



CE4206 Mining Excavator

The hydraulic excavator CE4206, which are based on design platform of the international cooperation and global purchasing of components, adopt the latest technology in the world to meet customer's desire for best performance. The machines have a streamlined appearance which are accepted by international customers, perfect performance, powerful digging force, high productivity and loading efficiency at low operation cost, more availability and long operation life. The powerful earth-moving excavators are applicable to the task of digging of soil grade I ~ IV , and loading of exploded rocks, such as road construction, municipal project, water power plant, handling of slag, etc.; The powerful mining excavators are suitable for different mines such as non-ferrous metal mine, building material mine, phosphate ore, strip mine and other stripping & loading operation in water power plant.

Turbo-charged after-cooled Cummins diesel engine: environment protecting, power saving, its satisfied the emission of Europe Standard Grade. II

Control with constant power of single pump, crossover power of two pumps for reasonably distributing and using the diesel power

Starting with zero displacement so as to reduce the moment of resistance at starting

Technique with pressure cut to protect hydraulic system and reduce the system heat

Secondary overloading for swing and normal closed brake for swing and travel ensure smoothly brake

Integrated oil & water cooler with compact conformation

Two shift travel speed to satisfied the moving requirement of the machine

Shanghai Longji Construction Machinery Co., Ltd.

Add: Room 1311, Building C, Lane 58, No.1 East Xinjian Road, Minhang District, Shanghai City, China

Post Code: 201100

Tel: +86-21-541-71571

E-mail: <mailto:info@shlongji.com>

Fax: +86-21-541-71572

Travel with multiplex action in line

The working attachment realized automatic level crowding with bucket to increase the bucket filling factor
Attachment designed by CAD, case shape and casting-welding structure realizing the high strength
LCD meters show automatic illumination and detection of the various pressure ,temperature and oil level
to have sound-light alarm

Better reliability with Italy hose & seals and Busak Shamban cylinder seals

The Technique with disassembled undercarriage which is advanced to transport the machine quickly

Cab is provided with large tri-dimensional ventilation, fresh air circulation, large capacity air condition
without fluorine

The operator's cab with the wide vision field and the streamlined appearance, matching the decoration
and function with human nature, and offering the working environment in a car.

Machine weight	
With face shovel	42t
With backhoe	40t
Bucket capacity	
Face shovel(standard)	2.0m ³
Face shovel(range)	1.6~2.5m ³
Backhoe(standard)	1.8 m ³
Standard(range)	1.0~2.58 m ³
Diesel engine	
Model	Cummins M11-C290
Power/Speed	216/2100
Fuel tank capacity	510L
Hydraulic system	
Max. pressure of main oil circuit	30MPa
Max. flow of main oil circuit	2x321L/min
Operating style	Pilot control
Hydraulic oil tank capacity	425L
Performance	
Swing speed	9.0r/min
Travel speed	3.0-3.5km/h
Max. pulling force	333kN
Gradeability	70%
Ground pressure	0.077MPa
Circulating time of operation	16s
Working date	
Boom length(Face shovel)	3900mm
Boom length(Backhoe)	6500mm
Stick length(Face shovel)	2600mm

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Stick length(Backhoe)	3000mm
Max. digging radius(Face shovel)	7920mm
Max. digging radius(Backhoe)	11240mm
Max. digging depth(Face shovel)	2350mm
Max. digging depth(Backhoe)	7230mm
Max. digging height(Face shovel)	9240mm
Max. digging height(Backhoe)	10580mm
Max. unloading height(Face shovel)	6890mm
Max. unloading height(Backhoe)	7490mm
Max. digging force of stick(Face shovel)	213mm
Max. digging force of stick(Backhoe)	199mm
Max. breakout force of bucket(Face shovel)	244mm
Max. breakout force of bucket(Backhoe)	168mm

CE4206 Stand Equipment	
Diesel engine	Cummins M11-C290 (America)
Main pump	Rexroth A11VLO190 (Germany)
Main Valve	Rexroth M8 (Germany)
Double join valves	Rexroth MO/2MO (Germany)
Swing motor	Rexroth A2FE125 (Germany)
Swing reduction gear	Rexroth GFB60T2 (Germany)
Travel motor	Rexroth A6VE107 (Germany)
Travel reduction gear	Rexroth GFT80T3 (Germany)
Logical Valve	Rexroth 026710 (Germany)
Isolating Valve	Rexroth MH3WA (Germany)
Foot pedal pilot valve	Rexroth 4TH6N (Germany)
Armrest pilot valve	Rexroth 4TH6E (Germany)
Electromagnetism Valve	Rexroth 4WE6C (Germany)
Hydraulic hose System seal	Manuli(Italy)
Cylinder seal	Busak Shamban
Driver's seat	Grammer(Germany)
Air-condition system	China

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