



30kw Motor Power Road Construction Machinery with 800mm Drum Diameter and 2800-5500vpm Vibrating Frequency for High Drilling Efficiency

Basic Information



Product Specification

- Laser Emission System: Topcon Japan/Leica Switzerland
- Motor Power: 30kw
- Model: YM330/YM400/YM630
- Feature: High Drilling Efficiency
- Cutting Depth: 0-208mm
- Engine Type: Air-cooled 4-cycle Gasoline
- Drum Diameter: 800mm
- Working Speed: 4m-20m/min
- Highlight: **30kw Motor Power Road Construction Machinery**
,
800mm Drum Diameter Motorized Road Repair Tools
,
2800-5500vpm Vibrating Frequency Civil

Our Product Introduction

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Product Description:

The Road Construction Machinery is an advanced piece of Civil Engineering Road Machinery designed to meet the demanding needs of modern roadway construction projects. Engineered with precision and robust technology, this equipment offers exceptional performance and reliability, making it an indispensable tool for any road construction or repair task. With a cutting depth capability of 0-208mm, this machine is versatile enough to handle a wide range of applications, from shallow surface repairs to deeper milling operations, ensuring that the road surface is properly prepared for subsequent layers or repairs.

One of the standout features of this machinery is its powerful 30kw motor, which provides the necessary force to operate efficiently even under challenging conditions. This high motor power ensures that the machine can maintain consistent cutting performance, reducing downtime and increasing overall productivity on the construction site. The motorized design allows for smooth and controlled operation, minimizing operator fatigue and enhancing precision during road repair processes.

With a working width that ranges from 2 to 6 meters, the Road Construction Machinery offers great flexibility for different project sizes and requirements. Whether the task involves narrow urban street repairs or wide highway milling, this equipment can be adjusted to suit the specific width needed, optimizing the operation and reducing the time required to complete the job. This adaptability makes it a valuable asset for contractors who face diverse roadway construction challenges.

The machinery features a drum diameter of 800mm, which plays a crucial role in its high drilling efficiency. The large drum diameter allows for effective material removal and smooth milling, contributing to faster project completion times. This feature is particularly important in large-scale civil engineering projects where time and efficiency are critical factors. The design of the drum ensures minimal vibration and noise, improving operator comfort and safety during prolonged use.

Incorporating the latest advancements in technology, this Road Construction Machinery is categorized among the best Motorized Road Repair Tools available in the market today. Its combination of powerful motor, adjustable working width, and efficient cutting depth makes it ideal for a variety of road maintenance and construction tasks. It is capable of addressing surface irregularities, removing damaged pavement layers, and preparing the roadbed for new asphalt or concrete layers, thereby extending the lifespan of roadways and enhancing driving safety.

As a piece of roadway construction heavy equipment, this machinery is built to withstand the rigors of continuous use in tough environments. Its durable construction and high-quality components ensure longevity and low maintenance costs, making it a cost-effective choice for construction companies and municipal road maintenance departments. Furthermore, its user-friendly controls and ergonomic design facilitate easy operation, allowing skilled operators to maximize the machine's potential with minimal training. In summary, the Road Construction Machinery represents a significant advancement in Civil Engineering Road Machinery. Its powerful 30kw motor, versatile working width of 2 to 6 meters, substantial cutting depth of up to 208mm, and large 800mm drum diameter collectively deliver high drilling efficiency and reliable performance. This equipment is essential for professionals seeking Motorized Road Repair Tools that combine efficiency, flexibility, and durability. Whether for routine road maintenance or extensive roadway reconstruction, this machinery stands out as a top-tier solution in the field of roadway construction heavy equipment.

Features:

Product Name: Road Construction Machinery

Automatic Grade: Semi-automatic

Vibrating Frequency: 2800-5500vpn

Drum Diameter: 800mm

Working Speed: 4m-20m/min

Engine Type: Air-cooled 4-cycle Gasoline

Ideal for use as Motorized Road Repair Tools

Efficient Motorized Road Repair Tools for various applications

Designed for Highway Construction Machines needs

Technical Parameters:

Laser Emission System	Topcon Japan/Leica Switzerland
Motor Power	30kw
Automatic Grade	Semi-automatic
Rotary Speed	2100 Rpm
Working Width	2 - 6 Meters
Depth Adjustment	Handle Rotation
Vibrating Frequency	2800-5500vpn
Material	Steel And High-strength Alloys
Cutting Depth	0-208mm
Feature	High Drilling Efficiency

Applications:

The Road Construction Machinery equipped with a rotary speed of 2100 RPM and a drum diameter of 800mm is designed to meet a wide range of applications in the field of civil engineering road machinery. Its working width, adjustable between 2 to 6 meters, allows for versatile use in various road construction and maintenance projects, making it an essential tool for motorized road repair tools.

One of the primary application occasions for this machinery is in large-scale highway construction and maintenance. The high drilling efficiency feature ensures rapid and precise cutting or milling of road surfaces, which is crucial for preparing the foundation for new pavement layers. This machinery is ideal for tasks such as asphalt milling, concrete pavement removal, and surface profiling, all of which are common requirements in civil engineering road machinery operations.

In urban road repair scenarios, the machine's laser emission system, integrated with advanced technology from Topcon Japan or Leica Switzerland, provides exceptional accuracy and control. This system enables operators to achieve precise depth and alignment during road repairs, which enhances the quality and durability of the restored surfaces. Consequently, it is widely used for repairing city streets, sidewalks, and other urban infrastructure where precision and efficiency are paramount.

Additionally, this road construction machinery is suitable for use in airport runway maintenance, parking lot renovations, and bridge deck repairs. Its ability to handle different working widths and maintain high rotary speeds allows it to adapt to various surface conditions and project scales. These capabilities make it a reliable choice among motorized road repair tools for civil engineering projects that demand both speed and accuracy.

Moreover, the robust build and advanced laser emission system contribute to safer and more efficient operation in challenging environments, such as mountainous terrain or areas with restricted space. This flexibility ensures that the equipment can be deployed in diverse scenarios, from rural road construction to complex urban infrastructure projects, reinforcing its position as a vital asset in civil engineering road machinery.

In summary, the Road Construction Machinery with its high drilling efficiency, adjustable working width, and precision laser emission system is indispensable for a variety of road construction and repair applications. Whether for extensive highway projects or detailed urban road maintenance, this machine enhances productivity and quality, making it a cornerstone in the field of civil engineering road machinery and motorized road repair tools.

Customization:

Our Asphalt Paving Machinery offers customizable solutions tailored to meet the specific needs of your road construction projects. With a working speed range of 4m-20m/min, this equipment ensures efficient and precise paving operations. The machinery operates at speeds between 60-135 Rpm, complemented by a rotary speed of 2100 Rpm for optimal performance.

Featuring a drum diameter of 800mm and a vibrating frequency adjustable from 2800 to 5500vpm, our Civil Engineering Road Machinery guarantees superior compaction and surface quality. Designed to handle the demands of Roadway Construction Heavy Equipment, this product customization service allows you to adapt the machinery settings to suit varying project requirements, ensuring maximum productivity and durability.

Choose our product customization services to optimize your road construction machinery, enhancing efficiency and achieving exceptional results in every project.

Support and Services:

Our Road Construction Machinery Technical Support team is dedicated to providing comprehensive assistance to ensure the optimal performance and longevity of your equipment. We offer expert guidance on installation, operation, and maintenance procedures tailored to your specific machinery model.

Our services include troubleshooting support to quickly identify and resolve any technical issues that may arise, minimizing downtime and enhancing productivity on your construction projects. We also provide detailed documentation, including user manuals, maintenance schedules, and parts catalogs to facilitate proper equipment management.

Regular training sessions and workshops are available to keep your operators and maintenance personnel up-to-date with the latest operational techniques and safety standards. Additionally, we offer on-site support and inspection services to help you maintain compliance with industry regulations and maximize equipment efficiency.

For spare parts and replacement components, we ensure the availability of genuine parts that meet the highest quality standards, helping to extend the service life of your machinery. Our technical support team is committed to delivering prompt and effective solutions, tailored to meet the dynamic needs of road construction projects worldwide.



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