



Road Construction Machinery with 800mm Drum Diameter 4m-20m/min Working Speed and 0-208mm Cutting Depth for Heavy Road Building

Basic Information



Product Specification

- Feature: High Drilling Efficiency
- Cutting Depth: 0-208mm
- Speed: 60-135 Rpm
- Working Width: 2 - 6 Meters
- Model: YM330/YM400/YM630
- Motor Power: 30kw
- Engine Type: Air-cooled 4-cycle Gasoline
- Laser Emission System: Topcon Japan/Leica Switzerland
- Highlight:
 - 800mm Drum Diameter Road Construction Machinery
 - 4m-20m/min Working Speed Heavy Road Building Equipment
 - 0-208mm Cutting Depth Civil Engineering Road

Product Description:

The Road Construction Machinery is a state-of-the-art piece of Civil Engineering Road Machinery designed to meet the rigorous demands of modern infrastructure development. Engineered with precision and durability, this equipment stands out as a vital asset in the category of Heavy Road Building Equipment, offering unparalleled performance and efficiency on construction sites.

One of the most notable features of this Road Construction Machinery is its high drilling efficiency. This attribute ensures that the machinery can perform tasks swiftly and accurately, significantly reducing the time required for road construction projects. High drilling efficiency translates to smoother operations and cost savings, making it an ideal choice for contractors and construction firms looking to optimize productivity without compromising on quality.

The machinery boasts a versatile working width ranging from 2 to 6 meters, allowing it to adapt to various road construction requirements. Whether working on narrow urban roads or expansive highway projects, this equipment provides the flexibility needed to handle diverse tasks efficiently. The adjustable working width also contributes to the machine's ability to cover large areas quickly, enhancing its overall productivity.

In terms of working speed, the Road Construction Machinery operates within a range of 4 meters to 20 meters per minute. This variable speed control empowers operators to tailor the machine's pace according to the specific demands of the project, whether it involves delicate precision work or rapid progress on straightforward sections. The adjustable working speed is a critical factor in ensuring optimal performance across different terrains and project scopes.

The cutting depth capability of this machinery spans from 0 to 208 millimeters, providing exceptional control over the depth of cuts during road construction. This feature is crucial for achieving the desired road profile and ensuring the structural integrity of the road surface. The depth adjustment is conveniently managed through handle rotation, offering operators an intuitive and straightforward method to set and modify cutting depths without the need for complex tools or procedures.

Designed with user convenience and operational efficiency in mind, the handle rotation mechanism for depth adjustment exemplifies the thoughtful engineering behind this Heavy Road Building Equipment. It allows for quick and precise modifications, enabling operators to respond swiftly to changing project requirements and maintain consistent quality throughout the construction process.

As a piece of Civil Engineering Road Machinery, this Road Construction Machinery is built to withstand the harsh conditions typically encountered in road building environments. Robust construction materials, coupled with advanced engineering techniques, ensure longevity and reliability even under continuous heavy-duty use. This durability reduces downtime and maintenance costs, further enhancing the machine's value proposition.

Moreover, the combination of high drilling efficiency, adjustable working width, variable working speed, and precise cutting depth control makes this machinery a comprehensive solution for a wide range of road construction applications. It is ideally suited for tasks such as road milling, surface preparation, trenching, and other essential operations in the construction and maintenance of roads.

In summary, the Road Construction Machinery represents a pinnacle in Heavy Road Building Equipment innovation. It integrates advanced features and adaptable specifications to meet the complex demands of modern road construction projects. For professionals in the civil engineering sector seeking reliable, efficient, and versatile machinery, this product offers an exceptional blend of performance, precision, and durability, making it an indispensable tool in the pursuit of superior road infrastructure development.

Features:

Product Name: Road Construction Machinery

Working Width: 2 - 6 Meters

Vibrating Frequency: 2800-5500 vpm

Motor Power: 30kw

Laser Emission System: Topcon Japan / Leica Switzerland

Engine Type: Air-cooled 4-cycle Gasoline

Ideal for Roadway Construction Heavy Equipment applications

Designed as Road Surface Preparation Equipment for efficient road building

Reliable performance in Roadway Construction Heavy Equipment operations

Technical Parameters:

Model	YM330/YM400/YM630
Automatic Grade	Semi-automatic
Feature	High Drilling Efficiency
Drum Diameter	800mm
Engine Type	Air-cooled 4-cycle Gasoline
Material	Steel And High-strength Alloys
Working Width	2 - 6 Meters
Speed	60-135 Rpm
Working Speed	4m-20m/min
Depth Adjustment	Handle Rotation

Applications:

The Road Construction Machinery equipped with an air-cooled 4-cycle gasoline engine is an essential asset for various motorized road repair tools and heavy road building equipment applications. Its semi-automatic operation ensures efficiency and ease of use, making it highly suitable for diverse construction scenarios. This machinery is widely utilized in highway construction machines where precision and reliability are paramount.

One of the primary application occasions for this road construction machinery is in highway maintenance and repair projects. The semi-automatic control system allows operators to perform accurate and consistent repairs on highways, enhancing the longevity and safety of road surfaces. The integrated laser emission system from Topcon Japan or Leica Switzerland ensures high precision in alignment and leveling tasks, which is critical for maintaining smooth and durable roadways.

In large-scale road building projects, this machinery plays a vital role in preparing and constructing new road infrastructure. Its rotary speed of 2100 RPM combined with a working speed range of 4m to 20m per minute enables efficient and effective material processing and surface finishing. This speed capability allows operators to manage both small-scale repairs and extensive road construction with the same equipment, reducing the need for multiple machines on site.

The heavy-duty nature of this equipment makes it ideal for use in rugged environments and challenging terrains commonly encountered in road construction. Its air-cooled 4-cycle gasoline engine ensures durability and consistent performance even under demanding conditions, making it a dependable choice for contractors and construction firms.

Furthermore, the advanced laser emission system incorporated into these highway construction machines aids in precise measurement and control during the construction process. This feature is particularly beneficial in projects that require meticulous grading and surface alignment, minimizing errors and improving overall project quality.

In summary, the road construction machinery with its semi-automatic operation, reliable air-cooled gasoline engine, and advanced laser technology is perfectly suited for a wide range of motorized road repair tools and heavy road building equipment applications. Its versatility and precision make it indispensable in highway construction machines, contributing significantly to the efficiency, safety, and quality of road infrastructure development.

Customization:

Our Road Construction Machinery offers customizable solutions to meet your specific project needs. With a rotary speed of 2100 Rpm and a working speed range of 4m-20m/min, this equipment ensures efficient and precise operation. The cutting depth can be adjusted from 0 to 208mm, allowing for versatile application in various roadway construction tasks. Featuring a semi-automatic grade, the YM330, YM400, and YM630 models provide a balance of automation and manual control, ideal for diverse job requirements. Designed as robust Roadway Construction Heavy Equipment, our Asphalt Paving Machinery delivers reliable performance and durability for all your asphalt paving projects.

Support and Services:

Our Road Construction Machinery product is backed by comprehensive technical support and services to ensure optimal performance and reliability. We offer expert consultation during the installation and commissioning phases to guarantee proper setup and operation. Our dedicated technical support team provides timely troubleshooting assistance and maintenance guidance to minimize downtime and extend the lifespan of your equipment. We supply genuine spare parts and accessories to maintain the highest standards of quality and safety.

Regular training sessions and workshops are available for operators and maintenance personnel to enhance their skills and knowledge, ensuring efficient and safe machinery handling.

Additionally, we offer customized service contracts tailored to your specific operational needs, including preventive maintenance, on-site repairs, and performance evaluations.

Our commitment is to deliver reliable support and services that maximize your investment and contribute to the successful completion of your road construction projects.



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