160	210	250	330	370	350	400	400
Stroke	m	11	13	13	13	13	16	10/16	18	10
Main winch										
Max extraction force	kN	140	160	190	240	330	340	370	370	520
Speed	m/min	75	80	75	70	75	75	60	60	70
Auxiliary winch										
Max extraction force	kN	50	60	80	80	100	100	100	100	100
Speed	m/min	70	80	70	70	41	0	41	65	65
Dimention										
Working position	mm	7546×3600×17724	7862×4200×19328	8800×4200×21215	8870×4400×22800	10825×4800×25200	11000×4800×25510	10870×4900×25820	10995×4900×26640	11200×5300×30656
Transport position	mm	14097×2500×3500	13993×2960×3464	16576×3000×3514	17525×3250×3594	19750×3500×3790	19879×3589×3383	20650×3500×3845	20755×3500×3910	18000×3771×3700
Overall working weight	t	43	53	65	82	106	106	118	118	165

UNDERGROUND DIAPHRAGM WALL HYDRAULIC GRAB

Euro Stage IV

XG500E/XG600E/XG700E

Brief product introduction

Application:
Subway, bridge anchoring, high-rise building,sewage treatment plant and other bearing or retaining diaphragm wall.
Technical Characteristics:
1. Self-developed special undercarriage has high workingstability;
2. Single-rope technology of main winch leads to long service life;
3. Long guiding frame and large force grab ensure high trench accuracy and strong working ability.

Main Specification

Item	Unit	XG500E	XG600E	XG700E
Wall Depth	m	75	80/105	80/105
Wall thickness	mm	300-1500	600-1500	800-1500
Max pull force	kN	500	600	700
Max pull/push speed	m/min	40/75	40/75	40/75
Grab opening time	sec	6	7	7
Grab closing time	sec	7	8	8
Hydraulic system pressure	Mpa	32	32	32
Working radius	mm	4650-5350	4800-5800	4800-5800
Engine				
Model	/	Cummins-QSG12	Cummins-QSG12	Volvo-TAD1372VE
Rated power	kw/rpm	298/1800	298/1800	315/1900
Fuel tank capacity	L	600	600	600
Emission standard	/	StageⅣ	StageⅣ	StageⅣ
Undercarrige				
Max walking speed	km/h	1.2	1	1
Max gradient	/	30	30	30
Min clearance	mm	450	450	450
Track shoe width	mm	800	800	800
Distance between tracks	mm	3500-4800	3500-4900	3500-4900
Dimention				
Working position	mm	10400×4800×17300	10805×4900×18900	11500×4900×18900
Transport position	mm	13500×3500×3500	15850×3500×3600	16100×3500×3600
Overall working weight(with 1500 grab)	t	105	128	133

TRENCH CUTTER

Euro Stage III

XTC100/55 XTC80/60M XTC80/60 XTC100 XTC120 XTC180

Brief product introduction

Application:
Rock work in Subway, bridge anchoring, reservoir diaphragm wall, port, dock, high-rise building, sewage treatment plant and other bearing or retaining diaphragm wall.
Technical Characteristics:
1. Self-adaptable system for complex stratum can realize quick putting down and slow feeding cutting;
2. Advanced arrangement of cutting teeth has patented technology of teeth swing in blind area to guarantee the working ability
3. Original creation of cutting wheel sealing technology and compensation monitoring system effectively guarantee the reliability and deep-water working system and convenience of maintenance.

Main Specification

Item	Unit	XTC100/55	XTC80/60M	XTC80/60	XTC100	XTC120	XTC180
Wall width	mm	800−1200	800−1500	800−1500	800−1500	800−1800	1000−2000
Wall depth	m	55	60	60	105	125	150
Trench length	mm	2800	2800	2800	2800	2800	2800
Trench accuracy	‰	2	1	1	1	1	1
Max torque	kN · m	2×80	2×80	2×80	2×100	2×120	2×180
Rotary speed	r/min	0−23	0−25	0−25	0−25	0−25	0−27
Max pull force	kN	600	630	600	600	780	1200
Max rope speed	m/min	35	60	60	60	60	60
Rope diameter	mm	36	32	32	32	36	36
Slag discharge way	/	Air−lift reverse circulation	Discharge by pump lift	Discharge by pump lift	Discharge by pump lift	Discharge by pump lift	Discharge by pump lift
Type of base machine	/	Dual use	Special machine	Special machine	Special machine	Special machine	Special machine
System pressure	Mpa	32	32	32	32	32	32
Working radius	mm	4800−5800	5000	4200−5100	5300−5900	5300−5900	5300−5900
Engine							
Model	/	Cummins	Cummins	Cummins	Cummins	CAT	CAT
Rated power	kW/rpm	298/2100	567/2100	567/2100	567/2100	571/2100	571/2100+315
Fuel tank capacity	L	600	1200	1200	1200	1300	1300
Emission standard	/	StageⅣ	EU Stage IIIA	EU Stage IIIA	EU Stage IIIA	EU Stage IIIA	EU Stage IIIA
Undercarrige							
Max walking speed	mm	3500−4900	3500−4900	3500−4900	4050−5500	4050−5500	4050−5500
Max gradient	mm	800	800	800	1000	1000	1000
Min clearance	km/h	1	1	1	1	1	0.8
Track shoe width	%	30	30	30	30	30	30
Distance between tracks	mm	400	450	450	509	509	509
Dimention							
Working position	mm	11335×4900×18900	13650×5200×8000	17350×6575×9980	11600×6200×18700	11300×6500×19000	11600×6400×19500
Transport position	mm	16000×3500×3600	10300×3500×3430	14350×3500×3480	14890×3500×3800	15000×3500×3800	16000×3500×3400
Overall working weight	t	135	125	135	178	186	205

HORIZONTAL DIRECTIONAL DRILL

Euro Stage Ⅴ

XZ120E/XZ150E/XZ230E/XZ280E XZ360E/XZ480E/XZ2025/XZ4055

Applications

Pipeline construction about Municipal Construction (Electric,Communication,Water Supply)and Natural Gas,Oil Delivery.

Technical Characteristics

Strong construction ability: strong power,high torque and high construction efficiency;
High security: optimized structure, high system reliability and high protection level to ensure construction safety and reliability;
Comfortable operation: humanized operation system layout, intelligent operation system design, and convenient operation.

Main Specification

Model	Unit	Parameters							
Item		XZ120E	XZ150E	XZ230E	XZ280E	XZ360E	XZ480E	XZ2025	XZ4055
Engine									
Model	/	CUMMINS QSF3.8-C120	CUMMINS QSF3.8-C120	CUMMINS B4.5-C155	CUMMINS B4.5-C188	CUMMINS B6.7-C225	CUMMINS B6.7-C280	"Yanmer 4TNV98CT"	Cummins B4.5-C155
Rated power	kw/rpm	89/2200	89/2200	115/2200	188/2200	168/2200	209/2200	53.7/2500	115/2200
Emission standard		EU Stage Ⅴ	EU Stage Ⅴ	EU Stage Ⅴ	EU Stage Ⅴ	EU Stage Ⅴ	EU Stage Ⅴ	EU Stage Ⅴ	EU Stage Ⅴ
Thrust-Pull									
Max pull/thrust force	kN	130	165	230/270	280/320	370	480/960	88	200
Max pull/thrust speeed	m/min	37	40	55	50	32	50	50	15/25/50
Rotation									
Torque	N.m	3000	5400	6500	9000	13200	27000	3000	7500
Max spindle speed	r/min	220	160	175	160	140	160	250	100/135/200
Mud pump									
Max flow rate	L/min	100	200	250	250	400	600 /800	174	256
Max pressure	Mpa	4	8	8	8	8	10	8	8
Pipe									
Diameter×Length	mm	φ52×1800	φ60×3000	φ60×3000	φ73×3000	φ73/φ83×3000	φ89×3000/4500	φ52×3.05	φ68×3.05
Max inclination angle	°	20	20	24	24	20	22	18	22
Max backreamer diameter	mm	φ400	φ500	φ600	φ700	φ900	φ1300	φ500	φ700
Weight	t	4.5	7.5	8.5	8.5	10.5	15	5.7	9.5
Diamension (L×W×H)	mm	4500×1680×2170	5900×1850×2100	6100×2230×2300	6100×2250×2300	6200×2280×2450	8000×2280×2640	5700×1430×1900	6400×2100×2580

UNDERGROUND MINING & TUNNEL MACHINERY

XCMG

09

XCMG

XUZHOU CONSTRUCTION MACHINERY GROUP IMP. & EXP. CO., LTD

PRODUCT FOR EUROPE

BOOM-TYPE COAL MINING ROADHEADER

EBZ75/EBZ135L/EBZ160E/EBZ200E EBZ230/EBZ260/EBZ320

Brief product introduction

Widely used in coal mines, highway tunnels and water conservancy culverts, XCMG boom-type roadheader is mainly for medium-hard rock and soft rock construction. The one-time or layered construction makes the excavation of section free, safe and efficient.

Main Specification

Item		Unit	EBZ75	EBZ135L	EBZ160E	EBZ200E	EBZ230	EBZ260	EBZ320
Overall weight		t	31	42	49	58	80	85	120
Total power		kW	130	210	250	310	362	410.5	550
Power of cutting motor		kW	75	135	160/100	200/110	230/150	260/200	320/240
Supply voltage		V	AC1140/660	AC1140/660	AC1140	AC1140	AC1140	AC1140	AC1140
Power supply frequency		Hz	50/60	50/60	50/60	50/60	50/60	50/60	50/60
Gradeability		°	± 18	± 18	± 18	± 18	± 18	± 18	± 18
Travel speed		m/min	7	6	8	8	7	7	6/10
Ground pressure		MPa	0.127	0.131	0.14	0.14	0.15	0.165	0.165
Spray water pressure	External water pressure	MPa	2.5	4	4	4	4	4	4
	Internal water pressure	MPa	2	2	2	2	2	2	2
Max. non-removable part size		m	2.98 × 1 × 1.29	3.41 × 1.38 × 1.33	3.6 × 1.16 × 1.4	3.3 × 1.56 × 1.4	3.68 × 1.39 × 1.48	3.75 × 1.5 × 1.47	4.08 × 1.45 × 1.78
Max. non-removable part weight		kg	3460	4700	5700	7000	8500	8700	13415
Dimension									
Length		mm	8700	8932	9920	10700	11470	11677	13000
Width	Shovel plate	mm	2300	2800/2500	3000	3200	3200	3600/3200/4200	3800/3600
	Main frame	mm	1500	2200	2330	2520	2700	2700	3000
Height	Max height of cutting head placed horizontally	mm	1700	1608	2100	2200	2345	2650	2890
	Main frame	mm	1500	1470	1720	1795	1940	2000	2295
Dining depth		mm	210	295	360	216	225	275	250
Ground clearance		mm	150	158	260	250	220	260	290
Cutting range	Height	mm	4200	4000	4900	4700	4800	5030	5700
	Width	mm	5300	4840	5500	5700	6040	5950	7100
	Area	㎡	22.2	19.3	26.95	26.79	29	30	40.47
Gantry height		mm	400	350	400	400	400	400	400

BOOM-TYPE TUNNEL ROADHEADER

XTR4/180 XTR4/230 XTR6/280 XTR6/320 XTR7/360 XTR8/500

Brief product introduction

XCMG boom-type tunnel roadheader adopts international famous brand hydraulic and electrical components to ensure the reliability of operation and control, equipped with spray system and fan dust removal, so as to provide a low dust environment for construction workers. The whole machine has high configuration, good stability, high degree of automation, safe and reliable.

Main Specification

Item		Unit	XTR4/180	XTR4/230	XTR6/280	XTR6/320	XTR7/360	XTR8/500
Overall weight		t	49	60	100	125	145	218
Total power		kW	180/110	235/135	280/220	320/240	360/280	500
Power of cutting motor		kW	90	110	160	230	230	230
Supply voltage		V	AC1140	AC1140	AC1140	AC1140	AC1140	AC1140
Power supply frequency		Hz	50/60	50/60	50/60	50/60	50/60	50/60
Loading capacity		m³/min	3	3	8	8	8	11
Spray water pressure		MPa	≥2	≥2	≥2	≥2	≥2	≥2
Travel speed		m/min	6.5	6.5	8	7/15	6	8.5/13.5
Dimension								
Length		mm	11870	13470	15500	16500	17490	18600
Width	Shovel plate	mm	1900/2500/2800	2200/2800	3600	3800/3600	3800	5400
	Main frame	mm	1700	2100	2780	3100	3300	4000
Height	Max height of cutting head placed horizontally	mm	2030	2200	3518	3650	4110	4270
	Main frame	mm	1780	1965	2395	2580	2600	5170
Dining depth		mm	200	200	206	330	400	440
Ground clearance		mm	190	290	270	350	450	450
Cutting range	Height	mm	4200	4600	6500	6600	7200	8510
	Width	mm	4300	5100	6300	7600	7200	10230
Gantry height		mm	290	350	400	420	420	510

DRILL JUMBO

Euro Stage III

XUD117L/XUD125S/XUD135 XUD235

Brief product introduction

XCMG can provide single arm, double arms, low type, narrow type, high type and other types of excavation drilling rigs, which are suitable for different operation ranges and various extreme roadway terrain. It can be equipped with hydraulic direct control, hydraulic pilot or full computer rock drilling control system, which are energy-saving, reliable and fast. It can be widely used in all kinds of excavation construction in underground mines, water conservancy projects and traffic tunnel.

Main Specification

Item	Unit	XUD117L	XUD125S	XUD135	XUD235
Power of drilling machine	kW	18	18	18	18
Drilling diameter	mm	33-64	33-64	33-64	33-64
Drilling depth	mm	3440	3440	3400	3400
Length of drill rod	mm	3700	3700	3700	3700
Coverage area	㎡	38.5	24	35	35
Max. operation width	mm	8129	5025	6600	6600
Max. operation height	mm	6049	5000	6630	6630
Min roadway width	mm	3500	2500	3500	3500
Gradeability	°	15	20	15	15
Travel speed	km/h	12	10	18	16
Engine power	kW	74	55.8	60	74
Air pressure	Mpa	0.8	0.8	1	1
Min water inlet pressure	bar	9	12	12.4	115
Total installed power	kW	63	60	63	125
Turning radius	mm	5766	4454	5180	5180
Length	mm	12773	10700	11860	11860
Width	mm	2000	1300	2065	2065
Height	mm	1452/2002	2000/2700	2420/3120	2420/3120
Overall weight	t	12.7	10	13.3	13.3

SURFACE DTH DRILLING RIG

Euro Stage III

XQZ152

Brief product introduction

XCMG series DTH drill rigs are mainly used to drill blasting holes and presplitting holes in open-pit mines and stonework projects. It has the characteristics of high degree of automation, good rock drilling effect, flexibility, environmental protection, energy saving, comfortable operation and so on.

Main Specification

Item	Unit	XQZ152
Transport dimensions (L*W*H)	mm	9800*2500*3550
Overall weight	t	22
Hole range & depth		
Drilling diameter	mm	115−152
Drilling depth	m	35
Drilling pipes	mm	Ø102（Ø89）*5000
Number of pipes	/	6+1
DTH hammer	/	5”（4”）
Electrical system		
Voltage	V	24
Batteries	/	2×12V，180Ah
Feeding system		
Travel length	mm	5400
Total length of beam	mm	9400
Max. pulling force	kN	65
Compressor		
FAD	m3/min	18.6
Max working pressure	bar	20
Engine		
Engine power	kW	264/2100
Max. Torque	N.m	1500
Rotary head		
Torque, Max	kN	65
Rotation speed	rpm	30
Hydraulic system		
Main pump Max. pull-down position push	Mpa	28
Main pump	L/min	150+150
Auxiliary pump	L/min	80+33+33
Hydraulic oil tank capacity	L	400
Dust collector		
Filter area	㎡	24
Suction capacity	L/s	34
Number of filter elements	pcs	24

UNDERGROUND LOAD HAUL DUMP

Euro Stage III

XUL202/XUL305/XUL307/ XUL410/XUL514

Brief product introduction

Underground internal combustion LHD is an engine driven equipment, which can be used in all kinds of underground hard rock mining. It has various configurations, intelligent, firm and durable. It has strong shoveling force and high construction efficiency. The core parts meet the requirements of harsh underground environment and have long service life.

Main Specification

Item		Unit	XUL202	XUL305	XUL307	XUL410	XUL514
Empty weight		t	7.58	13.2	18.5	28	37.8 ± 0.5
Rated load capacity		t	2	5	7	10	14
Standard bucket		m³	1	2	3	4	6
Dimension（L×W×H）		mm	6172 × 1300 × 1990	7120 × 1790 × 2010	8790 × 2250 × 2290	9700 × 2550 × 2400	10730 × 2830 × 2570
Turning radius		mm	2605 /4358	2640 /4936	3090 /5870	3285/6480	3300/6900
Max. Lifting height		mm	3256	4130	4830	5240	5335
Max. Dumping height		mm	1050	1750	1930	2250	2460
Corresponding dumping distance		mm	1205	885	1630	1590	2585
Dumping angle		°	45	40	40	42	40
Chassis steering angle		°	± 40	± 40	± 42.5	± 42.5	± 8
Max. speed		km/h	8	23	24	4.5/8.7/14.8/24.9	24.2
Approach/Departure angle		°	15	16	14	14	14
System configuration							
Power system	Engine brand	/	Dongfeng Cummins	Dongfeng Cummins	Dongfeng Cummins	VOLVO	VOLVO
	Rated power	kW	82	93	163	235	256
	Emission standard	/	CN Ⅱ	CN Ⅲ	CN Ⅲ	Euro Stage Ⅲ	Euro Stage Ⅲ
Drive systm	Drive system		4WD	4WD	4WD	4WD	4WD
	Drive axle		PC15	KTH2020 & KTQ2020	DANA16D	DANA 20D，POSI-STOP	Kessler D106
	Ground clearance	mm	210	265	338	385	386
	Turning system		Articulated Steering	Articulated Steering	Articulated Steering	Articulated Steering	Articulated Steering
	Turning angle	°	± 40	± 40	± 40	± 40	± 42.5
	Wheelbase	mm	2540mm	2540	3180	3180	3650
Hydraulic system	Control mode		Pilot control	Pilot control	Pilot control	Electro-hydraulic proportional control	Electro-hydraulic proportional control
	Oil tank capacity	L	290	150	230	300+60L	450

ENERGY
EXPLORATION MACHINERY

XCMG

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XCMG
XUZHOU CONSTRUCTION MACHINERY GROUP IMP. & EXP. CO., LTD

PRODUCT FOR EUROPE










WATER WELL DRILLING RIG

Euro Stage III

XSL3/160A XSL5/280A XSL7/360A XSL10/520 XSL12/600 XSL15/680 XSL20/1000

Brief product introduction

XCMG water well drilling rig is a kind of crawler type full hydraulic top drive water well drilling rig, which is mainly used for drilling water wells, detection wells, dewatering wells, geothermal air-conditioning holes, grouting holes, coal-bed gas wells and other deep hole drilling construction, and can also be used for micro pile, emergency rescue and other occasions. The drilling rig can adopt various construction technologies such as air DTH hammer drilling and mud drilling, and has the advantages of high drilling speed and good hole forming effect.

Main Specification

Item		Unit	XSL3/160A	XSL5/280A	XSL7/360A	XSL10/520	XSL12/600	XSL15/680	XSL20/1000
Drilling performance	Drilling depth	m	300(ϕ89)	500(ϕ89)	700(ϕ102)	1000(ϕ89)	1200(ϕ89)	1500(ϕ89)	2000(ϕ114)
	Max. diameter	mm	ϕ330	ϕ400	ϕ500	ϕ500	ϕ500	ϕ500	ϕ610
Feeding system									
Max. pulling force		kN	200	280	360	520	600	680	1000
Max. feeding force		kN	80	120	150	150	160	150	260
Max. pulling speed		m/min	30	32	32	32	31	55	43
Max. feeding speed		m/min	60	60	60	60	45	55	50
Stroke		mm	6600	7000	7000	7000	7000	13500	152000
Top drive									
Max. torque		kN·m	4150	9200	15000	21000	20000	24000	31500
Max. speed		r/min	160	210	150	150	140	180	155
ID		mm	ϕ45	ϕ55	ϕ55	ϕ64	ϕ105	ϕ105	ϕ105
Engine									
Max. hoisting force		kN	/	30(optional)	30(optional)	42	42	42	42
Main winch									
ID		mm	ϕ51	ϕ51	ϕ51	ϕ64	ϕ76	ϕ76	ϕ76
Tool winch									
Max. pressure		Mpa	8	8	8	15	16	21	21
Mud pump									
ID		mm	ϕ51	ϕ51	ϕ51	ϕ64	ϕ76	ϕ76	ϕ76
Max. pressure		Mpa	8	8	8	15	15	21	21
Dimension									
Working length		mm	4280	5100	5036	5830	6450	8310	8800
Working width		mm	3130	3200	3573	3700	3290	3800	4500
Working height		mm	9300	9800	9970	10900	13020	19490	22090
Overall weight		t	9	12	13.7	17.6	22	35	47.5

ALL-HYDRAULIC CORE DRILL

Euro Stage III

XDY1000/XDY1500/ XDY2000

Brief product introduction

XDY Series All-hydraulic core drill are specially designed for the general investigation and exploration of minerals which need coring operation, and it is application to a great variety of high efficiency drilling process such as diamond rope sampling. These equipments are powered by hydraulic system ,and they have a lot of merits like easy operation and convenient transport .These equipment can be widely used in the exploring of mining, nonferrous, chemical industry, coal field and nuclear industry.

Main Specification

Item		Unit	XDY1000	XDY1500	XDY2000
Drilling capacity	Depth-BQ(φ55.6)	m	1000	1500	2000
	Depth-NQ(φ71)	m	700	1300	1700
	Depth-HQ(φ89)	m	500	1000	1300
	Depth-PQ(φ114.3)	m	/	700	800
Pipe type		/	BQ/NQ/HQ	BQ/NQ/HQ/PQ	BQ/NQ/HQ/PQ
Overall weight		t	12	12.5	13.8
Engine					
Model		/	QSBS 9-C180	QSB5.9-C210	QSB8.3-C240
Rated power		kW	133	154	179
Rotation speed		rpm	2000	2000	2000
Rotary drive					
Max. torque		kN·m	4200	5200	5600
Max. rotation		r/min	1200	1200	1200
Max. diameter		mm	φ121	φ121	φ121
Feeding system					
Max pulling force		kN	130	155	200
Max. feeding force		kN	70	70	100
Main winch					
Max. pulling force		kN	68	80	152
Max. pulling speed		m/min	60	46	45/55
Mud pumpt					
Model		/	BWF-160	BWF-250Y	BWF-320
Rated flow rate		L/min	160	250	320
Rated pressure		Mpa	10	8	8

MINING MACHINERY

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XUZHOU CONSTRUCTION MACHINERY GROUP IMP. & EXP. CO., LTD

PRODUCT FOR EUROPE

ROTARY DRILLING RIG

Euro Stage IV

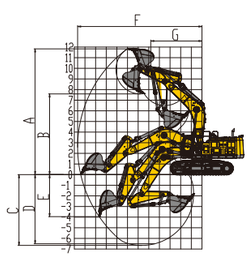
XE750D

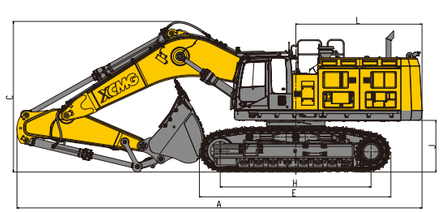
XE750D is a new generation of mine hydraulic excavator of XCMG Group. It adopts enhanced front-end working device and is standard equipped with large bucket capacity rock bucket. Adopts the original imported engine and uses the FFTC pre-injection diesel technology to realize the output power of the engine as required; The semi-electric positive flow hydraulic system can adjust the coordination of various movements of the working device according to different working conditions and the operation habits of the driver. Intelligent backblowing cooling system driven by hydraulic motor can automatically clean the surface of the radiator, so it has a long maintenance cycle.

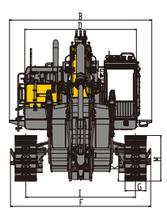
Main Specification

型号 Model	UOM	Parameters
Operation Weight	Kg	75000
Bucket Capacity	m³	3.8-5.3
Engine		
Model	/	2506D
Direct injection	/	√
Four strokes	/	√
Water cooling	/	√
Turbo-charging	/	√
Air to air intercooler	/	√
No of cylinders	/	6
Output power	kw/rpm	403/2100
Torque/Speed	N.m	2466/1400
Displacement	L	15.2
Main performance		
Travel speed (H/L)	km/h	4.1/2.8
Rotating speed	r/min	7
Gradeability	°	35°
Ground pressure	kPa	110
Bucket digging force	kN	390
Arm crowd force	kN	332
Maximum traction	kN	575
Hydraulic system		
Main pump	/	2 Plunger pumps
Rated flow of main pump	L/min	2×450
Pressure of prime valve	MPa	35
Pressure of travel system	MPa	35
Pressure of swing system	MPa	32
Pressure of pilot system	MPa	3.9
Oil capacity		
Fuel tank capacity	L	925
Hydraulic tank capacity	L	500
Engine oil capacity	L	67

Model		UOM	Parameters
Outline dimension			
A	Overall length	mm	12600
B	Overall width	mm	4420
C	Overall height	mm	4690
D	Width of platform	mm	3470
E	Length of crawler	mm	5955
F	Overall width of chassis	mm	4360
G	Width of crawler	mm	650
H	Track length on ground	mm	4691
I	Crawler gauge	mm	2750/3410
J	Clearance under counterweight	mm	1610
K	Min. ground clearance	mm	850
L	Min. tail swing radius	mm	4015
M	Height of crawler	mm	1420
Working scope			
A	Max. digging height	mm	11830
B	Max. dumping height	mm	7600
C	Max. digging depth	mm	6660
D	8-inch horizontalplane digging depth	mm	6500
E	Max. vertical wall digging depth	mm	3950
F	Max. digging reach	mm	11690
G	Min. swing radius	mm	4810
Standard			
Length of boom		mm	7000
Length of arm		mm	2570
Bucket capacity		m³	5.0
Option			
Length of arm		mm	3000
Bucket capacity		m³	3.8 (Rock) 4.0 (Rock)
		m³	4.6 (Rock)
		m³	5.3 (Strength)







UNDERGROUND DIAPHRAGM WALL HYDRAULIC GRAB

Euro Stage IV

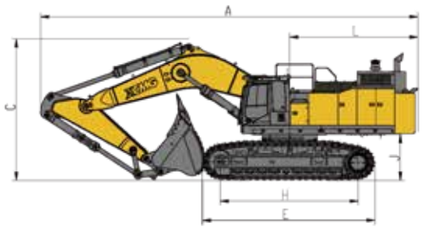
XE950D

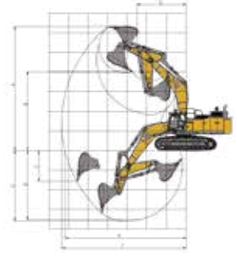
XE950D is 90 ton mining hydraulic excavator,in Southeast Asian market ,XE900D created a world-class attendance rate of 90%.According to the typical working condition of mine, the visualized oil and water separator is adopted to improve the separation effect by more than 15% and extend the service life.Engine mount system is optimized to reduce vibration and improve operating comfort and structural durability.Modular design of pump room and power cabin, special maintenance channel is set up in the middle, which is efficient and convenient.Optional centralized lubrication system, fuel oil, hydraulic oil, gear oil centralized filling system, to achieve efficient maintenance of the vehicle.

Main Specification

Model	UOM	Parameters
Operation Weight	kg	93000
Bucket Capacity	m³	4.6-7
Engine		
Model	/	QSK19
Direct injection	/	√
Four strokes	/	√
Water cooling	/	√
Turbo-charging	/	√
Air to air intercooler	/	√
No. of cylinders	/	6
Output power	kw/rpm	522/2000
Torque/Speed	N.m	2983/1500
Displacement	L	18.1
Main performance		
Travel speed (H/L)	km/h	4.2/2.8
Rotating speed	r/min	6.4
Gradeability	°	35°
Ground pressure	kPa	127
Bucket digging force	kN	460
Arm crowd force	kN	350
Maximum traction	kN	618
Hydraulic system		
Main pump	/	2 Plunger pumps
Rated flow of main pump	L/min	2×549
Pressure of prime valve	MPa	34.3
Pressure of travel system	MPa	34.3
Pressure of swing system	MPa	29
Pressure of pilot system	MPa	3.9
Oil capacity		
Fuel tank capacity	L	1480
Hydraulic tank capacity	L	755
Engine oil capacity	L	60

Model	UOM	Parameters
Outline dimension		
A Overall length	mm	13880
B Overall width	mm	4545
C Overall height	mm	5180
D Width of platform	mm	3510
E Length of crawler	mm	6365
F Overall width of chassis	mm	4150
G Width of crawler	mm	650
H Track length on ground	mm	5090
I Crawler gauge	mm	2960/3500
J Clearance under counterweight	mm	1650
K Min. ground clearance	mm	870
L Min. tail swing radius	mm	4700
M Height of crawler	mm	1470
Working scope		
A Max. digging height	mm	12060
B Max. dumping height	mm	8070
C Max. digging depth	mm	7200
D 8-inch horizontalplane digging depth	mm	7060
E Max. vertical wall digging depth	mm	4550
F Max. digging reach	mm	12690
G Min. swing radius	mm	5020
H Max. ground digging reach	mm	12330
Standard		
Length of boom	mm	7250
Length of arm	mm	2925
Bucket capacity	m³	6
Option		
Length of arm	mm	3400
Bucket capacity	m³	4.6（ Rock）5.4（ Rock） 6.0（Rock）6.5 (Rock） 7.0（ Rock）





TRENCH CUTTER

Euro Stage III

XDA45U

XDA45U Articulated Dump Truck is designed for use in mining, quarry, water conservation, harbour, brown field and construction sites. It has a powerful drivetrain, superior hauling performance, excellent manoeuvrability and efficiency making it suitable for the wide range of applications. The product is designed to run continuously in an operating environment from -25℃ to 40℃ and meets Euro V emission standard.

Main Specification

Model		UOM	Parameters
Dimensions			
Overall length		mm	11070
Overall width		mm	3950
Overall height		mm	3846
Front-centre wheel base		mm	4450
Centre-rear wheel base		mm	1940
Wheel centre	Front wheels	mm	2700
separation distance	Rear wheels	mm	2700
Weight parameter			
Curb weight		kg	75000
Rated loading capacity		kg	41000
Zero load weight		kg	34000
Mass distribution			
Zero load	Front axle	kg	17000 (50%)
	Rear axle	kg	17000 (50%)
Full load	Front axle	kg	22500 (30 %)
	Rear axle	kg	52500 (30%)
Weight parameter			
Engine model		/	Benz OM471
Engine rated power		kW /rpm	390/1800
Engine max. torque		Nm/rpm	2600/1300
Drive form		/	6×6
Tyre		/	29.5R25

Model	UOM	Parameters
Working parameter		
Loading height	mm	3272
Hoist time	s	12
Hoist angle	°	70
Maintenance Volumes		
Fuel tank	L	500
Hydraulic oil tank	L	300
Engine oil	L	40
Coolant	L	100
Transfer box	L	11
Drive axle	L	165
Compartment volume		
Struck capacity	m3	19.5/20.5
2:1 heaped capacity	m3	25/26
Travel parameter		
Highest travel speed	km/h	51
Min. radius of turning clearance circle	mm	9275
Max. grade ability	%	45
Max. steering angle	°	±42
Min. off ground clearance	mm	530