

XE450M

Hydraulic Grabbing Machine

Operating weight
45000kg

Capacity of lotus claw
1.0m³

Rated power
222kW/2100rpm



Main parameters

Engine

Engine model	/	Cummins QSL8.9
Direct injection	/	✓
Four strokes	/	✓
Water cooled	/	✓
Turbocharged	/	✓
Air to air intercooler	/	✓
Number of cylinders	/	6
Engine output power	kW/rpm	222/2100
Max torque/rotation speed	N.m/rpm	1424/1500
Displacement	L	9

Main performance

Traveling speed	km/h	5.4/3.2
Swing speed	r/min	0-8
Gradeability	%	50
Ground pressure	kPa	77
Maximum traction force	kN	335
Rated flow of main pump	L/min	2×304
Main safety valve pressure	MPa	34.3/37.3
Travel system pressure	MPa	34.3
Swing system pressure	MPa	26.5
Pilot system pressure	MPa	3.9

Fluid capacity

Fuel tank capacity	L	660
Hydraulic tank capacity	L	350
Engine oil capacity	L	30

Appearance size

Overall length	mm	12637
Overall width	mm	3340
Overall height	mm	3378
Width of platform	mm	3050
Crawler length	mm	5290
Overall width of undercarriage	mm	3340
Crawler width	mm	600
Crawler base	mm	4255
Gauge	mm	2740
Counterweight Clearance	mm	1272
Minimum ground clearance	mm	550
Tail swing radius	mm	3700
Crawler height	mm	1146

Cab

Original cab height	mm	3320
Max. height of horizontal vision after elevation	mm	5377

Standard

Boom length	mm	8600	7000
Arm length	mm	6000	4500
Max. operating radius	mm	15400	12000
Max. operating height	mm	13200	10500
Max. operating depth	mm	7300	6300
Theoretical load at maximum radius(with working tool)	T	3.4	4.5



Construction Equipment & Engineering

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XCMG Material Handler XE450M



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More Comfortable and Safer

The new cab with large vision features lower noise, more comfortable operating environment, high-power air conditioner, better cooling effect, integrated control panel, more comfortable operation, and 8-inch display, more fashionable.

Integrated control panel



The mature upper structure design, large area of glass and rounded corners at the structure all improve the operator's vision, and the best view can be obtained from any position in the cab.

Lifting type cab

With a stable hydraulic lifting type cab structure, the driver can operate safely within the best field of vision, thereby improving the handling efficiency



Wide field of vision and safety

The side of the turntable and the top of the cab are equipped with safety warning lights, which can effectively remind the surrounding personnel during operation and improve the safety during operation

Equipped with omni-directional camera

Both the front arm and the rear counterweight can be equipped with a camera, and the camera is equipped under the lifting cab as a standard, allowing the driver to fully experience the surrounding environment of the vehicle in the cab and improve operating safety

Accomplish

Efficient, safe, comfortable and **environmentally friendly** operations.

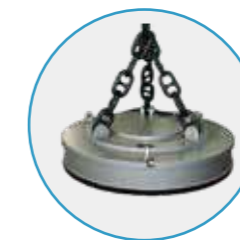
A variety of accessories can be selected to easily handle various materials.



Lotus claw



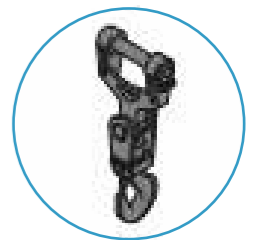
Clamshell bucket



Electromagnetic sucker



Log grapple



Lifting hook