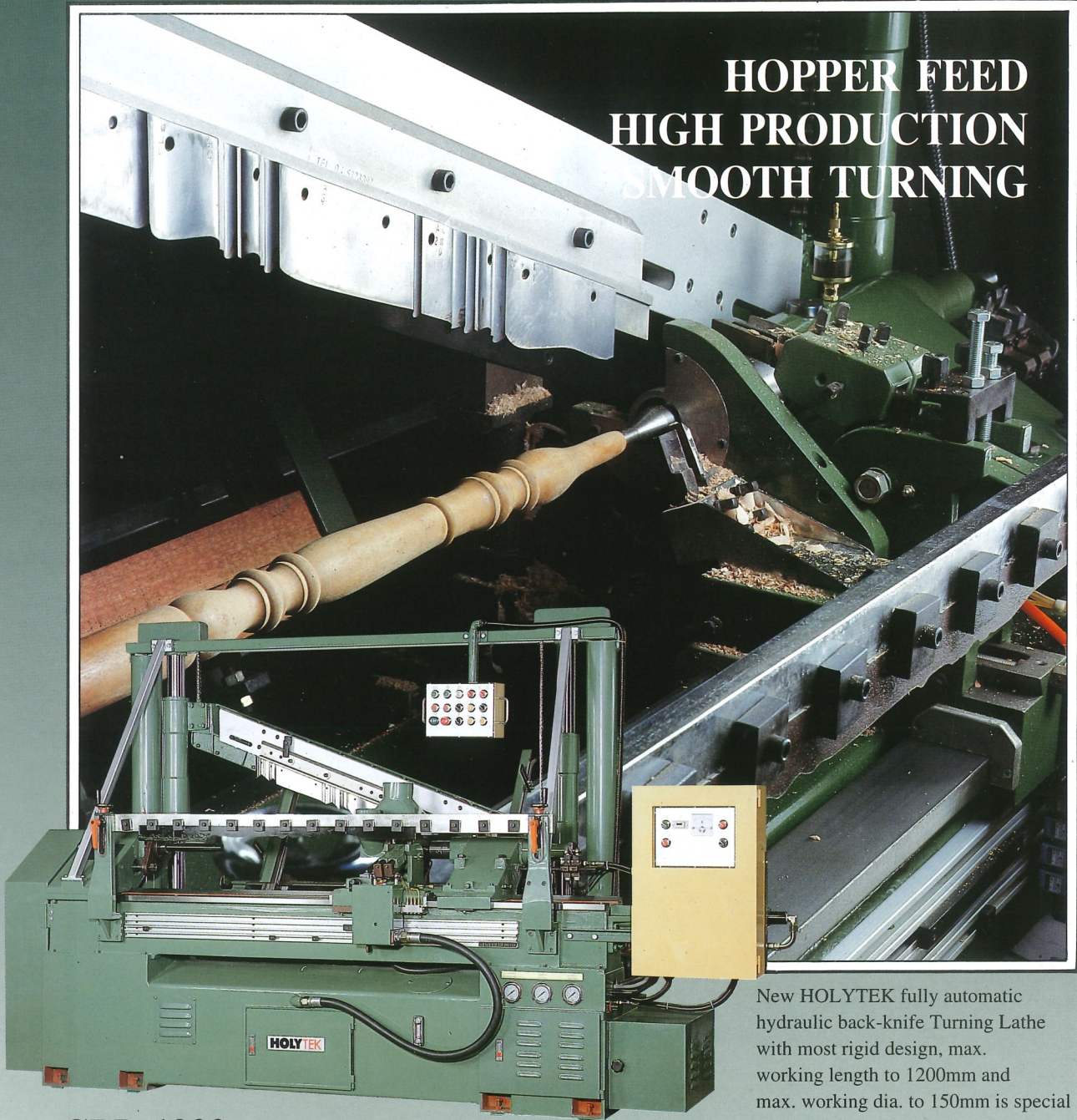


AUTO. HYDRAULIC BACK KNIFE Turning Lathe

HOPPER FEED
HIGH PRODUCTION
SMOOTH TURNING



CBL-1200

New HOLYTEK fully automatic hydraulic back-knife Turning Lathe with most rigid design, max. working length to 1200mm and max. working dia. to 150mm is special for high production but is easy adjustable and set-up.

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CBL-1200

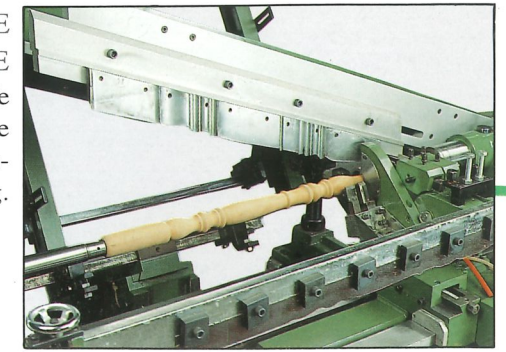
DESIGN FEATURES

- Very fast production rate, almost 420 pcs per hour for some turnings.
- Automatic lubrication to carriage, stock pusher slide way, fixing collar, and back knife downfeed slide way are for long using without problem.
- Heavy duty design construction can easily produce high quality, smooth, large dia. turnings as well as intricate, slender turnings.
- Head spindle bearings are oil bath lubricated to eliminate overheating of head spindle.
- Wide bed construction provides maximum stability, the cast iron (FC-25) bed slide is heat treatment hardened and precise grinding.
- Specially design for single side workpiece handling-the workpiece loading and product falling on the same side can save half handling time.
- 7 1/2HP spindle drive motor (optional: 10HP), 3HP hydraulic pump motor guarantee powerful and smooth turning effect.
- Very sensitive copying mechanism with pneumatic drive pattern cutting knife is ideal for various sizes of workpiece.
- Built with fan blowing device is for cooling down the electric control system and prevents oil tank overheating.
- Very rugged, precise, chrome hardened column is for back knife and supports smooth downfeed, the bronze brushing may be lubricated.

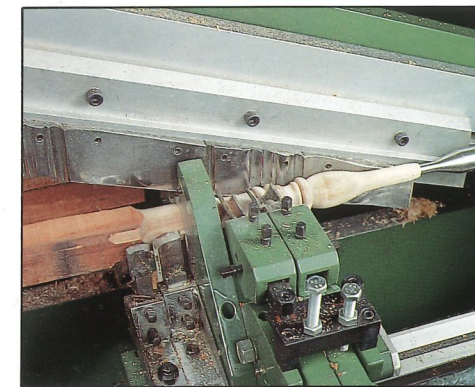


OPTIMUM BACK KNIFE CUTTING ANGLE

- Back knife is fitted to the knife bar, which is designed for the optimum cutting angle 20° degree for finishing the turning.



Auto hydraulic back knife turning lathe



VARIABLE SPEED CARRIAGE FEED

- Carriage is fitted with two V knives to shape the turning, and two gouge knives for cutting the size of stock.
- Carriage speed is automatically varied to suit for turning section.
- Fixing collar is forced lubricated.



AUTO FEEDING MECHANISM

- A clutch brake immediately shuts off center running to a complete stop while clamping workpiece or releasing product, that avoids dangerous fly-out of workpiece.
- Hydraulic pusher feeds one stock to the centering device after each turning is accomplished, thus it enables the machine to be fully automatic operation.

STANDARD EQUIPMENT:

- STOCK FIXING COLLAR: 2 pcs
- CENTER: One set (2 pcs)
- TEMPLATE: One pc
- V-KNIFE: One set (2 pcs)
- GOUGE KNIFE: One set (2 pcs)

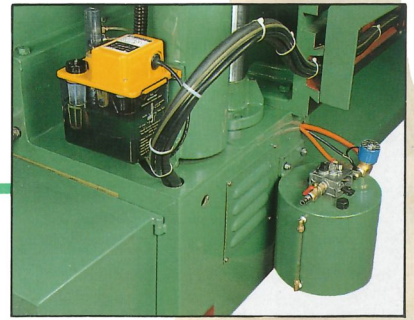
SPECIFICATION

MODEL	CBL-1200	CBL-750
Turning length	100~1200mm	100~750mm
Turning diameter	Ø12~Ø150mm	Ø12~Ø100mm
Spindle speeds (3 speeds)	1300, 2500, 3500 RPM	
Carriage feed speed	Variable speed	
Head spindle motor	7.5HP (max. turning dia. Ø100mm) 10HP (max. turning dia. Ø150mm)	7.5HP (max. turning dia. Ø100mm)
Hydraulic pump motor	3 HP	3 HP
Dust chute outlet diameter	5", 4" each one PC	
Net weight	2180 kgs	1800 kgs
Gross weight	2800 kgs	2050 kgs
Machine size	3500x1620x2020mm	2800x1620x1850mm
Packing size	3600x1750x2250mm	2900x1750x2050mm

All specifications, dimensions and design characteristics shown in this catalogue are subject to change without notice.

CBL-750

Being designed with a high production capability for the turning of various profiles, which is capable of handling turning length to 750 mm and diameter to 100 mm, and with powerful 7.5 HP magnetic brake motor. All special features are the same as CBL-1200 but with economical cost. Well design of Japan THK ball screw bearing slide is for supporting the back knife unit.



AUTOMATIC LUBRICATION SYSTEM

□ For machine bed slide, stock pusher slide way, back-knife downfeed slide and knife support slide lubricated automatically.

COLLAR LUBRICATION TANK

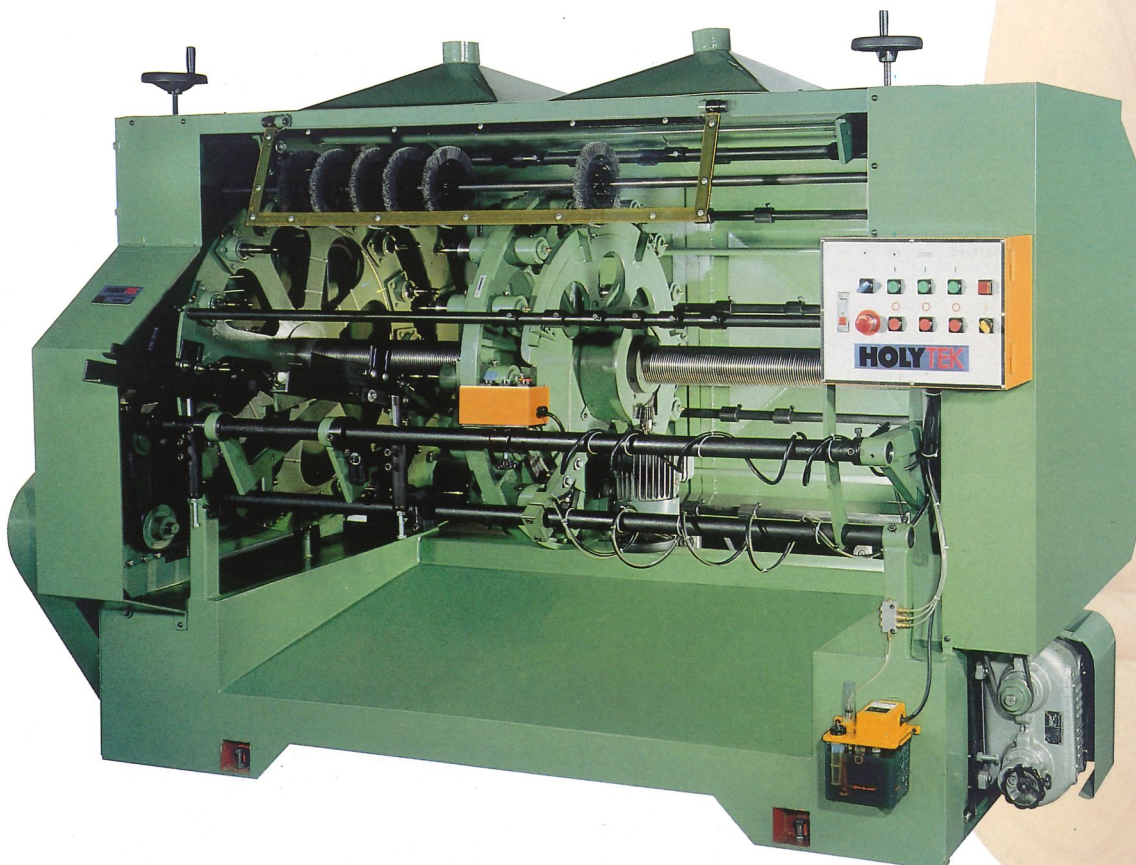
□ The collar lubricated automatically is for wood smooth turning and heating lowering down. The tank oil is also for copy mechanism using.



Advanced engineering
design, coupled with
an outstanding turning
sander technology.

CS-1200

For high-production sanding the turnings, the HOLYTEK CS-1200 has the capability to handle a wide range of turning profiles with ease. This 16-spindle-constructed turning sander is designed and engineered for sanding the turnings dia. from 10 to 100mm and the length from 20 to 1200mm. Reduce your sanding cost, yet upgrade your sanding quality, the HOLYTEK CS-1200 is the solution.



AUTO. TURNING SANDER



TYPICAL APPLICATIONS

DESIGN FEATURE:

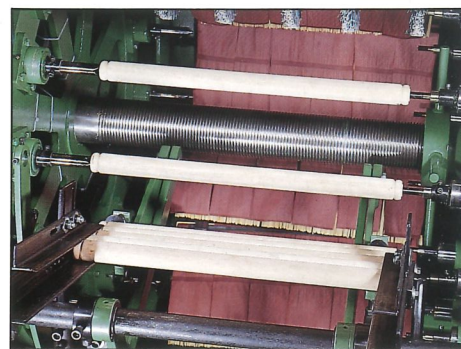
- High production rate 12~30 turnings per minute.
- Exclusive mechanical clamping system design of CS-1200, this gives an extremely secure clamping effect. There's no sensing failure problem so often found on traditional air-operated clamps.
- The machine comes completely with an additional centering rest for big workpieces and it also gives a precise, accurate line-up with the centers of the sander spindles.
- An oscillating sanding paper function creates an extremely fine finish.

- The machine is built with Three variable speed devices, permitting variable speed adjustments for (1) drum speed (2) sanding paper oscillation speed, and (3) spindle running speed.
- The sanding mechanism consists of 6 sanding papers, all designs are to be alternated for a superior sanding finish. There's one rack of 6 pcs of wire on a brush wheel (position adjustable), and another rack of bamboo-backed sanding paper (also with position adjustable.)

SPECIFICATION

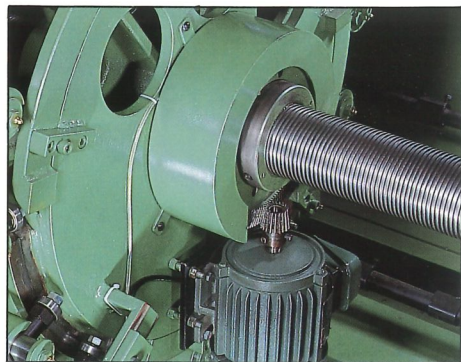
MODEL	CS-1200
Working diameter	10~100mm
Working length	20~1200mm
Production rate	12~30 pcs/per minute
Rack no. of wire brush wheel	1 rack
Rack no. of bamboo backed abrasive paper	6 racks
Spindle speed	1200~4500 rpm (variable speed)
Revolving drum motor	1 HP
Bamboo brush oscillating motor	1 HP
Spindle drive motor	5 HP
Drum slide motor	1/2 HP (6P)
Wire brush wheel motor	1/2 HP
N. W./ G.W.	1650 kgs/2000 kgs
Machine size	2720x1850x1980 mm
Packing size	3020x1960x2250 mm

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AUTO. FEED LOADER

The automatic sanding of several turnings is performed simultaneously with only a simple loading which should be made by operator. The turning rest feeds the turning to the centers for sanding operations.



POWERED REVOLVING-DRUM TRAVERSE

The revolving drum is driven by 1/2HP motor. which provides a convenient and fast length adjustment to suit various lengths of material.

HOLYTEK

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