



Road Construction Machinery with 2800-5500vpn Vibrating Frequency, 60-135 Rpm Speed, and 800mm Drum Diameter

Basic Information



Product Specification

- Drum Diameter: 800mm
- Laser Emission System: Topcon Japan/Leica Switzerland
- Material: Steel And High-strength Alloys
- Feature: High Drilling Efficiency
- Depth Adjustment: Handle Rotation
- Cutting Depth: 0-208mm
- Vibrating Frequency: 2800-5500vpn
- Speed: 60-135 Rpm
- Highlight: **2800-5500vpn Vibrating Frequency Road Construction Machinery**
,
60-135 Rpm Speed Road Construction Machinery
,
800mm Drum Diameter Road Construction

Our Product Introduction

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Product Description:

The Road Construction Machinery is a state-of-the-art piece of equipment designed to meet the demanding needs of modern roadway projects. With a powerful motor delivering 30kw of motor power, this machine is engineered to provide robust performance, ensuring that road construction tasks are completed efficiently and effectively. The high motor power allows the equipment to operate smoothly under heavy workloads, making it an indispensable tool for construction professionals who require reliability and strength in their machinery. One of the standout features of this road construction machinery is its vibrating frequency, which ranges from 2800 to 5500 vibrations per minute (vpm). This adjustable vibrating frequency enhances the machine's ability to compact and stabilize road materials, ensuring a solid and durable road surface. The vibration mechanism plays a crucial role in achieving optimal compaction, reducing air voids, and increasing the density of the construction materials, which ultimately leads to longer-lasting roadways.

In terms of operational capabilities, the machinery offers a working speed of 4 to 20 meters per minute. This range of speed settings allows operators to adapt the machine's performance to various project requirements, whether it involves delicate repairs or large-scale road construction. The ability to control working speed adds versatility to the machinery, making it suitable for a wide range of applications in highway and roadway construction projects.

The drum diameter of 800mm is another critical specification that contributes to the machine's effectiveness. The sizable drum provides a broad contact area for compaction, enabling the equipment to cover more ground in less time. This feature not only increases productivity but also ensures uniform compaction across the road surface. The combination of drum size and vibrating frequency makes this machinery exceptionally efficient at preparing road bases and finishing surfaces.

A key advantage of this road construction machinery is its high drilling efficiency, which sets it apart from conventional equipment. The enhanced drilling capability allows for precise and rapid penetration into various substrates, facilitating tasks such as soil stabilization, foundation work, and road repair. This efficiency reduces downtime and accelerates project timelines, offering significant cost savings and improved project outcomes.

As a vital piece of motorized road repair tools, this machinery fits seamlessly into the category of roadway construction heavy equipment. It is designed to withstand the rigors of construction sites while delivering consistent performance. The integration of advanced motor power, adjustable vibration, and optimal working speed ensures that operators can tackle complex roadway challenges with confidence and ease.

Furthermore, this road construction machinery is an excellent example of highway construction machines that combine innovation with practical functionality. Its robust design, combined with user-friendly controls and maintenance features, makes it a preferred choice for construction companies focused on quality and efficiency. The machinery's versatility also means it can be employed in various construction scenarios, from highway expansions to routine road maintenance and repairs.

In summary, this road construction machinery represents a significant advancement in the field of roadway construction. With its 30kw motor power, customizable vibrating frequency of 2800-5500vpm, working speed range of 4-20 meters per minute, and an 800mm drum diameter, it provides unmatched performance and reliability. Its high drilling efficiency further enhances its value, making it an essential tool among motorized road repair tools, roadway construction heavy equipment, and highway construction machines. For professionals seeking durable, efficient, and versatile equipment, this machinery stands out as an optimal choice for all road construction and repair needs.

Features:

Product Name: Road Construction Machinery

Drum Diameter: 800mm

Automatic Grade: Semi-automatic

Vibrating Frequency: 2800-5500vpm

Depth Adjustment: Handle Rotation

Cutting Depth: 0-208mm

Ideal for Roadway Construction Heavy Equipment applications

Efficient Road Surface Preparation Equipment

Designed for Asphalt Paving Machinery tasks

Technical Parameters:

Automatic Grade	Semi-automatic
Motor Power	30kw
Rotary Speed	2100 Rpm
Feature	High Drilling Efficiency
Working Speed	4m-20m/min
Model	YM330/YM400/YM630
Drum Diameter	800mm
Cutting Depth	0-208mm
Depth Adjustment	Handle Rotation
Speed	60-135 Rpm

Applications:

The Road Construction Machinery equipped with an 800mm drum diameter is specifically designed to meet the rigorous demands of modern roadway projects. Its robust construction, utilizing high-strength steel and alloys, ensures durability and longevity even under the most challenging conditions. This machinery is an essential component in the category of Asphalt Paving Machinery, providing superior performance for laying down smooth and durable road surfaces.

One of the standout features of this Roadway Construction Heavy Equipment is its advanced laser emission system, sourced from Topcon Japan and Leica Switzerland. This cutting-edge technology allows for precise leveling and alignment during construction, significantly enhancing the accuracy and quality of asphalt paving tasks. The integration of such premium laser systems ensures that the machinery can be effectively used in complex roadway construction scenarios where precision is paramount.

Powered by a 30kw motor, this equipment delivers high drilling efficiency, enabling faster project completion without compromising on performance. The powerful motor allows the machine to handle various construction tasks, from compacting soil layers to preparing the base for asphalt application. This efficiency is crucial in large-scale infrastructure projects where time and quality are critical factors. In practical applications, this Roadway Construction Heavy Equipment is ideal for highway construction, urban road paving, airport runways, and other large-scale infrastructure projects. Its durability and high-performance features make it suitable for continuous operation in demanding environments. Contractors and construction companies rely on this machinery to ensure the stability and longevity of road surfaces, which directly impacts safety and usability.

Moreover, the machinery's design facilitates easy integration with other Asphalt Paving Machinery, optimizing the workflow on-site. Whether it is used in new roadway construction or maintenance and repair tasks, this equipment stands out for its reliability and precision. The combination of advanced laser technology, high motor power, and durable materials makes it a key asset in the field of Roadway Construction Heavy Equipment.

In summary, this Road Construction Machinery is a vital tool for any project involving asphalt paving and road construction. Its features, including the 800mm drum diameter, Topcon and Leica laser systems, 30kw motor, and robust steel and alloy build, ensure high efficiency and superior results. It is ideally suited for a wide range of roadway construction occasions and scenarios, from urban developments to major highway projects, providing the performance and reliability needed to meet modern infrastructure demands.

Customization:

Our Road Construction Machinery models YM330, YM400, and YM630 offer exceptional customization services tailored to meet your specific project needs. Featuring a speed range of 60-135 Rpm and a high drilling efficiency, these machines ensure optimal performance in various civil engineering road machinery applications. With a cutting depth of 0-208mm and a rotary speed of 2100 Rpm, they provide precise and efficient operation for road surface preparation equipment. Ideal for use in asphalt paving machinery, our customizable solutions enhance productivity and durability on every job site.

Support and Services:

Our Road Construction Machinery product comes with comprehensive technical support and services designed to ensure optimal performance and longevity. We provide detailed user manuals, on-site installation assistance, and operator training sessions to help you get the most out of your equipment.

Our dedicated technical support team is available to troubleshoot any issues, offer maintenance advice, and provide timely solutions to minimize downtime. Regular maintenance services and genuine spare parts are available to keep your machinery running smoothly and efficiently.

We also offer software updates and calibration services to enhance the functionality and accuracy of your road construction equipment. Whether you need emergency repairs or scheduled servicing, our professional technicians are equipped to support your operations at every stage.

Choose our Road Construction Machinery for reliable technology backed by expert technical support and comprehensive service solutions tailored to meet the demands of your construction projects.



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