



Astra Universal Milling Machine • Vanguard

- Gear Driven Power Feed Table
- Heavy Duty Compact Design
- One Shot Lubrication to Guideways
- Swivel Table
- 3 Axis Digital Readout

Standard Accessories:

- ✓ 3 Axis Digital Readout
- ✓ 3 Axis Power Feed
- ✓ Horizontal Arbor Support
- ✓ Work Lamp
- ✓ Coolant System
- ✓ Table Guard
- ✓ Manual & Parts List
- ✓ Toolbox
- ✓ Vertical Head

Optional Accessories:

- Standard Swivel Base Vice
- Super Open Milling Vice
- Clamp Kit
- Dividing Head
- Rotary Table
- Dividing Plates
- Drill Chuck
- 3 Jaw Chuck for Dividing Head
- Milling Collet Chuck Set
- Boring Head
- Drill Chuck
- Reducing sleeve Set
- Combination Shell End Mill Arbors
- Long Milling Arbors
- Angle Plate



Table	
Working Surface	1050x240mm
T-Slots, Number and Size	3x16mm
T-Slots Centres	56mm
Longitudinal Travel	560mm
Cross Travel	300mm
Vertical Travel	420mm
Load Capacity	300kg
Table Swivel Degree	45°
Spindle (Vertical)	
Spindle Taper	NT40 (ISO40)
Number of Speeds	6
Speed Range	108-1470rpm at 60hz
Spindle Centre to Column	230mm
Spindle to Table	0-410mm
Quill Travel	N/A
Drawbar	5/8" or M16
Milling and Drilling Capacity in Steel (S235JR) - Vertical	
End Milling Capacity	9mm
Vertical Milling Capacity (for face milling)	152mm for 1.5mm
Tapping Capacity	N/A
Drilling Capacity	14 mm
Spindle(Horizontal)	
Spindle Taper	NT40
Number of Speeds	6
Speed Range	90-1225rpm at 50Hz
Quill Travel	n/a
Spindle to Table	0-320mm
Spindle to Overarm	120mm
Drawbar	5/8" or M16

Milling and Drilling Capacity in Steel (S235JR) - Horizontal	
End Milling Capacity	9 mm
Horizontal Milling Capacity (FOR FACE MILLING)	152mm for 1.5mm
Tapping Capacity	n/a
Drilling Capacity	14mm
Feed Rates	
Number of Feeds	6 steps
Longitudinal	17-205rpm at 50hz
Cross	0-160rpm (by PF)
Vertical	0-160rpm (by PF)
Rapids Longitudinal	2056rpm at 60Hz
Rapid Cross	160rpm (by PF)
Rapid Vertical	160rpm (by PF)
Power	
Spindle Drive Motor	2.2kw (3hp)
Feed Motor	0.74kw (1hp)
Coolant Motor	0.09kw (1/8hp)
Weight and Dimensions	
Overall Dimensions	1400x1300x-1850mm
Net Weight	1200kg

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

