XLZ2103S



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Road Cold Recycle Machine

XLZ2103S cold recycler is a kind of multi-functional pavement maintenance equipment, which is mainly used for the in-place mixing of stabilized soil of base course and subgrade course in the highways, urban roads, squares, wharfs and parking lots etc. It is suitable for mixing the filler, cement and lime etc. with the natural soil to improve the mechanical and physical properties of the soil; for cold-recycling the base course in the upgrading and modification engineering of the existing asphalt pavement of rural roads; and for milling the damaged asphalt pavement which is less than 150mm thick.

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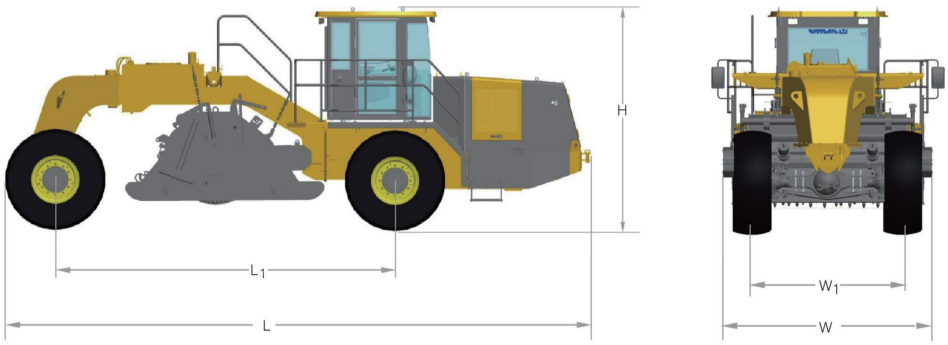
Performance and characteristics

- The power system and hydraulic system are matched reasonably to ensure high construction efficiency; the rotor speed is variable and the particle size is controllable in adaption to the working conditions; the electronic fuel injection engine has three power gears for the recycling, mixing and transfer conditions respectively, with low comprehensive fuel consumption;
- The structural members such as frame and working device etc. are sturdy, which ensures stable work; the key accessories adopt well-known brands, with high reliability and long life;
- The patented tool bit arrangement technology ensures small cutting resistance and even mixing; the rotor is welded with automatic welding special equipment to ensure high positioning accuracy of tool bit with good welding quality; the rotor is subject to 100% dynamic balance test, so that the rotor runs stably and reliably;
- It has high suction capacity and the standard sprinkling volume is up to 650L/min, which is much higher than that of the competitors; the sprinkling accuracy is up to 0.5% to ensure the optimal moisture content; the ultra-high flow sprinkler system can be fitted optionally;
- The liquid crystal displayer shows the working parameters of the machine in real-time, on which the parameters can be queried and set; the rear wheel will return with one button for the operator's easy control, which lowers the operation intensity; the luxury cab is fitted with dual-purpose air conditioner and damping seat to ensure the driving comfort;

Main dimensions

Unit: mm

Model	L	L1	H	W1	W
XLZ2103S	9230	5383	3450	2350	3160



Main specifications

Item	Content	Unit	XLZ2103S
Working device	Milling width	mm	2100
	Maximum milling depth	mm	0-400
Milling rotor	Space between tools	mm	18
	Quantity of tools	Piece	144
	Diameter of milling wheel (with cutter)	mm	1380
Diesel engine	Manufacturer		WEICHAI POWER CO., LTD.
	Cooling mode		Water-cooling + air-air inter-cooling
	Model		WP12G480E310
	Number of cylinders		6
	Rated power	kW	353
	Engine speed	rpm	2100
	Fuel consumption: Full load	kg/h	74
Speed/gradeability	Working speed	km/h	0-3.2
	Traveling speed	km/h	0-23
	Theoretical gradeability (working gear)	%	20
	Ground clearance	mm	350
Weight/load	Front axle load	kg	15000
	Rear axle load	kg	6000
	Working weight	kg	21000
	Shipping weight	kg	20700
Tank volume	Diesel tank	L	650
	Hydraulic oil tank	L	300
	Water tank	L	200
	Electric system	v	24
Overall dimensions in shipping state	Machine (L×W×H)	mm	9230×3160×3450

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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