

Product Name :
Astra Scientific Miniature CNC Lathe Machine

Product Code :
CNC-WORK-0005



Description :

Astra Scientific Miniature CNC Lathe Machine

Technical Specification :

Small accurate lathe. It is suitable for massive production of meter, high accurate electric device & munitions.

High accurate bearing provide high accuracy and high speed for the spindle unit. Ball screw highly increase the accuracy and durability.

Integral protection design highly increase the speed of each axis and cleanness of guide way. (Optional Features: Collect, 3 Jaws Chuck Manual, Hydraulic Hollow Chuck)

With part Square Guide Way, Hydraulic Chuck, Manual Tail Stock, Four Station Electric Tool Post, Automatic Lubrication.

Maximum Swing Over Bed \varnothing 275mm

Maximum Swing Over Solid \varnothing 200mm

Maximum Swing Over Solid \varnothing 125mm

Maximum Machining Length with Hydraulic Chuck 270mm

Maximum Machining Length with Collect (Optional) 360mm

Collect Size (Optional) Ø 44mm

Spindle Taper Hole Ø 48mm

Max. Diameter of Bar with Manual Chuck Ø 37mm

Max. Diameter of Bar with Hyd. Hollow Chuck Ø 27mm

Max. Diameter of Bar with Hyd. Solid Chuck None

Spindle Type A2-5

Spindle Speed Range 50-3000rpm

Spindle Shift Mode Inverter

Main Moto Power 4 Kw

Chunk Type Hydraulic Solid (AUTOGRIP-Taiwan)

Chunk Size 160mm

Rapid Traverse Speed on X Axis 8m/min

Rapid Traverse Speed on Z Axis 10m/min

Servo Motor Torque on X Axis 4Nm

Servo Motor Torque on Z Axis 6Nm

X Axis Travel 280mm

Z Axis Travel 390mm

Guide Way Type Hardened Box Guide Way

Turret Type 4 Station Electric Tool Post + 2 Slot Gang Tool Holder

Turret Change Time 9071.2-18072.0 - 27072.8 Sec

Turning Tool / Boring Bar Size 20 x 20mm / Ø20mm

Tail stock Type Manual Tail Stock

Tail stock Sleeve Diameter/Travel 054/150mm

Tail Stock Sleeve Taper MT4

Weight 1200KG

Dimension (L*W*H) 1560*1130*1550mm



Astra Scientific

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