

Long Grinding Length 4m length 600 dia M194

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Luyoung
- Certification: CE
- Model Number: M194
- Minimum Order Quantity: 1
- Price: USD70000-USD160000
- Packaging Details: non-fumigation wooden box
- Delivery Time: 45 working days
- Payment Terms: L/C, T/T
- Supply Ability: 30/SET



Product Specification

- Maximum Work Piece Diameter: 600mm
- Maximum Work Piece Length: 4000mm
- Grinding Diameter Max./min.: 600mm/40mm
- Maximum Work Piece Weight: 400kg
- Total Motor Power: 43.11KW
- Grinding Wheel Size: 750x100mm

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Product Description

parameter	
Maximum work piece diameter	600 mm
Maximum work piece length	4000 mm
Maximum work piece weight	4000 kg (with bracket)
Grinding diameter: max./min.	600mm /40mm
Processing accuracy:	
- Maximum deviation of cylindricity (800 mm length)	0.010 mm
- Maximum roundness deviation	0.003 mm
- Surface roughness Ra	0.3 0 microns
Worktable feed speed (step-less speed regulation)	0.05-3.7 m/min
Maximum rotation angle of upper workbench:	
- Clockwise	0.30° 6.0°
- Counterclockwise	
Total motor power	43.11 kW
Grinding wheel size	750x100 mm
Insertion cycle feed (measured in radius)	0.0025-0.03 mm
Vernier scale value	0.0025 mm
Grinding wheel drive motor power	30 kW
Work piece speed (step-less speed regulation)	5-80 rpm
Tailstock sleeve movement	100 mm
Machine weight	15 tons
Machine tool dimensions:	11000x1700x1750



Massive: "Massive" effectively conveys the sense of great size and capacity required for handling 4-meter workpieces and heavy loads. Alternatives like "Large" or "Big" are too generic.

Rigorous: "Rigorous" captures the meaning of being extremely sturdy, strict, and uncompromising in construction for stability. "Robust" or "Sturdy" are also good, but "Rigorous" emphasizes the demanding nature of the requirement.

Precise: "Precise" is the direct and universally understood term for high accuracy in machining. "Precision" (as a noun) could also start the point ("Precision:"), but "Precise" maintains the adjective pattern.

Smart: "Smart" is widely used in manufacturing contexts (Smart Factory, Smart Manufacturing) to indicate intelligence, advanced control, and automation capabilities inherent in modern CNC systems. "Intelligent" is also perfectly valid.



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