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"SUPER" CNC TRAINER LATHE (PRODUCTION TYPE)



FEATURES:

- CNC Slant Bed Bench Turning Centre
- 8 Station Indexing Tool Post
- SIEMENS 802D SOLUTION LINE control / FANUC Oi Mate Programming and Industrial type Control Panel with 10" colour monitor with closed loop servo motor control with further option of linking to CAD/CAM and FMS (Flexible Manufacturing System).

SPECIFICATION

MODEL

SUPER- TL

CNC

SIEMENS 802D SL / FANUC Oi MATE

CAPACITY:

Design: Slant Bed	45 degree
Swing over Bed	275 mm
Swing over Cross slide	80 mm
Swing over way Covers	240 mm
Maximum turning Diameter	80mm
Maximum turning Length	180 mm

AXIS

Cross Travel (X-axis)	95mm(190mm in dia)
Longitudinal Travel (Z-axis)	210 mm
Distance between centers	320 mm
Axis Motor (Z and X axis Motors)	AC SERVO
Axis Motor power	0.75kw(3 NM)
Resolution	0.001 mm
Guide ways	LM Guides
Positioning Accuracy	0.010
Repeatability	-0.005 mm

TURRET:

Turret Programmable (Unidirectional)	8 Station
Boring bar	16mm

SPINDLE

Spindle Nose Taper	A 2/3
Spindle Bore	20 mm / MT3
Spindle height from floor	1100 mm
Programmable Spindle speed	150-4000 R.P.M
Spindle Motor Capacity	5 (3.73 KW)
Chuck size	100 mm
Spindle Motor	AC servo

TAILSTOCK:

Tailstock Travel	170mm
Tailstock Quill Stroke	30mm
Quill Diameter	35mm
Tailstock taper	MT-2

AXIS TRAVERSE RATE:

Rapid Traverse Rate(X/Y axis in m/min)	5 m/min
Programmable Feed Rate	0-5000 mm/min
Main Supply	415V ±2% 50 cyc & 10AMP,3PH
Bed	Casting
Coolant Tank	60 Lts.
Lubrication	Central lubrication
Ball Screw dia & pitch	16 & 5

STANDARD ACCESSORIES:

SIEMENS 802D SOLUTION LINE CNC CONTROLLER / FANUC OiMATE

TOOLING:

- SET OF 5 EXTERNAL TURNING CARBIDE TOOL HOLDERS WITH INSERTS
 - TURNING & FACING, 3 NOS COPY TURNING HOLDER LH, RH, N.
 - THREADING TOOL HOLDER
- SET OF 3 INTERNAL BORING CARBIDE TOOL HOLDERS WITH INSERTS (2 BORING BAR'S + INTERNAL THREADING)
 - CENTRE DRILL DIA SHANK DIA 8MM
 - TWIST DRILL DIA 6,8,10 & 12MM

MACHINE ACCESSORIES:

- VOLTAGE STABILIZER
- AC UNIT FOR ELECTRIC CABINET