



All Rights Reserved

Materials and specifications are subject to change without notice.
Featured machines in photos may include additional equipment.
See your XCMG dealer for available options.

"XCMG", "WWW.XCMG.COM", "XCMG For Your Success",
as well as the corporate and product identity used herein,
are trademarks of XCMG and may not be used without permission.



LW700KN

Wheel Loader



www.xcmg.com

XCMG Regional Departments:

Europe	(+86-516) 87739238 87739271 87739228	Central Asia	(+86-516) 87739218 87739236 87739538
West Asia & North Africa	(+86-516) 87739252 87739202 87739223	North America	(+86-516) 87739285 87739551 87739715
Asia-Pacific	(+86-516) 87739500 87739529 87739233	Latin America	(+86-516) 87739237 87739714 87739710
Africa	(+86-516) 87735009 87739222 87739283		

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

Add: No.1, Tuolanshan Road, Xuzhou Economic Developing Zone, Jiangsu, China 221004

Fax: (+86-516) 87739230

E-mail: export@xcmg.com



Items	Specifications	Units
Overall dimensions		
Overall length (bucket on the ground)	8900	mm
Overall width (Outside the tyres)	3035	mm
Bucket width	3200	mm
Overall height	3200	mm
Wheel base	3450	mm
Tread	2360	mm
Overall dimensions		
Rated capacity	7000	kg
Bucket volume	3.8-5.5	m ³
Operating weight	23.5	t
Forward I / reverse I	6.8/6.8	
Forward II / reverse II	12.7/12.7	
Forward III / reverse III	27.6/27.6	
Forward IV / reverse IV	40	
Max. tractive force	220	kN
Max. climbing gradient	>25	°
Max. dumping angle	45	°
Max. dumping height	3200	mm
Dumping reach	1268	mm
Overturn angle of bucket	≥45	°
Max. Breakout force	220	kN
Max excavating depth	50	mm
Rising time of the boom	≤6.5	s
Total cycling time	≤11	s
Min. Turning radius	5950	mm
Crossing radius	7010	mm
Turning angle of the frames	40	°
Oscillating angle of the rear axle	± 13	°

Items	Specifications	Units
Overall dimensions	QSM11-C290	WD12G310E221
Model	4-stroke, water cooling, turbine charged .	
Type	216	226
Rated power	2100	2100
Rated speed	1478/1000	1500/1200-1500
Max. torque	Electrical start	
Start type	Cut off the oil and electricity	
Transmission system		
(a) Torque converter		
Type	1 stage, 3-elements	
Coefficient of torque converter	k=2.248	
Cooling method	Wind cooling	
Diameter of cycle	370	mm
(b).Transmission		
Model	4WG-260	
Gear number	Forward 4/ reverse 3	
Transmission ratio		
Forward I / reverse I	4.187/4.187	
Forward II / reverse II	2.207/2.207	
Forward III / reverse III	0.970/0.970	
Forward IV / reverse IV	0.625	
(c).Front and rear axle		
Model	ZF MT-L3105	
Total speed ratio	23.334	
Type	One stage speed reduction	
Rim reduction	6	
Type	One stage planetary reduction	

Items	Specifications	Units
Tyres		
Front axle	Fixed with frame	
Rear axle	Swing type	
Tyre specification	26.5-25	
Inflating pressure	Fore tyre: 0.38-0.40MPa Rear tyre: 0.36-0.38MPa	
Overall dimensions		
Foot brake	Brake on 4 wheel	
System pressure	17.5Mpa	
The highest oil pressure of brake	80bar	
Hand brake	Electrical control and spring boosting	
Released oil pressure of hand brake	10.2	Mpa
Brake valve model	LT17MFEA-4X/080/40M	
Booster model	SB0210-2E1/112A-210AK50	
Steering hydraulic system		
Type	Hydraulic steering	
Model of steering oil pump	1117132182	
Steering unit model	BZZ3-125	
Steering limit valve	XF-B6	
Flow amplified valve	ZLF25A1	
Displacement of pump	80ml/r	ml/r
System pressure	19±0.5MPa	
Steering cylinder	φ110×405	
Maximum steering angle	40°	°
Hydraulic system of the working device		
Working oil pump	P7600-F112/P124-G35DIG	
Displacement of oil pump	112(+80)	ml/r
System pressure	20±0.5	MPa
Boom cylinder	φ180×885	
Tilt cylinder	φ220×590	

Items	Specifications	Units
Pilot hydraulic system	1117132182	
Pilot pump	16	ml/r
Displacement of pump	5THF606-2X	
Pilot hydraulic system		
Fuel	400	L
QSM11	33	L
Gearbox/torque converter oil	60	L
Working hydraulic oil	340	L
Gear oil for drive axle	54	L/piece

Outline Dimensions

