



HENGLIDA CONSTRUCTION MACHINERY IMPORT AND EXPORT CO., LTD.

Adds: Room 3305, Junlin Building, Boai Road, Hebei District, Tianjin, 300010, China

Tel: +86-22-24148938 **Fax:** +86-22-24146738 **Mobile:** +86-13820366360

Email: zhangxiaobo@henglida-china.com ; zhangxbtj@hotmail.com

Website: <http://www.henglida-china.com>

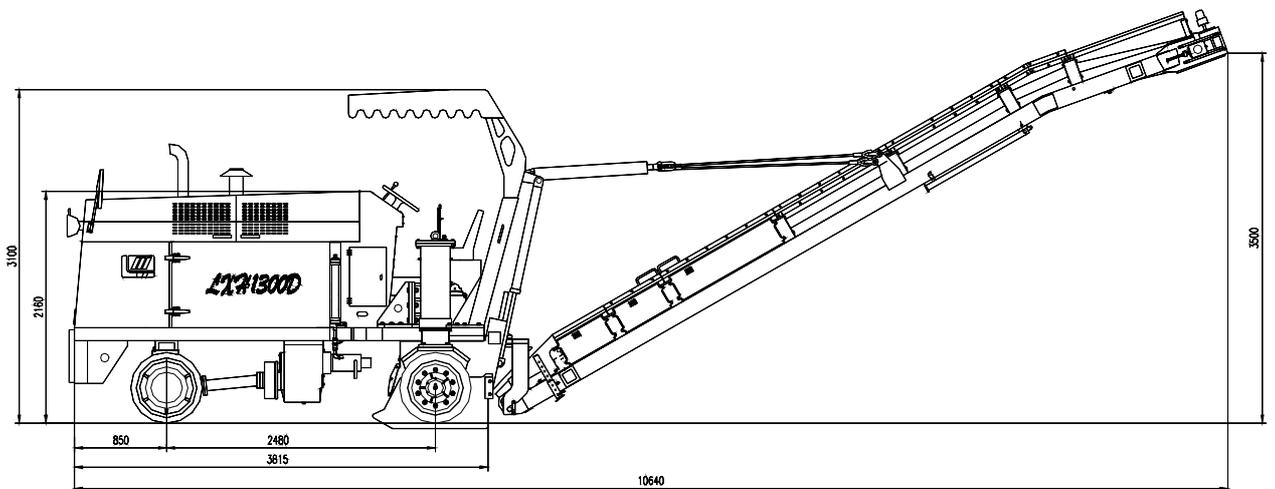
LXH1300D ASPHALT ROAD MILLING



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Model LXH1300D asphalt road milling machine is high efficient equipment for mechanical maintenance of road. It mainly fits for asphalt road、airport、square etc. It also can be used on low frictional road. It has a reclaimed system, which can reclaim used materials to the trucks.

This machine has an advanced structure、a good stability of function, an ease of controlling and a high efficiency, Its key parts are imported directly or made by imported technologies. These secure high reliability and economical specifications to filling the blank of over 1m millers in China.



Model: LXH1300D

Type: wheel

Parameter:

Milling width	1300 mm
Milling depth	0--120 mm

Outsize:

Length	10640mm
Width	2430mm
Height	3100mm
Weight	15800kg

Capability:

Milling speed	0—14m/min
Running speed	0--12 km/h
Conveyer's belt width	450mm
Max. discharging height	≥3500 mm
Min. turning diameter	13.5 m(with reclaim device 19m)
Min. distance from ground	≥80 mm
Academic climbing capacity	≥15%

Engine:

Model	D6114ZG1B
Type	6 cylinders, water-cooled, forced induction engine
Power	140kW
Rotated speed	2300r/min
Fuel consumption	228g/kw.h

Power transit method

The machine drives by hydraulic circuits, the power comes from flexible coupling to series pump which consists of working pump and driving pump. And the subsidiary twin gear pump is equipped on the gear seat of the engine.

Working driving

It consists of working pump, working motor, reducer and milling drum.

Traveling driving

It consists of traveling pump、traveling motor、transmission box、transmission shaft.

Subsidiary driving

The subsidiary twin gear pump supply the power, one way transit to turning cylinder and back-wheel lifting cylinder, the other way transit to run the feeding motor, feeding device gate cylinder etc.

Steering

The front-wheel turns, hydraulic driving.

Brake

Control the pump through hydraulic system to accomplish the brake, the handled brake is equipped out of the transmission case.

Sprinkler system

Equipped with big capacity water tank and water pressured pump, while milling it can sprinkle inside the working cavity, it can cooling the milling tools and reduce the dust.

Electrical system

24V DC, supplied with two batteries

Frame and front axle

The frame is whole steel plate, so it has enough intensity and rigidity. The frame connected with front axle, the angle of front axle and frame center can be adjusted in 5°, and the front axle is transaxle produced with France SOMA technology.

Rear wheels

The rear wheels are independent follower wheels connected with frame, the right back wheel can rotate 180° so it can milling curb, and the left-right both rear wheels driving by hydraulic cylinder for achieving rear lift. They can be independent or linkage lift for achieving operation demand.

Control device

All the monitoring instruments are on the control panel, and all the operating constructions are round the chair, the milling depth can be seen directly from measuring scale.

Working device

Consists of milling drum, sideboard and reducer, cutting tools and tool holder are imported and arrayed like spirally.

Discharge device

Hinge joint with frame, the gate and the sideboard are sealed as working cavity, discharge port is in the middle of it, and the scraper is equipped under it. It can be unfolded through the cylinder and conveniently to change milling tools.

Conveyor device

Belt conveyor form. Hung on the end of the machine and hinge joint with the discharge device. Its frame is welded skeleton structure, the conveyor speed can be adjusted stepless. By the hydraulic cylinder, it adjust conveyor device's discharge height and yawing angle according to the position and height of the truck.

Hover

Whole synthesis structure. It disconnected very conveniently and has tarpaulin for waterproof and sunproof.

Leveling automatically device (optional)

Equipped with numerical leveling automatically device. detect benchmark by sensor, and adjust milling depth automatically. In addition, the leveling device can be setup separately.

Main characteristic of LXH1300D

1. Powerful and reliable engine

Water-cooled, forced induction engine produced by importing USA CUMMINS technical. Power is strong, performance of startup is good. The whole performance is stabilization and credibility. If the working environment is atrocious, it can also offer enough drive for milling work.

2. Mobile and Flexible driving

The wheel is self-driving chassis, turning flexibly and conveniently, transferring place quickly and mobility. The imported high- wearable wheel confirm the accrete performance when using depth milling working. It can improve the using life of wheel.

3. Complete function's working form

Left-right rear wheel lifted independently and finished wedgy milling, right back wheel can rotate 180° so it can milling curb, reclaim device reclaimed cleanly, high efficiency, change special cutter when milling the concrete road.

4. Advanced performance's drive form

Hydraulic drive, relax the impact of milling working, achieve the safety protect of whole system conveniently. Imported pump and motor, high-quality hydraulic element, make sure the reliability of machine.

5. Optimize design's milling drum

Imported milling cutter arrayed like spirality, dispose very reasonable, working stabilization. Notch is very orderliness and high productivity.

6. Comprehensive working situation's display

Comprehensive monitor, making the whole working situation displayed very clearly. It is very good for detecting, diagnosing and removing trouble. Operation is very easy, simple and maintenance is very convenient.

Main part of LXH1300D

1. Engine is produced with USA CUMMINS technology, and the model is D6114ZG1B.
2. Front axle is produced with France SOMA technology.
3. Pump and motor are imported from SAUER USA.
4. Reducer is imported from Germany Rexroth.
5. Milling cutter and seat are imported by USA KENNAMETAL
6. Pressure gauge and quick-change joint are imported from USA.
7. Wheel is imported from Taiwan EVERPAD.
8. Duplicate gear pump is imported from USA EATON.
9. Relay is imported from Germany HELLA

Note: All the technical specifications mentioned above will maybe change as the technology development. Please refer to the final offer.