



Super Mobile Drum Mix Asphalt Plant

超级移动筒拌式沥青搅拌站

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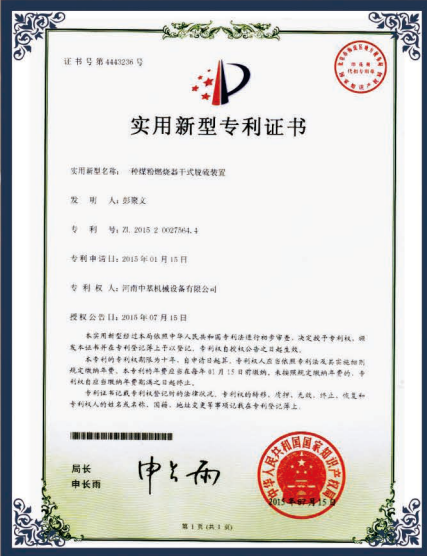
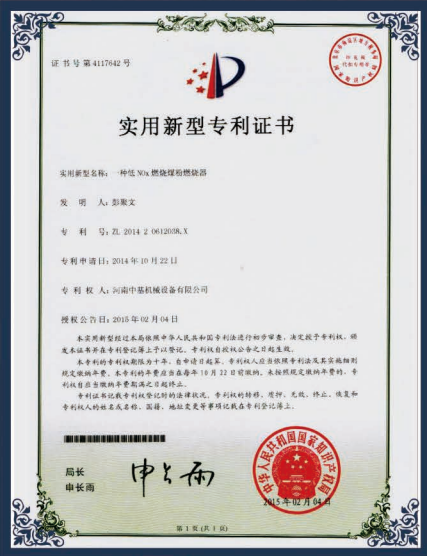
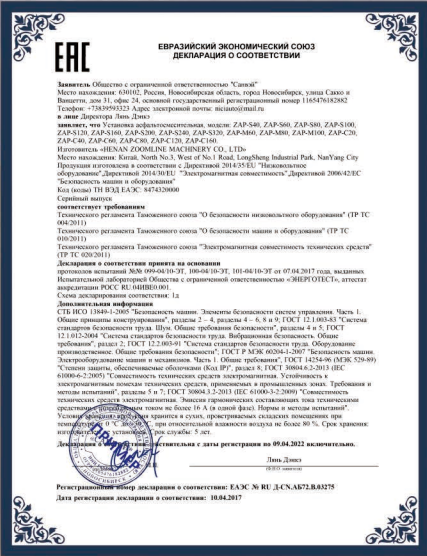


关于我们

About ZOOMLINE

The ZOOMLINE Super Wheel-Mounted Mobile Asphalt Mixing Plant is an innovative solution designed based on our proven stationary drum asphalt plant and semi-mobile asphalt plant. This equipment embodies advanced design technology, ensuring not only high performance but also exceptional reliability. Each component of this plant is meticulously crafted to enhance functionality and user experience, making it a valuable asset for any construction project.

ZOOMLINE超级移动连续式沥青拌合站是一种创新解决方案，基于我们经过验证的固定连续式沥青拌合站和半移动式沥青拌合站设计。这款设备体现了先进的设计理念，不仅确保高性能，还具备卓越的可靠性。该厂的每个组件都经过精心制作，以增强功能和用户体验，使其成为任何施工项目的得力助手。



What sets the ZOOMLINE Super Wheel-Mounted Mobile Asphalt Mixing Plant apart is its mobility and flexibility. Unlike traditional fixed facilities, this plant can be easily transported and set up on-site, allowing for quick adaptation to various construction environments. This versatility significantly reduces operational costs while maintaining the high production standards typically associated with stationary plants.

ZOOMLINE超级轮胎移动式沥青拌合站的独特之处在于其移动性和灵活性。与传统的固定站不同，该站可以轻松运输并在现场搭建，快速适应各种施工环境。这种灵活性显著降低了运营成本，同时保持了与固定站通常相关的高生产标准。

Customized Frame Axle

- Function: Designed and manufactured by professional vehicle manufacturers for optimal stability and durability.

定制车辆车桥

功能：由专业车辆制造商设计和制造，以确保最佳的稳定性和耐用性。

优点：增强整体强度，提供优越的抗震能力，适用于多样的道路条件。

Plug-In Components

- Function: Simplifies the assembly and disassembly process.

- Advantages: Reduces installation costs and minimizes setup time, enabling rapid operational readiness.

插件组件

功能：简化设备的组装和拆卸过程。

优点：降低安装成本，最小化组装搭建时间，使设备能够最快速投入使用。

High Production Capacity

- Function: Produces between 20 to 160 tonnes of asphalt per hour, catering to projects of all sizes.

- Advantages: Reliable production support for both small-scale repairs and large infrastructure developments.

高生产能力

功能：每小时生产10到200吨沥青，适应各种规模的项目。

优点：为小规模修复和大型基础设施建设提供可靠的生产支持。

Advanced Mixing Technology

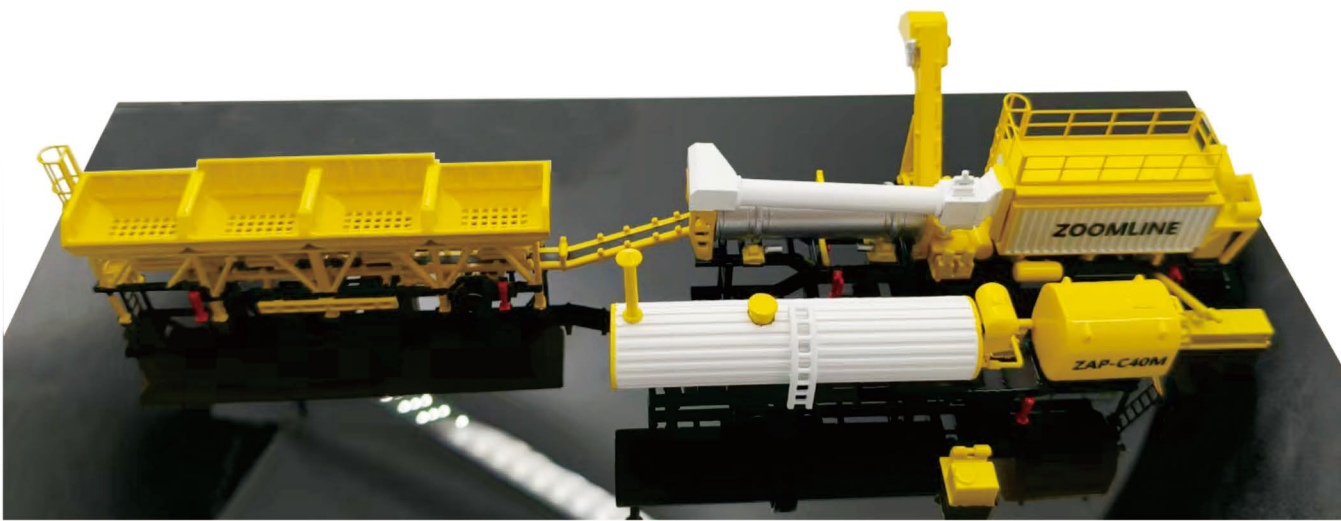
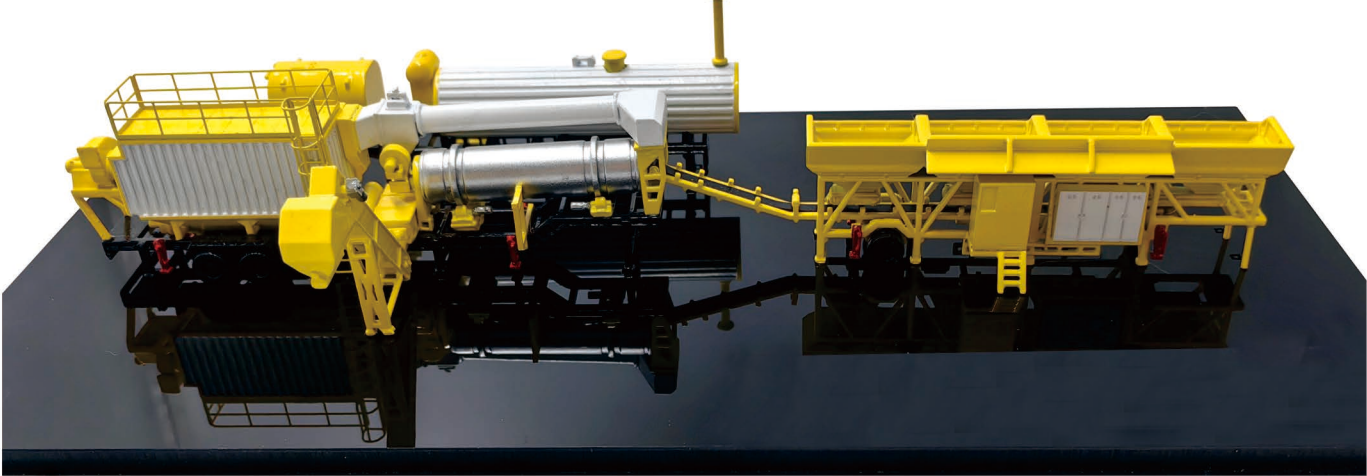
- Function: Features an external mixer for optimal blending of asphalt and aggregates.

- Advantages: Ensures superior mixing uniformity and extends the lifespan of road surfaces.

先进的混合技术

功能：配备外部搅拌机，以实现沥青和骨料的最佳混合。

优点：确保混合均匀性优越，延长路面使用寿命。并可扩展添加沥青再生（RAP），生产成本进一步降低。



Eco-Friendly Design

- Function: Incorporates a baghouse dust collector and low-emission technologies.

- Advantages: Complies with environmental regulations while promoting corporate social responsibility.

生态环保设计

功能：配备袋式除尘器和低排放技术。

优点：符合环境法规，同时促进企业社会责任。

Additional Features

- Tri-Fuel Burner: Offers flexibility by accommodating additional combustibles such as natural gas, coal etc.

- Cold Feeders: Comes with one or two additional cold feeders for optimal material handling.

- Mobile/Stationary Tanks: Configurable bitumen and fuel tanks to meet project requirements.

- Heavy Oil and Bitumen Heater: Ensures effective heating during mixing.

- Recycling Addition: Facilitates direct recycling integration into the mixer, optimizing resource use.

- Filler Addition: Options for volumetric or gravimetric integration of imported and reclaimed fillers for precise mixtures.

- Bitumen Counter: Ensures accurate dosing of bitumen through gravimetric measurement.

- Bitumen Foam Generator: Enhances mixture quality and performance.

- Fibre Addition: Allows for volumetric or gravimetric fiber integration to improve asphalt properties.

- Hot Mix Storage Silo: Offers lateral storage options for hot mix asphalt.

- Customization Options: Additional features and configurations available upon request to suit specific project needs.

附加功能

燃烧器：通过支持天然气、煤粉、燃油等燃料，提供灵活性和选择多样性。

冷料给料机：配备一到五个额外的冷料给料机，以确保最佳物料处理。

移动/固定罐：可配置的沥青和燃料罐，以满足项目需求。

重油和沥青加热器：确保混合过程中的有效加热。

回收添加：促进直接回收集成到搅拌机中，优化资源使用。

填料添加：提供矿粉和回收填料的体积计量或重量计量集成选项，以确保精确混合。

沥青计数器：通过重量计量确保沥青的准确计量。

沥青泡沫发生器：提高混合物的质量和性能。

纤维添加：允许体积计量或重量计量的纤维集成，以改善沥青性能。

热料成品筒仓：提供热混合沥青的侧面储存选项。

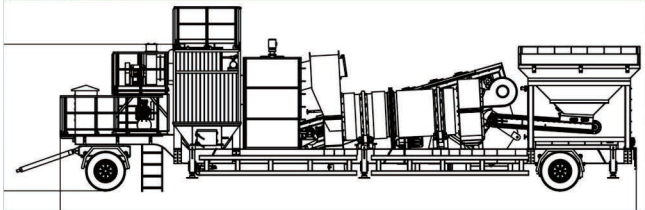
定制选项：根据具体项目需求提供额外功能和配置。

Models and Technical Parameter
型号及技术参数

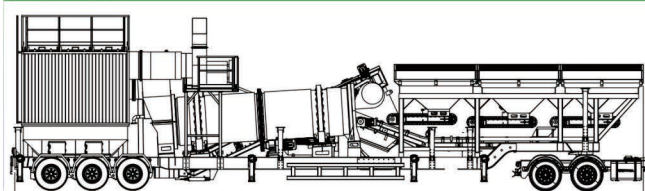
Model 型号	ZAP-C20M	ZAP-C40M	ZAP-C60M	ZAP-C80M	ZAP-C120M	ZAP-C160M	ZAP-C200M
Rated output (t/h) 额定产量 (吨/时)	20	40	60	80	120	160	200
Oil consumption(kg/t) 燃烧器(耗油量)(千克/时)	≤7	≤7	≤7	≤7	≤7	≤7	≤7
Total power (kW) 总功率 (千瓦)	50	69	110	150	210	210	240
Dimension(L×W×H)m 主机尺寸(长×宽×高)米	15.5×3.1×4.48	17.9×3.1×4.48	21×3.1×4.48	21×3.1×4.48	21.5×3.1×4.48	22.5×3.1×4.48	23×3.1×4.48
Amount of axles 车桥轴数	2	2	2	2	3	3	4
Volume of cold feed bins 级配斗容积(立方米)	4.5m³	2×4.5m³	3/4×4.5m³	4×6.5m³	4×8m³	5×8m³	5×8m³
Size of drum(Diameter×Length) 滚筒尺寸(直径×长度)(米)	Ø1.2m×3.8m	Ø1.2m×5.2m	Ø1.5m×7m	Ø1.5m×7m	Ø1.8m×8.5m	Ø1.95m×8.5m	Ø2.2m×8.5m
滚筒驱动功率 (千瓦) Driving power of drum (kW)	7.5	15	4×5.5	4×7.5	4×11	4×15	4×18.5
Type of dust collector 除尘器类型	Bag house filter (Optional water dust removal) 袋式过滤器(可选配水除尘)						
Filter area 除尘器过滤面积(平方米)	115m²	150m²	210m²	260m²	350m²	400m²	450m²
Power of induced draft fan (kW) 引风机功率 (千瓦)	11	18.5	30	37	55	75	90
Volume of finished product silo (m³) 成品仓容积 (立方米)	Standard 1.5m³, optional 7.5m³, 20m³ (or other requirements) 标配1.5m³, 可选7.5m³, 20m³ (或其他要求)						
Operation methods 操作方式	Manual/Automatic 手动 / 自动						
Type of mixing 搅拌类型	Continuous type 连续型						
Bitumen heating way 沥青加热方式	Electrical heating,thermal conductin oil heating, direct heating 电加热、导热油加热、直接加热						
Measurment of bitumen 沥青计量方式	Flow measurement 流量测量						
Temperature of finished asphalt (°C) 成品料温度(摄氏度)(度)	130℃～160℃						

设计案例
Design Cases

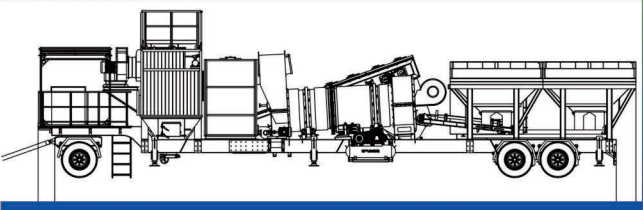
cold bin design
冷料仓设计



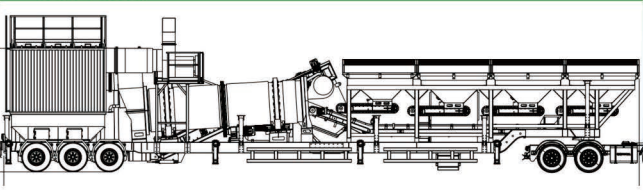
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冷料仓设计



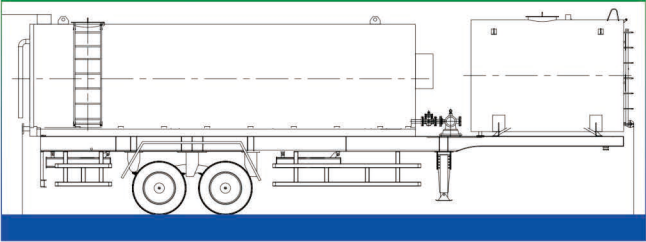
cold bin design
冷料仓设计



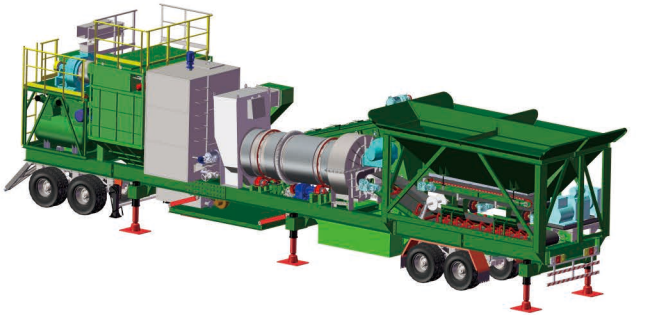
cold bin design
冷料仓设计



Bitumen tank can be designed to mobile type
沥青罐可设计为移动式



3D图
3-D Diagram



Bitumen tank can be designed to stationary type
沥青罐可设计为固定式

