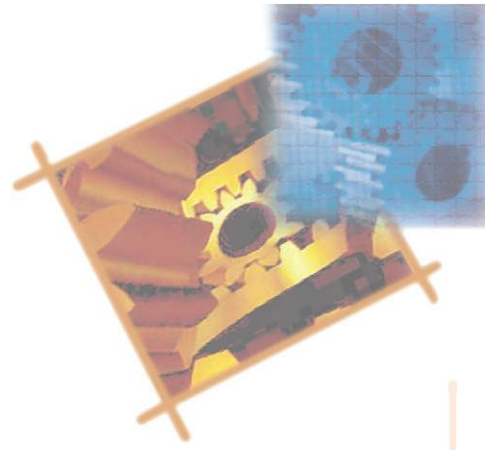


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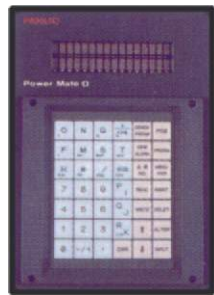
CL - 150

High- Precision CNC Chucking Lathe



Salient Features

- Flat bed CNC CHUCKER is Specially Designed for FORGE to FINISH OPERATIONS in mass-produced small and medium size components like Gear Blanks, Flanges, Bearing Races and Various Automobile Components.
- Eight position Heavy Duty Tool Turret for smaller initial setting time.
- X and Z - axes use square guide ways, which are hardened, and ground with turcite coated.
- Rapid traverse rate of 10 meters per minute for both axes.



with Fanuc Power-Mate



with Siemens 802-D



with Fanuc Oi-TA Control



IDEAL FOR A WIDE VARIETY OF PRECISION TURNING APPLICATION

Specifications

Capacity

Swing over bed	: 400 mm
Swing over saddle	: 400 mm
Swing over cross slide	: 160 mm
Maximum turning diameter	: 150 mm

Spindle

Spindle nose	: A2-6
Spindle taper	: MT-6
Hole through spindle	: 38 mm
Bar diameter	: 30 mm
Spindle bearings	: Four angular contact RHP Spindle bearings Set of two on front (7218) and Set of two on rear (7214)
Spindle lubrication	: Greece packed for life

Spindle Drive

Spindle Motor & Drive	: FANUC Alpha C-6 (5.5 / 7.5 kw) (only with Fancu - Oi -TA Control) : OR Siemens 5.5 / 7.5 kw AC motor (only with Siemens 802-D Control) : OR 5.5 kw High-speed induction motor with Toshiba VFS-9 AC Drive (Only with Fancu Power-mate Control) : OR with Siemens 802-D Control
Spindle Speed	: 30-3000 rpm

Bed

Slant Angle	: Flat Bed
Bed Width	: 300 mm
Guide Ways	: Square guideways - Hardened & Ground
Slides	: Turcite Coated

Slides

X axis travel	: 300 mm (radial)
Z axis travel	: 350 mm (from spindle face)
X axis ball screw	: Dia. 32 mm, Pitch 10 mm (THK / HIWIN) C-3 Class
Z axis ball screw	: Dia. 32 mm, Pitch 10 mm (THK / HIWIN) C-3 Class
X axis motor	: AC Servo 6 Nm
Z axis motor	: AC Servo 6 Nm

CNC System

	: FANUC Oi-TA OR FANUC POWER - MATE OR Siemens 802-D OR as per customers requirement
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Rapid Traverse	: 10 M / min. for both axes
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Tooling Arrangement	: Bi -directional BTP - 80-8 position Tool Turret OR Linear / Gang Type
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Standard Shank Size	: 25 mm x 25 mm
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Recommended Chuck Size	: 200 mm dia. Power chuck with Hyd-cylinder (close type or hollow type) along with suitable Hydraulic Power-pack OR collet chuck as per customers requirement
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Overall Dimensions

Length	: 1100 mm + 1050 mm (approx.)
Width	: 1500 mm (approx.)
Height	: 1600 mm (approx.)
Gross Weight	: 2650 Kg (approx.)

Specifications are subject to change without prior notice.

Standard Accessories

- ▶ Coolant system
- ▶ Centralized lubrication system
- ▶ Air to Air heat exchanger
- ▶ Machine lamp
- ▶ Chip Conveyor
- ▶ Fully enclosed chip-guard
- ▶ Operation & maintenance manual (1 set)

Optional Accessories

- ▶ BTP 80-Tool Turret with its accessories
- ▶ Power operated chuck, cylinder and suitable power pack
- ▶ Electronic hand wheel
- ▶ Cabinet air conditioning unit
- ▶ 3 Phase voltage stabilizer



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