

**Product Name :**  
Astra Scientific Pipe Threading Machine

**Product Code :**  
CNCWORK0017



**Description :**

Astra Scientific Pipe Threading Machine

**Technical Specification :**

Thread rolling is a chip less cold forming process. A plain cylindrical blank, with a diameter part way between the major and minor diameters of the finished thread, is rotated and squeezed between cylindrical type hardened steel dies whose working surface are the reverse of the thread form to be produced. The threads of the die penetrate the surface of the blank as it rolls between them, displacing material to form the roots of the threads, and forcing the displaced material readily outward to form the crests. Unlike other threading process, no material is wasted.

- Compact design
- Fabricated steel frame
- Versatile for all type of works
- Manual & Automatic cycles
- Range of cycle times
- Extended universal joint provides smooth operation for bib angle of work piece.

- Over sized coolant tank for superior cooling effects.
- Low pressure hydraulic power pack to ensure to low heat & minimum maintenance.
- “T” type and accurately ground slide assures that jumping and vibration will not happen during rolling.
- Centralized lubrication of all important moving parts.

Work Piece (in Feed) 3-24 mm 3-50 mm 10-80 mm

Max. Pitch of Thread (Standard V Thread) 3 mm 5 mm 10 mm

Max. Serrations Pitch 1.0 mm 1.6 mm 3 mm

Max. Die. Width 80 mm 150 mm 200 mm

Max. Through Feed Thread Length 6 meter 6 meter 6 meter

Max. Rolling Force (infinitely adjustable) 6 tons 16/20 tons 30 tons

Spindle Axis Swivel for through Feed 50 50 120

Roll Spindle 40 mm 4 mm 69.85 mm

Max. Rolling Die 120 mm 180 mm 220 mm

Roll Spindle Speed (RPM) 60/90 20/40/60 16/22/34/73/110/150

Main Motor (H.P.) 3 5/7.5 15

Hydraulic Power Pack Motor (H.P.) 1 2/3 3

Coolant Pump 1/8 H.P. 1/8 H.P. 1/2 H.P.

Electrical Connection 415 V. 50 Hz, 3 Phase 415 V. 50 Hz, 3 Phase 415 V. 50 Hz, 3 Phase

Appx. Weight 1000 Kg. 2200 Kg. 3500 Kg.



## Astra Scientific

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