



# XLZ2103S

## ROAD COLD RECYCLER

### 路面冷再生机

XLZ2103S road cold recycling machine is a multifunctional road maintenance machine mainly used for the upgrade operations of the used asphalt county and township roads as well as the in-site stabilized soil mixing operations. XLZ2103S road cold recycling machine is applicable for the mixing of natural soil with filler, cement, and lime to improve the mechanical and physical performances of the soil and for the milling operations of damaged asphalt or asphalt concrete roads in thickness of no higher than 150mm. In addition, it's also applicable for the in-situ stabilized soil mixing operations for the substrates and roadbeds of the highway, urban road, square, harbor, and parking lot projects.

XLZ2103S路面冷再生机是一种多功能路面养护设备,主要用于县乡公路的旧沥青路面的升级改造作业,还可用于稳定土现场就地拌和作业。XLZ2103S路面冷再生机适用于将填充料、水泥、石灰等与自然的土壤混合搅拌,以改善土壤的机械及物理性能,还可以用于厚度不大于150mm的损坏了的沥青或沥青混凝土路面铣刨工作;同时适用于公路、城市道路、广场、码头、停车场等工程的基层、基底层稳定土现场就地拌和作业。

## Performance Characteristics / 性能特点

- The milling width of this machine is 2,100mm. The maximum milling depth is 400mm and the cutter spacing is 18mm.
- With XCMG's rotor technology, the XCMG's milling cutters and cutter holders feature reasonable design and high milling accuracy.
- The milling rotor is driven by high-speed variable motor and reducer.
- The traveling system includes two speed modes, namely high speed mode and low speed mode.
- The front/rear axles are steering drive axes (Optional rear steering axle is available) to realize four-wheel steering and the installed low-pressure wide-base isolated-pattern tires feature stable operation and high adhesion.
- The sprinkler system includes the sprinkling function.
- The steering system incorporates the crabwalk function.
- The engine includes advanced functions, including online display, malfunction diagnosis, and malfunction warning. In addition, the data can be more directly read by the installed display.
- Brake system: The pneumatic brake system is applied to realize the service braking and parking brake functions of the machine.
- The cab is in wide-body structure and is installed with heating and air conditioning system and the accessories including fan and radio to realize comfortable operations.
- The dashboard is installed with color LCD display to real-time online display the main working parameters of the whole machine and ease the operator's observation on the working status of machine.
- 该机铣刨宽度为2100mm,最大铣刨深度400mm,刀具间距18mm。
- 徐工转子技术——徐工铣拌刀具及刀座,设计合理,铣拌精度高。
- 铣刨转子由变量高速马达和减速机驱动。
- 行走系统具有高低两个调速档。前/后桥为转向驱动桥(可以选装后轮转向桥),四轮转向,安装的低压宽基大花纹轮胎运行平稳,附着有力。
- 洒水系统具有洒水功能。
- 具有蟹行功能的转向系统。
- 发动机具有在线显示、故障诊断、故障报警等先进功能。同时,它通过配备的显示器能更加直观的读取各种数据。
- 制动系统:气制动方式,实现机器的行车制动和驻车制动功能。
- 驾驶室采用宽体结构,安装冷暖两用空调,并配备风扇、收音机等装置,操作舒适。
- 仪表台安装彩色液晶显示器,能够实时在线显示整机主要工作参数,方便操作人员观测机器的工作状况。



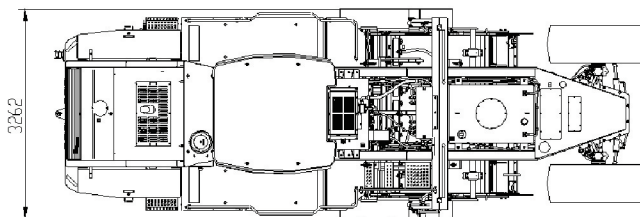
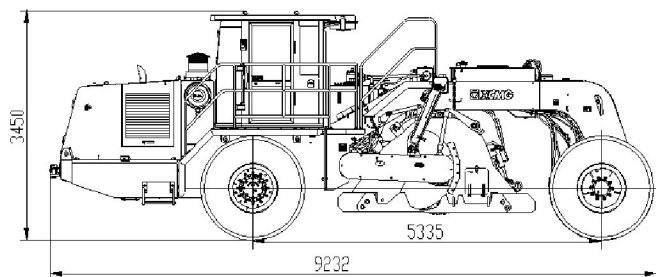
# XLZ2103S

## ROAD COLD RECYCLER

路面冷再生机

### Main Dimensions

主要尺寸



### Main Specifications

主要技术参数

	Item	项目	单位 Unit	XLZ2103S
Operating parameters 作业参数	Milling width	铣拌宽度	mm	2100
	Maximum milling depth	最大铣拌深度	mm	400
Milling rotor 铣拌转子	Cutter spacing	刀具间距	mm	18
	Number of cutters	刀具数量	把	144
	Diameter of milling wheel (with cutter)	铣刨轮直径 (带刀具)	mm	1380
Diesel engine 柴油发动机	Manufacturer	制造厂	潍柴动力股份有限公司 Weichai Power Co., Ltd.	
	Cooling type	冷却方式	水冷+空空中冷 Water-cooled + air-air inter-cooled	
	Model	型号	WP13G530E310	
	The quantity of cylinder stator	汽缸数量		6
	Rated power	额定功率	kW	353
	Engine speed	发动机转速	rpm	2100
	Oil consumption: Full load	耗油量: 全负载	kg/h	69.86
Speed/ gradeability 速度/爬坡能力	Working speed	工作速度	km/h	0-3.2
	Traveling speed	行走速度	km/h	0-23
	Theoretical gradeability (working gear)	理论爬坡能力 (工作挡)	%	20
	Ground clearance	距地间隙	mm	350
Weight/load 重量/荷载	Front axle load	前轴荷载	kg	16000
	Rear axle load	后轴荷载	kg	5500
	Shipping weight	装运重量	kg	21000
	Working weight	工作重量	kg	21000
Tank volume 箱体容积	Fuel tank	燃油箱	L	650
	Hydraulic oil tank	液压油箱	L	380
	Water tank	水箱	L	1000
	Voltage of electric system	电器系统	v	24
Overall dimension of shipping 装运外形尺寸	Machinery(length*width*height)	机械 (长×宽×高)	mm	9232 × 3162 × 3450