



Road Construction Machinery with 2 to 6 Meters Working Width 30kw Motor Power and Leica Switzerland Laser Emission System for Road Building

Our Product Introduction

Basic Information



Product Specification

- Model: YM330/YM400/YM630
- Material: Steel And High-strength Alloys
- Laser Emission System: Topcon Japan/Leica Switzerland
- Engine Type: Air-cooled 4-cycle Gasoline
- Working Speed: 4m-20m/min
- Depth Adjustment: Handle Rotation
- Cutting Depth: 0-208mm
- Vibrating Frequency: 2800-5500vpm
- Highlight: **2 to 6 Meters Working Width Road Construction Machinery**
, 30kw Motor Power Road Building Equipment,
Leica Switzerland Laser Emission System Road
Surface Preparation Equipment

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Product Description:

The Road Construction Machinery, available in models YM330, YM400, and YM630, represents a significant advancement in the field of heavy road building equipment. Designed specifically for efficient and effective road repair and construction, this machinery is an essential asset for any large-scale infrastructure project. Its robust design and advanced features make it a top choice among motorized road repair tools, delivering superior performance in various road construction tasks.

One of the standout features of this road construction machinery is its high drilling efficiency. Equipped with a powerful drilling system, it ensures rapid and precise drilling operations, reducing the time required for road surface preparation. This efficiency translates to faster project completion times and lower operational costs, which are critical factors in large construction projects. The high drilling efficiency also enhances productivity by allowing continuous operation with minimal downtime.

The machinery boasts a versatile working width ranging from 2 to 6 meters, making it adaptable to different project requirements. Whether working on narrow urban roads or wide highways, the adjustable working width ensures optimal coverage and precision. This flexibility is crucial for accommodating various road sizes and construction conditions, enabling operators to tailor the machinery's performance to specific job sites.

Another important specification is the drum diameter of 800mm, which plays a vital role in the cutting and milling process. The large drum diameter allows for effective material removal and smooth cutting action, contributing to the overall efficiency and quality of the road surface preparation. This feature is particularly beneficial when dealing with tough road materials and surfaces, ensuring consistent performance across different road types.

The cutting depth of the machinery ranges from 0 to 208mm, offering considerable versatility in road repair and construction tasks. This wide range of cutting depth enables operators to perform shallow surface repairs as well as deeper milling operations. Such adaptability is essential for addressing various road conditions, from minor surface cracks to significant pavement rehabilitation projects. The ability to precisely control cutting depth also helps in preserving the underlying road structure while removing damaged layers.

Models YM330, YM400, and YM630 each cater to different operational needs and project scales, providing options for contractors and construction companies to choose the most suitable equipment. These models incorporate advanced technology and durable components to withstand the rigors of heavy road construction work. Their design emphasizes ease of use, maintenance, and reliability, ensuring long-term service life and operational efficiency.

As part of the category of heavy road building equipment, this road construction machinery stands out for its blend of power, precision, and versatility. It is engineered to meet the demanding requirements of modern road construction projects, where efficiency and quality are paramount. By integrating motorized road repair tools into its operation, the machinery automates and streamlines the repair process, reducing labor intensity and improving safety on site.

In summary, the Road Construction Machinery models YM330, YM400, and YM630 deliver exceptional performance with their high drilling efficiency, adjustable working width of 2 to 6 meters, 800mm drum diameter, and cutting depth capability of up to 208mm. These features make it an indispensable tool in the arsenal of heavy road building equipment. Whether for new road construction, maintenance, or repair, this machinery ensures effective and reliable results, supporting the development of durable and safe road infrastructure.

Features:

Product Name: Road Construction Machinery

Rotary Speed: 2100 Rpm

Vibrating Frequency: 2800-5500 vpn

Depth Adjustment: Handle Rotation

Model Options: YM330, YM400, YM630

Automatic Grade: Semi-automatic

Ideal for Road Surface Preparation Equipment

Designed as Heavy Road Building Equipment

Efficient Road Surface Preparation Equipment for various construction needs

Technical Parameters:

Engine Type	Air-cooled 4-cycle Gasoline
Drum Diameter	800mm
Laser Emission System	Topcon Japan/Leica Switzerland
Material	Steel And High-strength Alloys
Feature	High Drilling Efficiency
Depth Adjustment	Handle Rotation
Vibrating Frequency	2800-5500vpn
Speed	60-135 Rpm
Rotary Speed	2100 Rpm
Model	YM330/YM400/YM630

Applications:

The Road Construction Machinery equipped with advanced technology is indispensable in modern infrastructure projects, particularly in the field of roadway construction. Featuring a Laser Emission System sourced from Topcon Japan and Leica Switzerland, this machinery ensures unparalleled precision and accuracy during operations. This high-tech laser guidance facilitates optimal alignment and leveling, which is critical when working with Asphalt Paving Machinery and other roadway construction heavy equipment. The integration of such a sophisticated laser system enhances overall project quality and significantly reduces manual errors.

One of the standout features of this Road Construction Machinery is its powerful 30kw motor, which delivers robust performance essential for demanding construction tasks. Coupled with a rotary speed of 2100 RPM, this machine operates efficiently even under strenuous conditions. The high drilling efficiency it offers makes it ideal for various applications such as soil stabilization, foundation drilling, and installing utilities beneath roadways. This efficiency translates to faster project completion times and reduced labor costs, making it a valuable asset for contractors and construction firms.

Furthermore, the machinery's adjustable speed range of 60-135 RPM allows for versatility in different operational scenarios. Whether it's precision drilling or heavy-duty excavation, the ability to modulate speed ensures adaptability to diverse soil conditions and project requirements. This flexibility is particularly beneficial when used alongside other roadway construction heavy equipment, as it can seamlessly integrate into complex workflows involving asphalt laying, grading, and compaction.

This Road Construction Machinery is designed to excel in various application occasions, including highway expansions, urban road development, and maintenance of existing road networks. Its compatibility with Asphalt Paving Machinery makes it an essential tool in the paving process, ensuring that the underlying foundation is properly prepared for asphalt application. Additionally, its robust build and advanced features make it suitable for large-scale infrastructure projects where reliability and performance are paramount.

In summary, the Road Construction Machinery with its top-tier Laser Emission System from Topcon Japan and Leica Switzerland, high rotary speed of 2100 RPM, 30kw motor power, and adjustable speed range of 60-135 RPM is a critical component in the ecosystem of roadway construction heavy equipment. Its high drilling efficiency and adaptability to various scenarios make it an invaluable resource for modern road construction and maintenance projects, driving progress and innovation in the industry.

Customization:

Our Road Construction Machinery offers customizable options to meet the specific needs of your projects. With models YM330, YM400, and YM630 available, you can select the perfect fit for your requirements. The machines operate at a vibrating frequency ranging from 2800 to 5500 vpm, ensuring efficient compaction and surface preparation.

Equipped with advanced Laser Emission Systems from Topcon Japan or Leica Switzerland, our equipment guarantees precise measurements and enhanced accuracy for all your highway construction machines. The working speed can be adjusted between 4m to 20m per minute, allowing you to optimize productivity based on project demands.

Designed for versatility and performance, these roadway construction heavy equipment units feature speeds ranging from 60 to 135 RPM, making them ideal for various road surface preparation equipment applications. Customize your machine today to improve your road construction efficiency and quality.

Support and Services:

Our Road Construction Machinery product is backed by comprehensive technical support and services to ensure optimal performance and longevity. We provide expert consultation for installation, operation, and maintenance to help you maximize the efficiency of your equipment.

Our skilled technicians are available to assist with troubleshooting, repairs, and parts replacement, minimizing downtime and keeping your projects on schedule. We also offer regular maintenance programs tailored to the specific needs of your machinery, helping to prevent unexpected failures and extend service life.

Training sessions are available for operators and maintenance personnel to ensure safe and effective use of the machinery. Additionally, we provide detailed user manuals, technical documentation, and software updates to keep your equipment up-to-date with the latest advancements.

Choose our Road Construction Machinery for reliable performance supported by dedicated technical services designed to support your business success.



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