



## Road Milling Machine with 0-208mm Cutting Depth 800mm Drum Diameter and 30kw Motor Power for Precise Pavement Milling

### Basic Information



### Product Specification

- Feature: High Drilling Efficiency
- Drum Diameter: 800mm
- Cutting Depth: 0-208mm
- Material: Steel And High-strength Alloys
- Rotary Speed: 2100 Rpm
- Automatic Grade: Semi-automatic
- Working Width: 2 - 6 Meters
- Motor Power: 30kw
- Highlight: **0-208mm Cutting Depth Road Milling Machine, 800mm Drum Diameter Pavement Milling Equipment, 30kw Motor Power Concrete Removal Machine**

Our Product Introduction

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**Product Description:**

The Road Construction Machinery series, featuring models YM330, YM400, and YM630, represents a pinnacle of innovation and efficiency in the field of roadway construction heavy equipment. Designed to meet the rigorous demands of modern road repair and maintenance, these machines are engineered to deliver exceptional performance, precision, and reliability on every project. One of the standout features of this machinery series is its impressive cutting depth capability, ranging from 0 to 208mm. This range allows operators to tackle a wide variety of road surface conditions, from shallow repairs to deeper cuts required for more extensive roadway reconstruction. The ability to adjust cutting depth with precision ensures minimal material waste and optimal results, making these machines indispensable for asphalt paving machinery and other motorized road repair tools.

Equipped with a state-of-the-art laser emission system sourced from renowned international manufacturers such as Topcon Japan and Leica Switzerland, the Road Construction Machinery guarantees unparalleled accuracy in cutting and leveling operations. These advanced laser systems provide real-time guidance and alignment, enabling operators to maintain consistent depth and gradient throughout the project. This integration of cutting-edge technology not only enhances the quality of the finished road surface but also significantly reduces human error and labor costs.

In terms of operational efficiency, the machinery offers a working speed range of 4 to 20 meters per minute. This flexibility allows contractors to balance speed and precision based on the specific requirements of each job site. Whether working on high-speed highways or intricate urban roadways, the adjustable working speed ensures that the machinery adapts seamlessly to varying project demands, thus improving overall productivity and project turnaround times.

The depth adjustment mechanism of the Road Construction Machinery is designed for ease of use and reliability. Featuring a handle rotation system, operators can quickly and accurately modify the cutting depth without the need for additional tools or complex procedures. This user-friendly design not only saves time during setup and adjustments but also enhances safety by minimizing the risk of errors during operation.

Incorporating these advanced features, the YM330, YM400, and YM630 models stand out as essential motorized road repair tools for contractors specializing in asphalt paving machinery. Their robust construction, combined with precision engineering and technological integration, makes them ideal for a wide range of applications including road resurfacing, trenching, and general roadway maintenance. Overall, the Road Construction Machinery series offers a comprehensive solution for roadway construction heavy equipment needs. Its combination of adjustable cutting depth, cutting-edge laser emission systems, adaptable working speed, and intuitive depth adjustment controls ensures that every project is executed with maximum efficiency and accuracy. For contractors seeking reliable and high-performance equipment to enhance their asphalt paving operations, these models are a smart investment that delivers consistent results in demanding environments.

Choosing the YM330, YM400, or YM630 means equipping your fleet with powerful, versatile, and technologically advanced machinery that meets the highest standards of road construction and repair. Whether tackling small-scale repairs or large infrastructure projects, these machines provide the precision and durability needed to achieve long-lasting, quality road surfaces that stand the test of time.

**Features:**

- Product Name: Road Construction Machinery
- High Drilling Efficiency for optimal performance
- Working Width: 2 - 6 Meters. suitable for various road surface sizes
- Vibrating Frequency: 2800-5500vpm for effective road surface preparation
- Speed: 60-135 Rpm to ensure efficient operation
- Engine Type: Air-cooled 4-cycle Gasoline engine for reliable power
- Ideal Road Surface Preparation Equipment for smooth and durable roadways
- Classified under Roadway Construction Heavy Equipment for robust construction needs

**Technical Parameters:**

Cutting Depth	0-208mm
Motor Power	30kw
Automatic Grade	Semi-automatic
Material	Steel And High-strength Alloys
Depth Adjustment	Handle Rotation
Model	YM330 / YM400 / YM630
Drum Diameter	800mm
Laser Emission System	Topcon Japan / Leica Switzerland
Feature	High Drilling Efficiency
Working Speed	4m-20m/min

**Applications:**

The YM330, YM400, and YM630 models of road construction machinery are essential tools in the realm of roadway construction heavy

equipment. Designed to meet the rigorous demands of modern infrastructure projects, these machines offer exceptional performance and reliability. With a robust air-cooled 4-cycle gasoline engine, each model ensures consistent power delivery, making them ideal for various construction environments.

One of the standout features of these models is their adjustable speed range, operating between 60 to 135 RPM. This flexibility allows operators to tailor the machine's performance to specific tasks, whether it's compacting asphalt or preparing the subgrade. The motor power of 30 kW provides ample force to handle tough materials and challenging terrain, ensuring efficient completion of projects.

Equipped with an 800mm drum diameter, these machines excel in road surface preparation equipment applications. The wide drum facilitates uniform compaction over large areas, which is critical for creating a smooth and durable road surface. This attribute makes the YM330, YM400, and YM630 models indispensable in highway construction machines, where precision and consistency are paramount. These road construction machines are perfect for a range of construction scenarios, including new highway projects, maintenance of existing roadways, and repair of damaged surfaces. Their adaptability and power make them suitable for both urban and rural settings, supporting the development of reliable transportation networks. Whether working on highways, city streets, or rural roads, these machines contribute significantly to the quality and longevity of the pavement.

In addition to their primary function in compaction, these machines are also utilized in preparing the roadbed by compacting soil and other foundational materials. This preparation is crucial to ensure the stability and durability of the final road structure. The combination of powerful engines, optimal drum size, and adjustable speed makes these models versatile and highly effective in various road construction tasks.

Overall, the YM330, YM400, and YM630 models represent a blend of power, precision, and durability, making them a top choice among roadway construction heavy equipment. Their role in highway construction machines and road surface preparation equipment underscores their importance in building safe, reliable, and long-lasting road infrastructure worldwide.

### Customization:

Our Road Construction Machinery offers customizable solutions tailored to meet your specific project needs. Featuring a vibrating frequency range of 2800-5500vpm, this heavy road building equipment ensures optimal performance and efficiency. The drum diameter of 800mm provides excellent ground contact for effective road surface preparation.

Equipped with a high drilling efficiency feature, this road surface preparation equipment significantly reduces operation time while maintaining superior quality. The advanced laser emission system, available from Topcon Japan or Leica Switzerland, guarantees precise alignment and measurement for accurate construction results.

Powered by an air-cooled 4-cycle gasoline engine, this machinery delivers reliable and consistent power, suitable for various road construction environments. Whether you require heavy road building equipment or specialized road surface preparation equipment, our customizable options are designed to enhance your project's productivity and success.

### Support and Services:

Our Road Construction Machinery product line is supported by a comprehensive technical support and service program designed to ensure optimal performance and longevity of your equipment. Our team of experienced technicians provides expert maintenance, troubleshooting, and repair services tailored to meet the specific needs of your machinery.

We offer regular maintenance schedules, genuine spare parts, and software updates to keep your machines operating at peak efficiency. Our support services include on-site assistance, remote diagnostics, and operator training to maximize productivity and minimize downtime.

Additionally, we provide detailed technical documentation, including user manuals, maintenance guides, and parts catalogs, to help you understand and maintain your equipment effectively. Our commitment is to deliver reliable, timely, and professional support to help you achieve successful project outcomes.



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