



Semi Automatic Asphalt Paving Machinery with Handle Rotation Depth Adjustment and 2-6 Meters Working Width for Precise Road Construction

Basic Information



Product Specification

- Cutting Depth: 0-208mm
- Model: YM330/YM400/YM630
- Material: Steel And High-strength Alloys
- Drum Diameter: 800mm
- Laser Emission System: Topcon Japan/Leica Switzerland
- Working Width: 2 - 6 Meters
- Speed: 60-135 Rpm
- Vibrating Frequency: 2800-5500vpn
- Highlight: **Handle Rotation Depth Adjustment Asphalt Paving Machinery**
,
Semi Automatic Grading Road Construction Machinery
,
2-6 Meters Working Width Road Surface

Our Product Introduction

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Product Description:

The Road Construction Machinery is an advanced piece of Heavy Road Building Equipment designed to meet the demanding needs of modern roadway construction projects. Engineered with precision and durability, this machinery excels in preparing road surfaces efficiently and effectively, making it an indispensable asset for contractors and construction companies involved in road surface preparation and repair.

One of the standout features of this Road Surface Preparation Equipment is its versatile working speed, which ranges from 4 meters to 20 meters per minute. This adjustable speed capability allows operators to tailor the machine's performance according to the specific requirements of the project, whether it involves delicate surface treatments or more intensive preparation tasks. This flexibility ensures that the machinery can handle a wide variety of road construction scenarios, improving overall productivity and reducing project timelines. Depth adjustment is a critical aspect of any road construction task, and this machinery incorporates a user-friendly handle rotation system that allows precise control over the cutting or milling depth. This feature enables operators to make quick and accurate adjustments on-site, ensuring that the road surface is prepared to the exact specifications required for subsequent layers or treatments. The handle rotation mechanism is designed for ease of use and durability, ensuring reliable performance even under tough working conditions. Incorporating semi-automatic grading capabilities, this Roadway Construction Heavy Equipment strikes a perfect balance between automation and manual control. The semi-automatic grade function facilitates consistent and uniform surface preparation, reducing the likelihood of errors that can occur with fully manual operations. This semi-automatic system enhances overall efficiency while still allowing skilled operators to maintain control over critical aspects of the work, leading to superior quality results.

Another key attribute of this machinery is its impressive working width, which ranges from 2 to 6 meters. This wide operational span allows it to cover large sections of road surface quickly, minimizing the number of passes required and significantly boosting worksite efficiency. The broad working width also makes the machinery suitable for a variety of road types, from narrow urban streets to wider highways, providing versatility across different construction environments.

High drilling efficiency is a hallmark of this Road Construction Machinery, ensuring that it can tackle tough substrates and challenging surface conditions with ease. The equipment's robust design and powerful components enable it to perform continuous drilling and milling operations without compromising speed or precision. This high efficiency not only accelerates the preparation process but also contributes to a smoother and more even road surface, which is essential for the longevity and safety of the finished roadway.

As a piece of Heavy Road Building Equipment, this machinery is built to withstand the rigors of demanding construction sites. Its durable construction and reliable components ensure long service life and minimal downtime, which are critical factors in large-scale infrastructure projects. The Road Construction Machinery is also designed with operator comfort and safety in mind, featuring ergonomic controls and robust safety mechanisms to protect workers during operation.

In summary, this Road Construction Machinery represents a powerful and versatile solution within the category of Road Surface Preparation Equipment and Roadway Construction Heavy Equipment. Its combination of adjustable working speed, precise depth adjustment via handle rotation, semi-automatic grading, wide working width, and high drilling efficiency make it an essential tool for efficient and high-quality road construction projects. Whether preparing surfaces for new roadways or rehabilitating existing infrastructure, this machinery delivers exceptional performance, helping construction teams meet project goals on time and within budget.

Features:

Product Name: Road Construction Machinery

Speed: 60-135 Rpm

Working Speed: 4m-20m/min

Vibrating Frequency: 2800-5500vpm

Drum Diameter: 800mm

Laser Emission System: Topcon Japan / Leica Switzerland

Designed for Heavy Road Building Equipment applications

Ideal for Civil Engineering Road Machinery projects

Efficient Roadway Construction Heavy Equipment for various terrains

Technical Parameters:

Feature	High Drilling Efficiency
Model	YM330/YM400/YM630
Working Speed	4m-20m/min
Speed	60-135 Rpm
Engine Type	Air-cooled 4-cycle Gasoline
Depth Adjustment	Handle Rotation
Material	Steel And High-strength Alloys
Motor Power	30kw
Drum Diameter	800mm
Vibrating Frequency	2800-5500vpm

Applications:

The Road Construction Machinery models YM330, YM400, and YM630 are essential assets in modern infrastructure projects, designed to meet the demanding requirements of motorized road repair tools. These machines are widely used in various road construction and maintenance occasions, offering exceptional performance through their high drilling efficiency. Whether working on small-scale urban road repairs or large highway construction projects, these models provide reliable and efficient solutions.

One of the primary application scenarios for the YM330, YM400, and YM630 machines is highway construction. These highway construction machines are engineered to handle the rigorous tasks involved in building and maintaining highways, including drilling, compacting, and stabilizing road surfaces. Their robust design, constructed from steel and high-strength alloys, ensures durability and longevity even under harsh working conditions. The machines' vibrating frequency range of 2800-5500 vibrations per minute (vpn) enables precise and effective compaction and drilling, essential for creating stable road foundations and repairing damaged sections quickly.

In motorized road repair tools applications, these road construction machines excel due to their adjustable speed settings, ranging from 60 to 135 revolutions per minute (Rpm). This versatility allows operators to tailor the machine's performance to the specific requirements of the job, whether it involves delicate repairs on city streets or heavy-duty tasks on highways. The high drilling efficiency feature significantly reduces the time needed to complete repairs, minimizing road closure times and improving traffic flow.

Furthermore, these highway construction machines are indispensable in scenarios such as emergency road repairs after natural disasters, routine maintenance of asphalt and concrete pavements, and new road construction projects. Their advanced engineering and powerful motorized operation make them suitable for use in both urban and rural environments, supporting a wide range of infrastructure development goals.

In summary, the YM330, YM400, and YM630 models stand out as versatile and powerful motorized road repair tools and highway construction machines. Their combination of high drilling efficiency, durable materials, and adaptable operational speeds make them ideal for a broad spectrum of road construction and repair occasions, contributing significantly to the advancement and maintenance of modern transportation networks.

Customization:

Our Road Construction Machinery offers exceptional customization services to meet the specific needs of your projects. Featuring high drilling efficiency, this machinery is designed to enhance productivity in Civil Engineering Road Machinery applications. With a rotary speed of 2100 Rpm, it ensures fast and precise operation, making it ideal for demanding roadway construction tasks.

Equipped with an air-cooled 4-cycle gasoline engine, the equipment delivers reliable performance and durability. Constructed from steel and high-strength alloys, this Roadway Construction Heavy Equipment guarantees long-lasting strength and resistance to wear in tough working environments.

The depth adjustment is easily controlled through handle rotation, allowing for accurate and flexible drilling depths suited to various civil engineering road machinery requirements. Trust our customizable solutions to optimize your road construction projects efficiently and effectively.

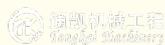
Support and Services:

Our Road Construction Machinery product line is supported by comprehensive technical support and services designed to ensure optimal performance and longevity of your equipment. We provide expert assistance in installation, operation, and maintenance to help you maximize productivity on the job site.

Our skilled technicians are available to offer troubleshooting guidance and resolve any technical issues promptly. We also offer regular maintenance services, including inspections, repairs, and replacement of worn parts, to keep your machinery running smoothly and safely.

In addition, we provide detailed user manuals and training programs tailored to equip your team with the necessary knowledge and skills for effective equipment handling and safety compliance.

For any technical inquiries or service requests, our dedicated support team is committed to delivering timely and efficient solutions to minimize downtime and enhance your operational efficiency.



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