



Features:

- Rapid Feed
- Clutch
- Large Spindle Bore
- Induction Hardened Bedways
- Digital Readout
- Quick Change Tool Post
- One Piece Cast Iron Base

Model	16 Series	18 Series	16 Series Variable Speed	18 Series Variable Speed
Centre Height	200mm	230mm	200mm	230mm
Swing over Bed	400mm	460mm	400mm	460mm
Distance between Centres	1000/1500mm	1000/1500/2000mm	1000/1500mm	1000/1500/2000mm
Swing over Cross Slide	250mm	290mm	250mm	290mm
Swing in Gap	640mm	700mm	640mm	700mm
Gap Length in front of Face Plate	200mm	200mm	200mm	200mm
Cross Slide Travel	280mm	280mm	280mm	280mm
Top Slide Travel	100mm	100mm	100mm	100mm
Bed				
Width	340mm	340mm	340mm	340mm
Max. Weight of Work Piece in Chuck	250kg	250kg	250kg	250kg
Max. Weight of Work Piece between centres	500kg	500kg	500kg	500kg
Headstock				
Spindle Nose	D1-8	D1-8	D1-8	D1-8
Spindle Bore	80mm	80mm	80mm	80mm
Spindle Taper	MT7	MT7	MT7	MT7
Number of Spindle Speeds	12 steps	12 steps	2 steps variable speed	2 steps variable speed
Range of Spindle Speeds	25-1800rpm	25-1800rpm	40-250 ~250-1800rpm	40-250 ~250-1800rpm
Tool Section	25 x 25mm	25 x 25mm	25 x 25mm	25 x 25mm
Tailstock				
Quill Diameter	75mm	75mm	75mm	75mm
Quill Travel	130mm	130mm	130mm	130mm
Quill Internal Taper	MT4	MT5	MT4	MT5
Feeds Range and Gearbox				
Longitudinal Feeds	0.041-2.476mm/rev	0.041-2.476mm/rev	0.041-2.476mm/rev	0.041-2.476mm/rev
Cross Feeds	0.016-0.991mm/rev	0.016-0.991mm/rev	0.016-0.991mm/rev	0.016-0.991mm/rev
Metric Threads	0.5-20mm (23steps)	0.5-20mm (23steps)	0.5-20mm (23steps)	0.5-20mm (23steps)
Imperial Threads	1.625-72tpi (65steps)	1.625-72tpi (65steps)	1.625-72tpi (65steps)	1.625-72tpi (65steps)
Module Threads	0.25-10mp (24steps)	0.25-10mp (24steps)	0.25-10mp (24steps)	0.25-10mp (24steps)
Diametrical Threads	3.625-96dp (45steps)	3.625-96dp (45steps)	3.625-96dp (45steps)	3.625-96dp (45steps)
Leadscrew Pitch	6mm	6mm	6mm	6mm
Rapid feed: Longitudinal/Cross	1.9.5m/min	1.9.5m/min	1.9.5m/min	1.9.5m/min
Motors				
Main Motor	5.63kW (7.5hp)	5.63kW (7.5hp)	5.63kW (7.5hp)	5.63kW (7.5hp)
Coolant Pump Motor	0.09kW (0.13hp)	0.09kW (0.13hp)	0.09kW (0.13hp)	0.09kW (0.13hp)
Rapid Feed Motor	0.37kW (0.5hp)	0.37kW (0.5hp)	0.37kW (0.5hp)	0.37kW (0.5hp)
Available Power Supply	3 Phase	3 Phase	3 Phase	3 Phase
Weight and Dimensions				
Machine Dimensions	2310/2810 x 1100 x 1275mm	2310/2810/3220 x 1000 x 1295mm	2310/2810 x 1100 x 1275mm	2310/2810/3220 x 1000 x 1295mm
Net Weight	2488kg	2688/2835/3055kg	2488kg	2688/2835/3055kg

Standard Accessories:

- 3 Jaw Chuck 250mm
- 4 Jaw Chuck 320mm
- Digital Read Out
- LED Machine Lamp
- One Piece Cast Iron Base
- Chuck Guard
- Toolpost Guard
- Leadscrew Guard
- Fixed Steady
- Traveling Steady
- Full Length Rear Splash Guard
- Coolant System
- Foot Brake
- Quick Change Tool Post with Tool Holders
- Thread Chasing Dial
- One Position Micrometer Bed Stop
- Automatic Carriage Stop
- Reducing Sleeve
- Steel Centre
- Tool Box
- Operation Manual

Optional Accessories:

- Soft Jaws
- Taper Turning Attachment
- Live Centre
- Indexable Lathe Tools
- Face Plate
- Drill Chuck and Arbor
- Machine Mounts
- 5C Collets and Chuck

* The above specifications are subject to change without prior notice, no liability for mistakes. Machines may be shown with optional equipment.