XL2503



XL2503
Soil Stabilizer

XL2503 stabilized soil mixer is suitable for in-place mixing of stabilized soil on the base course and subgrade course of highways, urban roads, squares, wharfs, parking lots and other projects. It can mix lime-ash soil, lime-ash stabilized aggregate and water-stabilized gravel at various proportions on the spot.

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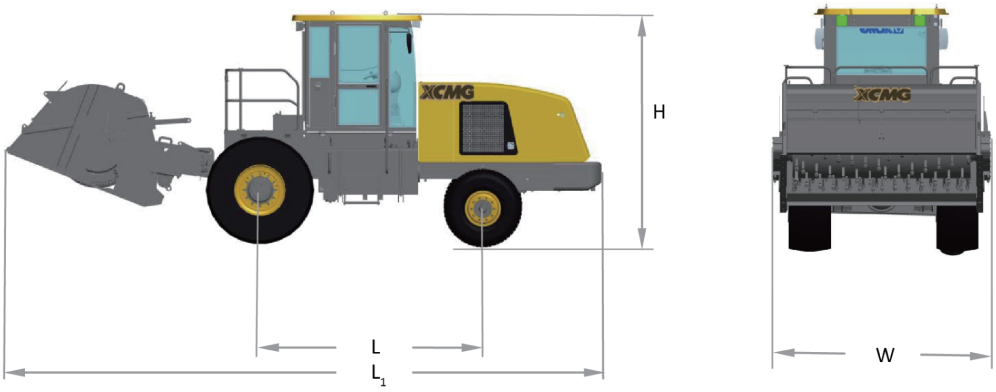
Performance and characteristics

- It is equipped with Weichai EFI engine with big power reserve, strong power; the imported transfer case is highly reliable; in light of the speed increase scheme for transfer case, the rotor is driven with high-speed motor and reducer to ensure strong mixing capacity.
- The wide-body luxury cab is fitted with dual-purpose air conditioner, and the vibration damping and noise reduction performance is optimized to mitigate the cab vibration and lower the noise; the engine, throttle, rotor and tail door are controlled electronically for comfortable operation; the engine fault code can be read from the display screen to rapidly and accurately solve the engine fault;
- The mixing space in the housing is large, and meanwhile the arrangement of the tool bits are optimized reduce the particle size after cracking and improve the uniformity for good construction quality; the mixing rotor developed by XCMG adopts a multi-head spiral arrangement, with a tool apron having positioning pin, and a high-strength wear-resistant alloy tool bit for uniform mixing quality;
- It is equipped with deep-pattern herringbone wide-base engineering tires for large adhesion, strong traction and fast working speed, which can adapt to clay and other working conditions.

Main dimensions

Unit: mm

Model	L	L1	H	W
XL2503	3300	8740	3450	3060



Main specifications

Item	Content	Unit	XL2503
Working device	Milling width	mm	2500
	Maximum milling depth	mm	0-400
Milling rotor	Quantity of tools	Piece	184
	Diameter of milling rotor	mm	1280
Diesel engine	Manufacturer		WEICHAI POWER CO., LTD.
	Cooling mode		Water-cooling + air-air inter-cooling
	Model		WP12G430E300
	Number of cylinders		6
	Rated power	kW	316
	Engine speed	rpm	1900
	Fuel consumption: Full load	kg/h	65
Speed/gradeability	Working speed	km/h	0-3
	Traveling speed	km/h	0-23
	Theoretic gradeability (working gear)	%	20
	Ground clearance	mm	450
Weight/load	Front axle load	kg	2500
	Rear axle load	kg	14000
	Working weight	kg	16500
	Shipping weight	kg	16300
Tank volume	Diesel tank	L	450
	Hydraulic oil tank	L	450
	Electric system	v	24
Overall dimensions in shipping state	Machine (L×W×H)	mm	8740×3060×3450

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

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