

**Product Name :**  
Astra Scientific Universal Milling Machine

**Product Code :**  
CNC-WORK-0004



**Description :**

Astra Scientific Universal Milling Machine

**Technical Specification :**

Universal milling machine includes a horizontal arbor for horizontal milling, slotting and keyway cutting. The machine is useful for mechanic workshops, production, training, single-part manufacturing and prototyping. Featuring both horizontal and vertical spindles, it is said to combine the flexibility of running a standard vertical mill with the performance required to accommodate various complex applications.

Other features include outboard support, a vibration-damping, cast iron construction, automatic and rapid feeds in all three axes as well as three-axis. The 2-hp machine provides a different table area for long travel distances along with a 45-degree vertical swivel head for additional flexibility.

Equipped with adjustable, ground dovetail guideways on the X axis and wide, square guideways on the Y and Z axes, the machine includes adjustable stops for drilling depth and table adjustments. Standard equipment includes a position indicator, a coolant system, a halogen work lamp, a 6" machine vise, operating tools and an operator manual

Surface of Table (MM)    800x175    900x200    1050x250    1200x275    1300x300

No. of T-Slots	3	3	3	3	3
Size of T-Slots	½"	½"	½"	½"	½"
Swivel either Side of Table	45	45	45	45	45
Cross Traverse (MM)	150	150	175	200	250
Vertical Traverse (MM)	400	400	450	500	625
Longitudinal Traverse (MM)	475	475	525	625	675
Arbour Diameter (MM)	25.4	25.4	25.4	25.4	25.4
Taper of Spindle	ISO 40	ISO 40	ISO 40	ISO 40	ISO 40
No. of Spindle Speed	6	6	9	9	9
Range of Spindle Speed (RPM)	40 - 700	40 - 700	40 - 700	40 - 700	40 - 700
Spindle Diameter (MM)	50	70	80	80	90
No of Feed in Longitudinal Table Long.	2	2	2	3	3
Main Motor Power (HP)	1	1.5	2	2	2
Weight (Kgs.)	450	700	900	1300	1900



## Astra Scientific

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