

Hand Feed Model



200MH/6-12



■ Fine Verticalfeed/
Crossfeed Attachment (Std)



■ Operation Panel

■ Standard Accessories

- Wheel Adapter with Puller
- Jack Bolts & Base Plates
- Automatic Lubrication
- Oil Bath System
- Short Casting Head
- Metric Hand Tool
- Instruction Manual

■ Direct Drive Spindle

Removable Cartridge Type Heavy Duty, 2 sets of double row Angular Contact, Super Precision Ball Bearings
RPM 2900/3460rpm

■ Guide Ways

Removable D2 Hardened & Ground Steel Ways on Table, Carriage/Saddle & Column

■ Longitudinal Feed

Table moves on Linear Ball Bearings mounted (between) 3 Vee Ways & 1 Flat Way, driven by Cable System

■ Cross Feed

Carriage moves on double 90° Vee Ways
.1" (3mm) hand Wheel Revolution
.001" (0.02mm) per Hand Wheel Division.

■ Optional Accessories for 200,205 & 250 Series

- 2HP (1.5kw) Spindle Motor in place of 1-1/3HP (1.0kw)
- Digital Readout System
- Dust Collector System, Self Contained
- Fine .00005" (0.001mm) Crossfeed Attachment (200, 205)
- Fine .00005" (0.001mm) Crossfeed Attachment (250)
- Fine .00001" (0.001mm) Vertical Feed Attachment
- Magnetic Chucks, Permanent or Electro w/Variable Control Rectifier

■ Vertical Feed

Advantage of Anti-Friction hardened & Ground Steel ways and Automatic Lubrication afford ease of Vertical Movement
.05" (2mm) per Hand Wheel Revolution
.0001" (0.005mm) per Hand Wheel Division

■ Hand Wheel

Zero-setting Slip-Rings on both, with Verniers as Standard

■ Feature

Crossfeed Vernier: .0001"

■ Lubrication

Automatic Lubrication System allows adequate oil for all screws & bushings and guide ways includes Oil Bath System for Longitudinal Feed

■ Power

1-1/3HP(1.0kw) Dynamic Balanced Spindle Motor
208-220V/3P/60Hz (Other Voltage Available)

- Mitsui Universal Forming Dresser
- Over the Wheel Dresser Assy.
- P.G. Optidress Wheel Forming Dresser
- Power Elevation System
- Wet Grinding System
- Variable Spindle Speed Control
- Work Light, Mounted on Column

Hand Feed Model



205MH/6-18



250MH/8-18

Shown with Optional Accessories

Specification	200MH		205MH		250MH		
	Metric	Inch	Metric	Inch	Metric	Inch	
Capacity	Table Work Surface	160×350mm	6×13-1/2"	160×480mm	6×19"	200×480mm	8×19"
	Table Movement	200×380mm	8×15"	200×500mm	8×20"	250×500mm	10×20"
	Max. Height	450mm	18"	450mm	18"	500mm	20"
Table (L/F)	Movement per Rev. of Hand Wheel	100mm/rev.	4"/rev.	100mm/rev.	4"/rev.	88mm/rev.	3-1/2"/rev.
	Movement per Rev. of Hand Wheel	3mm	0.1"	3mm	0.1"	6mm	0.1"
Table (C/F)	Hand Wheel Graduation of Dial	0.02mm	0.001"	0.02mm	0.001"	0.02mm	0.001"
	Fine Feed Attachment (Option)	0.001mm	0.00005"	0.001mm	0.00005"	0.002mm	0.00005"
	Movement per Rev. of Hand Wheel	2mm	0.05"	2mm	0.05"	2mm	0.05"
Head	Hand Wheel Graduation of Dial	0.005mm	≠0.0001"	0.005mm	0.0001"	0.005mm	0.0001"
	Fine Feed Attachment (Option)	0.001mm	0.00001"	0.001mm	0.00001"	0.001mm	0.00001"
	Power Elevation Speed (Option)	440mm/min.	17-1/3"/min.	440mm/min.	17-1/3"/min.	440mm/min.	17-1/3"/min.
Wheel	Size	205×20×31.75mm	8"×3/4"×1-1/4"	205×20×31.75mm	8"×3/4"×1-1/4"	205×20×31.75mm	8"×3/4"×1-1/4"
	Spindle Speed (50/60Hz)	2900/3460rpm		2900/3460rpm		2900/3460rpm	
Motor	Spindle	1.0kw 2P V-3(1-1/3HP 2P V-3)					
	Power Elevation (Option)	60W 4P					
Power	Power Supply	3 Phase 200/220V					
	Permitted Fluctuation	±10%					
	Power Required	1.5KVA					
Floor Space	Width x Length x Height	1480×1180×1800mm	58×46×71"	1800×1180×1800mm	70×46×71"	1850×1310×1800mm	73×51×71"
Gross Weight		900kg	1980lbs	950kg	2090lbs	1100kg	2425lbs