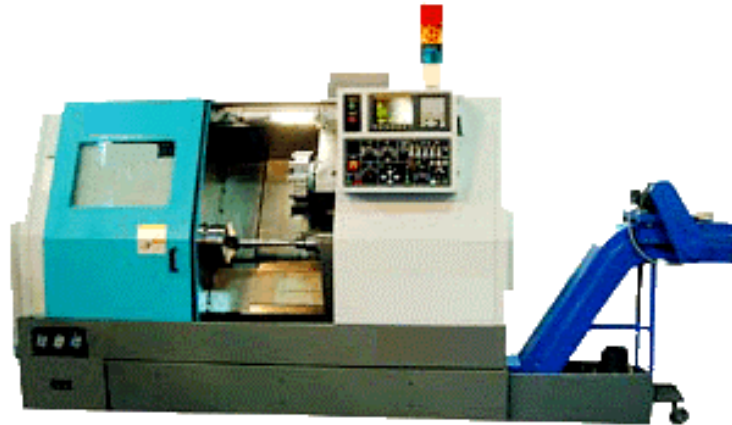


POLYTOP

Exporter from china

PTDL230 CNC Lathe



SPINDLE

The front and back of the spindle adopts the original Japanese NSK high precise slant-angled ball bearings. To it proper retightening force is given, matching with the optimum skip distance and the box-type spindle box. Thus the spindle has high rigidity and is capable to operate at high speed.

TAILSTOCK

The rotary arbor-type tailstock with high speed and high precision guarantees the turning centering. The arbor bearings are all imported from NSK in Japan. The sleeve can be expanded and contracted by program control. The tailstock can be wholly moved by the saddle pulling.

60° SLANT BED

The bed and the base are block mold. 60 slant bed ways can bear larger load area. It has better rigidity and absorption of vibration. It can keep the high precise turning and excellent precision.

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Main characteristics:

- DL-20 CNC Lathe is our latest production, with is 2-axis parallel, half-closed loop NC lathe. The NC system is FANUC 0i-TA. It is driven by AC servo motor. It is ideal for turning of various shafts (within 260mm) and discs (widthin 380mm)
- Precise, rapid, longitudinal and transversal driven: The machine adopts the THK ball screw and plastic skin guideway which are efficient, precise and good axial rigidity. It eliminates the clearance of return stroke and makes the tool carriage move rapidly and steadily. It also has high positioning accuracy.
- Independent chip convey and cooling systems.
- Solid Spindle supported by Hi-speed angular bearings make an ideal design for heavy duty high speed turning. The powerful spindle motor can perform full-power cutting from medium to high speed at top speed of 3500 RPM. High speed cutting can be performed with the newest technology tooling such as ceramic or cermets®

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Specifications	PTDL-230
Max.swing over bed	460 mm
Max. length of workpiece	540 mm
Max. dia of workpiece	260/380 mm
Travel in X/Z-axis	220/540 mm
Working feed in X/Z-axis	0.01-9000/0.01-12000 mm/min
Rapid feed in X/Z-axis	12000/16000 mm/min
Spindle speed	4000 r/min
Spindle taper bore	Metric80
Dia. of spindle through hole	70 mm
Main motor power	11/15 kw
Number of turret stations	12
Time of tool change	0.3 s
Mode for tool selection	optional
Max. storke of tailstock sleeve	100 mm
Tailstock taper bore	Morse No.4
Inclining angle of bed guideway to horizontal	60jã
Guideway of saddle slide	Plastic guideway plate
CNC control system	FANUC 0i-TA
Machine spindle motor	œP22
Dimension of main machine (Without chip conveyor L x W x H)	2800x1420x2000 mm
Overall dimension of machine (With chip conveyor L x W x H)	3050x1560x1940 mm
Net weight of machine/gross weight of machine	4000/4500
ii	ii

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