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SLIPFORM PAVER

滑模水泥摊铺机



Operation Console: User friendly interface with display, real time monitoring for machine status.



Bar insertion system: Various types of bars can be inserted into concrete manually or pneumatically.



Automatic leveling system: Equipped with an automatic leveling and tracing system, ensures the smoothness and straightness of the road surface.

操纵台：具有屏幕显示，良好的人机界面，实时监控，显示人机状态。

传力杆插入系统：可通过手动或气动的方式将各种类型的传力杆插入混凝土。

自动找平系统：具有自动找平和自动跟踪系统确保了路面的平整度和直线性。



Traveling system: Two independent hydraulic-driven tracks, controlled by a microcomputer, can precisely ensure the constancy of preselected speed, accurate straight-line travel, and smooth curve steering.



Centralized lubrication: Equipped with a centralized lubrication system, automatic lubrication is achieved for high-temperature and moving components. This effectively extends the wear cycle and greatly improves the reliability of tamping and material spreading.



Engine: Equipped with Cummins water-cooled engine. It boasts high power, high torque reserve, low fuel consumption, and emissions that meet European environmental standards.

行走装置：两履带独立液压驱动，微电脑控制，能精确保证预选速度的恒定性，准确的直线行驶性和平滑的弯道转向。

集中润滑：配有中央集中润滑系统，高温、运动部位实现自动润滑。有效地延长了磨损周期，大大提高了捣固、分料传动的可靠性。

发动机：配置康明斯水冷发动机，动力强劲、扭矩储备系数高、燃油消耗率低、排放符合欧洲环保标准。



Tamping rod: The tamping rod consists of multiple sections, and multiple vertical rods are suspended to meet the requirements of further compaction and mud extraction.



High-pressure water jet: The high-pressure water gun can effectively clean the entire machine, preventing concrete from hardening on it.



Control system: microcomputer-based constant speed control, featuring fault self-diagnosis function.

捣固杆：捣固杆是由多节组成，多根垂直杆悬挂满足进一步密实和提浆要求。

高压水枪：高压水枪能将整机有效冲洗干净，防止混凝土凝固在机器上。

控制系统：微电脑恒速控制，具有故障自诊断功能。



Hydraulic transmission: The vibrators adopts hydraulic transmission and stepless frequency conversion, which can provide the optimal frequency required for different types of concrete.



Scraper plate: Controlled by two hydraulic cylinders, it regulates the amount of concrete entering into the forming pan. The plate can be lifted/lowered as a whole, or lifted/lowered separately on the left or right side.



Vibration system: ultra-high frequency vibration, strong vibration force, ensure high density of paving concrete.

液压传动：振捣棒液压传动，无极变频，能提供不同性质的混凝土所需要的最佳频率。

刮平板：由两个液压缸控制，控制混凝土进入成型模板的数量。该板可以整体升降，也可以单独左边或右边升降。

振动系统：超高频振动、振动力度大，板面密实度高。

MAIN FEATURES 总体产品特征描述

- The WCP series products can be designed for paving concrete roads with different widths ranging from 3 meters to 8 meters. WCP series products can be paved 3 meters to 8 meters of different width concrete roads.
- The unique electro-hydraulic control system interacts perfectly with the steel wire rope, meeting the needs of different working conditions. 独特的电子液压控制系统，与钢丝绳完美交互，满足不同工况需要。
- With the minimum transportation dimension designed, to achieve the faster, easier, and more cost-effective mobility. 设计出最小的机器运输尺寸，实现更快、更容易、更低成本效益的移动和转运。
- Very low ground pressure. 非常低的地面压力。
- Fully modular machine layout: The fully modular design of the paver allows for flexible modifications, simple retrofitting of optional equipment functions, and specific application adjustments based on site conditions. 完全模块化的机器布局：摊铺机的完全模块化设计意味着灵活的改造、可选设备功能的简单改装以及根据现场条件进行的特定应用调整。

Model	Unit	WCP4000	WCP6000	WCP8000	
Paving Width	摊铺宽度	mm	3000-4500	3350-6000	4250-8000
Paving Thickness	摊铺厚度	mm	450	450	450
Paving Speed	履铺速度	m/min	0-10	0-10	0-10
Number Of Tracks	履带数量	unit	2	2	2
Traveling Speed	行走速度	km/h	0-1.5	0-1.5	0-1.5
Gradability	爬坡能力	%	≥10%	≥10%	≥10%
Vibrator	振捣棒	unit	7-12	8-13	10-18
Vibration Frequency	振动频率	HZ	5-167	5-167	5-167
Tamping System	捣固系统	rpm	170	170	170
Engine Model	发动机型号	CUMMINS	QSB5.9-C160-30	QSB5.9-0210-30	QSC8.3-0260-30
Engine Power	发动机功率	Kw	119	154	194
Rated Speed	额定转速	r/min	2200	2200	2200
Auger Dia. / Speed	布料螺旋直径/转速	mm / r/min	430 / 0-34	430 / 0-34	430 / 0-34
Hydraulic Oil Tank	液压油箱	L	570+420	590+420	690+690
Diesel Tank	柴油箱	L	300	320	380
Wash Water Tank	冲洗水箱	L	260X2	260X2	260X2
Leveling Control System	找平控制系统	/	Standard 标配	Standard 标配	Standard 标配
Super Smoother System	超级抹平系统	/	Optional 选配	Optional 选配	Optional 选配
Transportation Dimension	最小运输尺寸	mm	4020x4250x2800	4020x4750x2800	4020x5500x2800
Track Length	履带板长度	mm	3245	3245	3245
Track Width	履带板宽度	mm	320	320	320
Ground Pressure	地面压强	Psi	13	15	17
Leg Lifting Height	支腿提升高度	mm	500	500	500
TBI System	正面钢筋插入系统	/	Standard 标配	Standard 标配	Standard 标配
SBI System	侧面钢筋插入系统	/	Standard 标配	Standard 标配	Standard 标配
SBI System	侧面钢筋插入系统	/	Standard 标配	Standard 标配	Standard 标配