High Precision Leading and Feed Spindle Lathe Machines, Mature Technology, Fully Equipped and Easy to Operate



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This kind of MM-TH4210D is Fully-equipped Universal Metal Turning Engine Lathe Machine which is been made in ISO9001 factory from MAXNOVO MACHINE with CE Safety Certification. Such high precision metalworking lathe machine complemented by extensive accessories and constant cutting speed.

Main Feature :

Facts that Impress in terms of Quality, Efficiency and Price

- Chassis and Solid Machine Bed by Single-Piece Cast Meehanite
- Guaranteed Concentricity of Spindle Nose better than 0.015 mm
- Powerful Main Motor ensures much more powerful machining
- Grey cast Iron Prism Bed with Strong Ribbing, Induction Tempered and Precision Ground
- Large spindle bearings and high-precision headstock ensure excellent concentricity
- Tempered and polished Z-axes guide-way
- Spindle collect Camlock DIN ISO 702-2 NO.6
- Precision Slide
- Hand wheels with adjustable fine scaling 0.04 / 0.02 mm
- Quadruple tool holder
- All guides adjustable using cleats
- Adjustment range top slide 90 degree
- Main Spindle Runs in Oil Bath
- Gearwheels smooth running, tempered and ground borne on 2 re-adjustable precision taper rollers
- Hand wheels decoupled and approved in line with EN 23125
- Switch with lifecycle calculation, approved in line with EN ISO 13849
- Central Lubrication in Bed Slide
- Left-handed / Right-handed rotation switchable on bed slide, switchable via switching spindle
- Emergency Stop Device with Foot Pedal
- Safety hand-wheels with release function in the X-axis and Z-axis
- Tailstock adjustable by 10 mm for turning spheres
- Coolant System featuring separate coolant tank
- LED machine lamp in chip guard
- The 2-axes Digital Position Indicator is Optional Special Spare Part
- Certificate of Original (CO, FORM A, FORM E, FORM F)

Technical Data :

Product Name :	High Precision Universal Metal Lathe Machine
Product Item :	MM-TH4210D
Machine Data	
Max. Swing over Bed :	Ø 410 mm
Distance between Centers :	1000 mm
Max. Swing over Cross Slide :	Ø 255 mm
Max. Swing in the Bed Bridge :	Ø 580 mm
Turning Length in Bed Bridge :	260 mm
Centre Height :	205 mm
Bed Width :	250 mm
Spindle	
Spindle Taper :	MT 6
Spindle Bore :	Ø 52 mm
Spindle Seat :	Camlock DIN ISO702-2 No.6
Speed Range	
Spindle Speed :	45 — 1800 RPM
Number of Steps :	16 Steps
Tailstock	
Tailstock Taper :	MT 4
Tailstock--Sleeve Diameter / Stroke :	Ø 50 mm / 120 mm
Travels	
Travel of Top slide :	140 mm
Travel of Cross slide :	230 mm
Feeds and Thread Pitches	
Longitudinal feed in range of :	0.05 — 1.7 mm/rev (17 feeds)
Transverse feed in range of :	0.025 — 0.85 mm/rev (17 feeds)
Pitch-Metric in range of :	0.2 — 14 mm / rev (39 thread pitches)
Pitch-Inch in range of :	2 — 72 TPI (45 thread pitches)
Diametric Pitch in range of :	8 — 44 DP (21 trapezoid thread)
Modular Threads in range of :	0.3 — 3.5 mm (18 modular thread)
Electrical Connection	
Main Motor :	3300W / 2200W
Connecting Voltage :	Three Phase 400V
Gross Weight :	1580 KGS
Packing Size :	2025 X 915 X 1615 mm
Standard Accessory :	3-Jaw Chuck, 4-Jaw Chuck, Face Clamping Disc, Foot Brake, Steady Rest, Follow Rest, Machine Lamp, Coolant Equipment, Change Gear Kit, Tools and Box

Machine Dimensions For MM-TH4210D





