

XH285L



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Soil Compactor

XH285L soil compactor is mainly used for pushing, shoveling and compaction work of road foundation, water conservancy dams, airports and other large-scale foundation filling projects; it can also be used for push leveling and compaction of solid fill in landfill, so as to reduce the land occupied by the landfill and prolong the service life of the landfill.

Performance and characteristics

- Equipped with Cummins QSL8.9 high-power electronically controlled engine of low-vibration 6-cylinder inline, water-cooled, turbocharged, high-pressure common-rail, with strong power and large power reserve, rated power of 242kW, maximum output torque of 1385N.m. Using a variety of the latest engine technologies to provide abundant power under various working conditions.
- This type of engine is mature in application and market proven; ECO mode, intelligent adjustment of engine speed according to the load, environmental protection and energy saving; Low fuel consumption and low noise emission.
- Double pumps, double motors, double axles, All-Wheel Drive, theoretical climbing capacity up to 100%; Electric

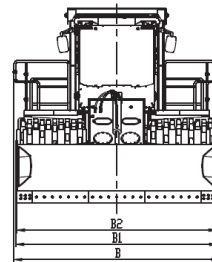
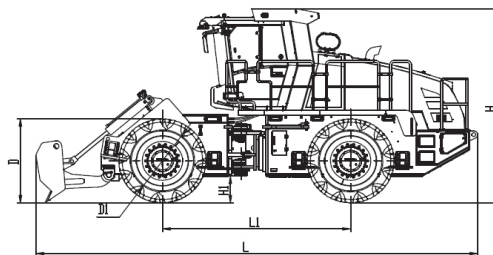
proportional drive pump and drive motor run smoothly; Two-speed stepless speed change, maximum speed up to 12km/h; Heavy-duty drive axle, equipped with anti-slip differential, suitable for various landfill conditions; Reliable front and rear frame articulation mechanism, $\pm 40^\circ$ large steering angle to change direction flexibly, $\pm 15^\circ$ oscillation angle adapts to various compaction sites.

- Cross tips arrangement of front and rear padfoot drum, dense compaction points, high drum grounding pressure, excludes the compaction soft points; Unique paddle arrangement is suitable for various working conditions, making the compaction operation more even and efficient.

Main dimensions

Unit: mm

Model	L	L1	B	B1	B2	H	H1	D	D1
XH285L	8300	3570	3830	3820	3790	3845	525	1660	1224



Main specifications

Item	Content	Unit	Value
Weights	Operating weight	kg	28500
	Front axle weight	kg	13800
	Rear axle weight	kg	14700
Compaction wheel parameters	Front wheel(diameter x width)	mm	1660×1200
	Rear wheel(diameter x width)	mm	1660×1245
Blade parameters	Width	mm	3820
	Height	mm	1030
	Maximum lift above ground	mm	1000
	Maximum digging depth	mm	120
Mobility Parameters	Gear I speed	km/h	0~5
	Gear II speed	km/h	0~12
	Theoretical gradeability	%	100
	Minimum turning radius	mm	7300
Engine	Model		QSL8.9
	Type		In-line 6-cylinder water-cooling Turbocharger High pressure common rail
	Rated power	kW	242
	Rated speed	rpm	2200
Capacity	Diesel tank	L	480
	Hydraulic oil tank	L	280
	Water tank	L	52
Overall dimensions	Dimensions (L×W×H)	mm×mm×mm	8300×3830×3845

Notes:

Specifications and configurations may vary depending on options and regional regulations. XCMG reserves the right to make changes to specifications without prior notice.



XCMG ROAD MACHINERY BUSINESS
Email: road.marketing@xcmg.com



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