Heavy Duty Infinitely Variable Speed Universal Lathe Machine is Characterized by High Flexibility, Precision and Cost-effectiveness



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This kind of MM-Turnado 280/2000V high precision horizontal turning conventional lathes are equipped with stepless speed adjustment, allowing the speed to be optimally adjusted to the work-piece and the feed rate. They are also characterized by robust construction, powerful motor and versatility. For more than 25 years they have been among the tried and tested bestsellers of our conventional lathes. In combination with the 3-axis Digital Position Indicator and integrated function of the constant cutting speed, you achieve a superior surface quality when facing.

Main Feature :

Convincing Arguments: Quality, Efficiency and Price

- Infinitely Variable Speed Adjustable Rotation Range
- Maximum Swing Over Bed is 560 mm, Distance Between Centers is up-to 3000 mm
- This Universal Lathes are widely tested and proven and definite bestsellers and lasting high value
- Classic design with rigid construction is excellent built to last
- One-piece heavy-duty cast-iron bed for increased rigidity
- 3-axis position indicator with multiple turning functions is optional
- Hardened and ground Z-axis guide-way
- Guaranteed concentricity of the spindle nose less than 0.015 mm
- The large spindle capacity allows clamping of shafts and tubes with large diameters
- The high quality spindle support features optimum rigidity and preloading for high precision even under high radial and axial loads as well as long lasting performance
- 3-jaw lathe chuck with hard reversible jaws, 4-jaw independent chuck, and a face plate with large diameter are included in the machine's standard equipment
- User-friendly control panel at headstock facilitates rapid user familiarization and intuitive operation
- The feed gear offers a large number of thread leads for metric and With worth tapping
- Quick-change Tool Post is Optional
- Heavily ribbed machine bed, rigid headstock and a massive one-piece thick-walled cast-iron stand form a solid machine base for efficient and precisely machining
- Removable bridge allows machining of short work-pieces with very large diameters
- Wide V-block guide-ways are hardened and ground for lasting precision
- Powerful motor features a modern variable frequency drive
- All gears and shafts are hardened and ground and run in an enclosed oil bath
- Adjustable feed stoppers for longitudinal feed
- Certificate of Original (CO, FORM A, FORM E, FORM F)

Technical Data :

Product Name :	Infinitely Variable Speed Universal Lathe Machine
Product Item :	MM- Turnado 280V
Machine Data	
Maximum Swing Over Bed :	Ø 560 mm
Distance Between Centers :	1500 / 2000 / 300 mm
Turning Over Support :	Ø 355 mm
Turning Diameter in Bed Bridge :	Ø 785 mm
Center Height :	280 mm
Gap Bridge Length :	170 mm
Bed Width :	350 mm
Headstock	
Spindle Speed :	25 — 1600 RPM
Number of Steps :	Infinitely Variable Speed Adjustment
Spindle Bore :	Ø 80 mm
Spindle Taper :	MT 7
Spindle Mount :	Camlock D1-8
Travels	
Travel X-axis :	316 mm
Travel Z1-axis :	130 mm
Swing Range of Top Slide :	± 52°
Height of quadruple tool holder :	Max. 25 X 25 mm
Longitudinal Feed in Range :	0.059 — 1.646 mm/rev
Cross Feed in Range :	0.02 — 0.573 mm/rev
Pitch-Metric in Range :	0.2 — 14 mm
Pitch-Inch in Range :	2—112 TPI
Trapezoid thread in Range :	4 — 112 DP
Modular Thread in Range :	0.1 — 7 mm
Tailstock Taper :	MT 5
Tailstock Quill Stroke :	180 mm
Tailstock Quill Diameter :	Ø 75 mm
Drive Capacity	
Main Motor :	7500W
Connecting Voltage :	Three Phase 400V
Gross Weight :	2780 KGS (MM-Turnado 280/2000V)
Packing Size :	3350 X 1150 X 1480 mm (MM-Turnado 280/2000V)
Standard Accessory :	3-Jaw Chuck Ø 315 mm, 4-Jaw Chuck Ø 350 mm, Face Clamping disc Ø 450 mm, Machine Substructure, Coolant Equipment, Change Gears, Machine Lamp, Tools and Toolbox