



HERCULES SUPER



Features:

- Bed-type universal milling machine with vertical and horizontal milling capability
- Two-section universal swivelling head with spindle adjustable to any angle
- Single-clamping machining of complex multi-angle, multi-face parts
- Double-row cylindrical roller bearing spindle for accuracy and heavy load capacity
- Multi-step geared speed regulation with arc gear transmission
- Power feed, rapid traverse and ball screws on all three axes
- Large table with generous travel, suited to heavy and oversized workpieces
- Automatic pump, splash and grease lubrication system

Standard Accessories:

- 3 Axis Digital Readout
- 3 Axis Power Feed
- LED Work Lamp
- Coolant System
- Table Guard
- Drawbar and Drawbar Wrench
- Chip Tray/Collector
- Automatic Lubrication System
- Toolbox
- Operation Manual

Optional Accessories:

- Automatic Lubrication System
- Semi Universal Dividing Head
- Fully Universal Dividing Head
- Rotary Table
- Machine Vice
- Clamp Kit
- Drill Chuck
- ER Milling Collet Chuck Set
- Boring Head
- Reducing Sleeve Set
- Combination Shell End Mill Arbors
- Long Milling Arbors
- End Mill Set
- Angle Plate
- Tilting Angle Table

Model	Hercules Super
Working Surface	2800 x 500mm
T-Slots (Qty/Width)	4/20mm
T-Slot Pitch (Centres)	100mm
X-Axis Travel (Manual)	2500mm
X-Axis Travel (Automatic)	2500mm
Y-Axis Travel (Manual)	1020mm
Y-Axis Travel (Automatic)	1020mm
Z-Axis Travel (Manual)	0-1090mm (Vertical Milling); 385-1540mm (High Horizontal); 0-1160mm (Low Horizontal)
Z-Axis Travel (Automatic)	0-1090mm (Vertical Milling); 385-1540mm (High Horizontal); 0-1160mm (Low Horizontal)
Load Capacity	5000kg
Table Swivel Range	N/A
Spindle	
Spindle Taper	7:24, ISO50
Speed Control	12-step
Speed Range	36-1340rpm
Spindle Centre to Column	900mm
Spindle Nose to Table	1090mm
Drawbar	M16
Head Swivel Range	360°
Feed Rates	
Number of Feeds	8-step
X-Axis (Longitudinal)	22.4-560mm/min
Y-Axis (Cross)	22.4-560mm/min
Z-Axis (Vertical)	11.2-280mm/min
X-Axis Rapid Traverse	1650mm/min
Y-Axis Rapid Traverse	1650mm/min
Z-Axis Rapid Traverse	825mm/min
Motor/Type	
Spindle Motor/Geared	11kW (14.74hp)
X, Y, Z Axis Feed Motor/Geared	2.2kW (2.95hp)
Coolant Motor	0.06kW (0.08hp)
Weight and Dimensions	
Machine Dimensions	3020 x 3000 x 3000mm
Net Weight	9000kg

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