



Road Construction Machinery with 2800-5500vpn Vibrating Frequency, 800mm Drum Diameter, and 4m-20m/min Working Speed for Efficient Roadway Construction

Basic Information



Product Specification

- Depth Adjustment: Handle Rotation
- Rotary Speed: 2100 Rpm
- Vibrating Frequency: 2800-5500vpn
- Laser Emission System: Topcon Japan/Leica Switzerland
- Motor Power: 30kw
- Working Speed: 4m-20m/min
- Model: YM330/YM400/YM630
- Feature: High Drilling Efficiency
- Highlight:
 - 2800-5500vpn Vibrating Frequency Road Construction Machinery
 - 800mm Drum Diameter Roadway Construction Heavy Equipment
 - 4m-20m/min Working Speed Asphalt Paving

Our Product Introduction

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Product Description:

The Road Construction Machinery models YM330, YM400, and YM630 represent a pinnacle of innovation and efficiency in the field of roadway construction heavy equipment. Designed specifically to meet the demanding needs of modern infrastructure projects, these machines offer exceptional performance, reliability, and versatility, making them indispensable tools in the arsenal of construction professionals worldwide.

One of the standout features of these models is their high drilling efficiency. Equipped with a powerful mechanism and an 800mm drum diameter, the machinery is capable of executing precise and rapid drilling operations essential for various stages of road construction. This large drum diameter not only facilitates deeper and wider cuts but also enhances the overall productivity by reducing the time needed for drilling tasks. Whether it's preparing the ground for asphalt paving or other foundational work, the YM330, YM400, and YM630 models deliver consistent and reliable results.

The depth adjustment capability of these machines is engineered for simplicity and precision through a handle rotation system. This intuitive mechanism allows operators to easily control and modify drilling depth, ensuring accuracy and adaptability to different project requirements. By enabling fine adjustments, the handle rotation feature minimizes errors and material wastage, ultimately contributing to cost-effective operations and superior construction quality.

In terms of working speed, the Road Construction Machinery series offers a flexible range from 4 meters to 20 meters per minute. This variable speed functionality allows operators to tailor the machine's pace to specific job conditions, optimizing efficiency and safety. The ability to adjust working speed ensures that the equipment can handle both delicate finishing tasks and high-volume paving jobs with equal competence, making it a versatile choice in asphalt paving machinery.

These models are engineered to excel in diverse roadway construction environments, providing robust performance in heavy-duty applications. As essential roadway construction heavy equipment, they are built to withstand harsh job site conditions, including uneven terrain, varying soil types, and continuous operational demands. The durable construction and advanced engineering of the YM330, YM400, and YM630 ensure longevity and reduced maintenance downtime, which are critical factors for large-scale infrastructure projects. The integration of these machines into your construction fleet can significantly enhance project timelines and quality outcomes. Their ability to seamlessly blend high drilling efficiency with user-friendly controls and adjustable working speeds makes them ideal for a wide array of applications, from initial site preparation to final asphalt paving layers. This adaptability underscores their importance as key components in modern asphalt paving machinery, capable of supporting the rigorous demands of roadway construction heavy equipment. In summary, the Road Construction Machinery models YM330, YM400, and YM630 offer an optimal combination of power, precision, and versatility. Featuring an 800mm drum diameter, handle rotation depth adjustment, and a working speed range of 4m-20m/min, these machines are designed to meet the evolving challenges of roadway construction projects. They stand out as reliable, efficient, and durable options in the category of roadway construction heavy equipment and asphalt paving machinery, ensuring that infrastructure developments achieve both high quality and timely completion.

Features:

Product Name: Road Construction Machinery

Working Speed: 4m-20m/min for efficient operation

Depth Adjustment: Handle Rotation for precise control

Material: Made from Steel and High-strength Alloys for durability

Automatic Grade: Semi-automatic for balanced automation and manual control

Motor Power: 30kw providing robust performance

Ideal for use as Road Surface Preparation Equipment

Designed specifically for Civil Engineering Road Machinery applications

Suitable for Asphalt Paving Machinery tasks

Technical Parameters:

Rotary Speed	2100 Rpm
Automatic Grade	Semi-automatic
Cutting Depth	0-208mm
Engine Type	Air-cooled 4-cycle Gasoline
Laser Emission System	Topcon Japan/Leica Switzerland
Vibrating Frequency	2800-5500vpm
Speed	60-135 Rpm
Drum Diameter	800mm
Working Speed	4m-20m/min
Depth Adjustment	Handle Rotation

Applications:

Road construction machinery plays a crucial role in the efficient and timely completion of various infrastructure projects. Designed as

Heavy Road Building Equipment, these machines are engineered to handle the rigorous demands of roadway construction with precision and durability. Their robust construction, utilizing steel and high-strength alloys, ensures longevity and resilience even under the most challenging working conditions.

One of the primary application occasions for this Roadway Construction Heavy Equipment is the building and maintenance of highways, expressways, and urban roads. With a cutting depth capacity of up to 208mm, these machines can efficiently cut through asphalt, concrete, and other road materials, making them ideal for tasks such as road resurfacing, trenching, and expansion joint cutting. This capability enables road construction teams to prepare road surfaces for overlays, repairs, or utility installations with high precision. The operational speed of this Heavy Road Building Equipment is another significant advantage. Featuring a rotary speed of 2100 Rpm and working speeds ranging from 4 meters to 20 meters per minute, these machines provide a balanced combination of speed and control. The adjustable speed range of 60 to 135 Rpm allows operators to tailor the machine's performance to specific project requirements, ensuring optimal cutting efficiency and surface finish quality.

Beyond standard road building activities, this machinery is also suited for specialized construction scenarios such as airport runways, parking lots, and industrial site paving. Its robust steel and alloy components offer resistance to wear and tear, making it reliable for continuous use in heavy-duty projects. Additionally, the versatility in working speed and cutting depth makes it adaptable to various pavement thicknesses and materials.

In summary, road construction machinery classified under Heavy Road Building Equipment and Roadway Construction Heavy Equipment is indispensable for modern infrastructure development. Its combination of high rotary speeds, adjustable working speeds, significant cutting depth, and durable material composition ensures that it meets the demands of diverse construction environments, ultimately contributing to safer, smoother, and more durable roadways.

Customization:

Our Asphalt Paving Machinery offers customizable options to meet your specific road construction needs. With a powerful 30kw motor, this Motorized Road Repair Tool ensures efficient and reliable performance. You can easily adjust the depth using the convenient handle rotation system, allowing precise control during operation. The drum diameter of 800mm provides optimal surface contact, while the rotary speed of 2100 RPM guarantees smooth and consistent asphalt application. Additionally, the working width is adjustable between 2 to 6 meters, making this Asphalt Paving Machinery versatile for various project sizes. Customize your equipment today to enhance productivity and achieve superior road repair results.

Support and Services:

Our Road Construction Machinery product is supported by a dedicated technical support team committed to ensuring optimal performance and reliability. We offer comprehensive services including installation assistance, routine maintenance guidance, troubleshooting, and repair support. Our experts provide detailed product manuals and operational training to help maximize the efficiency and lifespan of your machinery. Additionally, we supply genuine spare parts and upgrade options to keep your equipment running smoothly. For any technical inquiries or service needs, our team is ready to assist you promptly and professionally, ensuring minimal downtime and continuous productivity on your construction projects.



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