



### LXH1000B Cold Milling Machinery

LXH1000B Asphalt Road Milling Machine is high efficient for road mechanical maintenance. It is mainly used for high grade roads, city roads, airports and squares problem like road protuberance, wave and rut tracks, and roughcasting on low frictional road. Its reclaim system can convey used material milled to the trucks. The machine has advanced structure, good stability of function, easy operation and high efficiency. Its key parts are imported directly or made with imported technologies, which improves the machine reliability. Its performance is at the leading level compared with other domestic products. It is the ideal equipment for road maintenance.

Engine	
Model	D6114ZG1B
Type	Water-cooled, six cylinders
Rated power	140KW
Rated speed	2300rpm
Main Technical Specification	
Milling width	1000mm
Milling depth	0-150mm
Milling speed	0-14m/min
Traveling speed	0-12km/h
Conveyor belt width	450mm
Max. discharging height	3500mm
Min. turning diameter	13.5m
Ground clearance	80mm
Grade ability	≥15%
Operating weight	15500kg
Driving System	
Working driving	Consisting of working pump with overload protective valve, working, motor, speed reducer and milling drum
Traveling driving	Consisting of Traveling pump, traveling motor, gear box, transmission shaft, front steering driving axle and wheels
Auxiliary driving	Dual gear pump supplying power to the turning cylinder, rear wheel, conveyor cavity cylinder, lifting cylinder, steering cylinder

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

E-mail: [info@shlongji.com](mailto:info@shlongji.com)

Tel: +86-21-541-71571

Fax: +86-21-541-71572

	and drive cylinder through conveyor belt
Spray System	
Equipped with big capacity water tank and pressure unit for water pump	
Spray water cooling the milling cutters and reducing the dust	
Working And controlling	
Working	
Consisting of milling drum, side burd and reducer	
Cutting tools and tool holder imported and arrayed spirally	
Controlling	
Operating panel with monitor instruments for overall operating situation	
All operating organs positioned around the chair to control the milling depth	
Conveyor	
Belt hung at the back of the machine, hinged with the discharge device	
Welded frame structure	
Speed adjusted	
Discharging Equipment	
Discharge port in the middle to convey milled material	
Folded up through the gate cylinder for milling cutters check and replacement	
Dimensions	
Overall length	10640mm
Overall width	2430mm
Overall height	3100mm
Steering And Braking System	
Steering	
Steered by the front axle	
Hydraulic driven	
Braking	
Controlled through hydraulic pump	
Handled brake equipped out of the gear box	
Frame And Front Axle	
Frame	
Steel plate structure	
Connected with the front axle through swing frame	
Front axle	
France SOMA	
Angle of the front axle to the frame center adjusted within 5° for terrible road	
Rear Wheel	
Driven by rear wheels	
Rear wheels lifted together or independent	

### Main Components

1. Model D6114ZG engine produced with CUMMINS technology.
2. Front transaxle produced with France SOMA technology.

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3. Pump and motor imported from USA Sauer.
4. Working pump and reducer are imported from Germany Rexroth.
5. Duplex gear pump are imported from USA Eaton
6. Milling cutter and holders imported from USA KENNAMETAL
7. Tyres imported from Taiwan EVERPAD.
8. Pressure gauge and quick-change fitting imported from USA.
9. Relays are imported from German Hella
10. Rubber joint adopts USA Gates product.

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