

Product Name :
Astra Scientific CNC Milling Machine

Product Code :
CNC-WORK-0002



Description :

Astra Scientific CNC Milling Machine

Technical Specification :

It is easy to accommodate this equipment in moderate workshops and stays a very good investment for small scale metal industries.

Suitable for applying in variety of industrial machining processes.

Perfect workshop tool for engineering industry.

Lots of metal cutting works can be tried out using this equipment.

It serves the purpose of transforming metal work materials into different shapes over pre-determined dimensions

All main components, bed, headstock, saddle, plinth, etc., are high quality solid castings.

Precision ball screws and highly rigid precision bearing ensure accurate positioning and heavy cutting capability.

Centralized oil system provides forced automatic lubrication onto ball screws and all mating surface.

Table Size 900 x 400mm

T-slot-dimension 3 x 14 x 130mm

Distance from Floor to Table 840mm

Max. load on table 400kg

Capacity

X/Y/Z Axis Travel 650 x 400 x 500mm

Dist. from Spindle Axis to Column Guide Way 510mm

Dist. from Spindle Face to table top 120 - 620mm

Guide Way LM Guide Way - 25mm

Ball Screw Size & Pitch Ø 32 Pitch:12mm

Spindle

Spindle Speed 40-8000 rpm

Spindle Power 5.5 / 7.5kw

Front Bearing Bore Ø 60/95mm

Spindle Nose BT40

Accuracy

Positioning Uncertainty ± 0.005/300mm(JIS)

Repeat Positioning Accuracy ± 0.005/300mm(JIS)

Feed

Rapid Traverse (X, Y & Z) 30/30/24mm/min.

Cutting Feed 2-10000mm/min

ATC

ATC Type Disc

Number of Tools 16

Tool Dia. Max. Ø 120mm

Tool Weight Max. 8 Kg.

Tool Length Max. 350mm

Min. Time of Tool Change 7 sec

Dimensions

Weight (Approx.) 3300 kg

Dimension (Approx.) (LxWxH) 2150 X 2100 X 2450mm



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