

Hydraulic Copy Lathe & Turning Groove Forming Machine



HOLYTEK now offers all-new great machines: a Hydraulic Copy Lathe and all kinds of Drilling & Round Head Forming, Tapping & Screwing, Wooden Screwing, etc., Machine and a high performance Auto & Manual Turning Groove Forming Machine with economically sound functions available.

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Hydraulic Copy Lathe

CL-1500B



- This model is a unique turning tool copy lathe. Its distinguishing feature is that it doesn't need to have a molding tool produced in advance, but rather just provide the wood article or copy shape sheet and cutter, and then reap the finished products, saving on time and costs by eliminating the need for tool production.
- It is suitable for various items in small quantities, or large quantity woodworking processing that requires changing the shape of the article at any time.
- The machine peels with linear slide tracks and is installed with an electric force auto grease system to enhance the machine's capacity and life.
- Peeling operation is performed with electric PLC and hydraulic tower controller. It could enhance the machine's flexibility and stability while in operation.
- The machine employs a dust-proof electrical system. The hopper feeder is hydraulic operated, while the tailstock center is hydraulically operated to clamp the workpiece.
- A guide ring supports the workpiece firmly while cutting to ensure the maximum stability and accuracy of operation.
- Equipped with three sets of cutters for cutting any complicated profile, a half round cutter & "U" type cutters for rough cutting, and there is a "V" type cutter for finish cutting.
- Equipped with two sets of right-angle cutter rests w/ hydraulic auto control.
- Precision ball screw system for transmitting replacements of hydraulic cylinder.

SPECIFICATIONS

MODEL	CL-1500B
Max. working diameter	Ø20mm - 150mm
Max. working length	100mm - 1500mm
Spindle motor	7 1/2HP
Pump motor	3 HP
Spindle speed	1500/2500/3500 rpm
Packing size	345x135x195 cm
N.W./G.W.	1600/1800 kgs

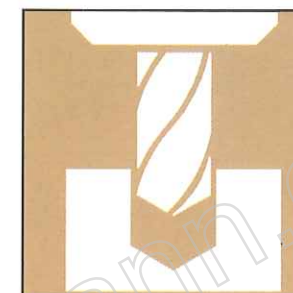
STANDARD ACCESSORIES

MODEL	CL-1500B
Headstock center	2pcs
Tailstock center	2pcs
Guide ring	2pcs
Round shaving knife	2pcs
U pattern knife(roughing)	2pcs
V pattern knife(finishing)	2pcs
Right-angle cutter	2pcs

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



- CT-641A can be positioned at center and can process both square and round profiles.

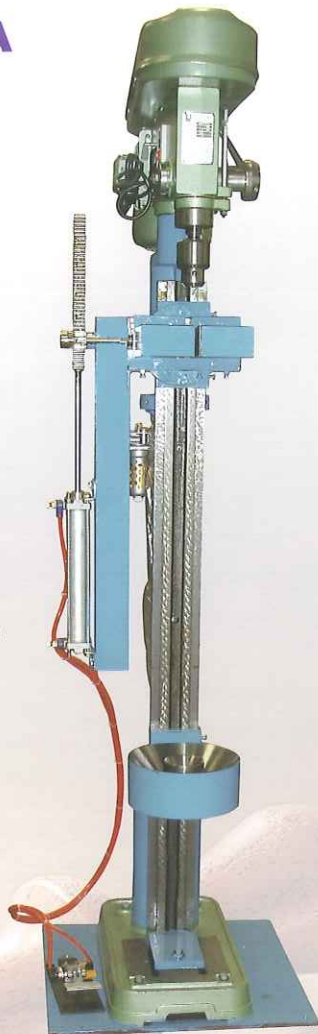


Drilling



Round head forming

The machine can specially perform drilling and round head forming functions.

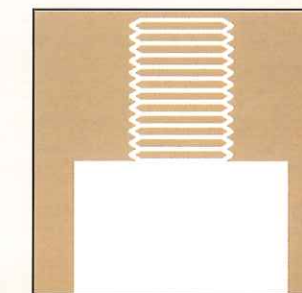


CT-641A

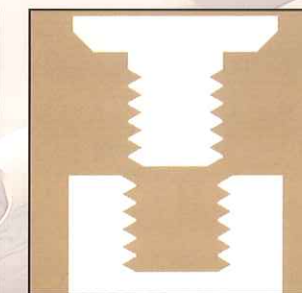


CDT-301

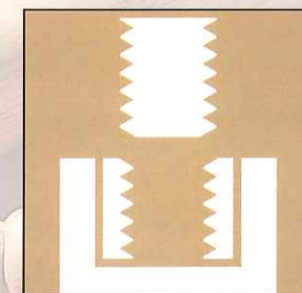
CDT-301 HORIZONTAL TAPPING & SCREWING MACHINE
CDT-301P HORIZONTAL WOODEN SCREWING MACHINE



Outer thread tapping



Inner thread tapping



Screw nut inserting

SPECIFICATIONS

MODEL	CT-641A	CDT-301 / CDT-301P
Power	1HP	1 HP
Drilling Capacity	10-30mm	-
Tapping capacity	-	25mm
Rev. speed of spindle	150-1230 rpm	3 speeds
Workpiece length	900mm	unlimited
N.W./G.W.	180/230 kgs	150/200 kgs
Packing size	90x60x200 cm	100x60x100 cm

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AUTO TURNING GROOVE FORMING MACHINE

CGS-120



SPECIFICATIONS

MODEL	CGS-120
Max. processing length	1500 mm
Max. processing dia.	Ø150 mm
Motor	3 HP*2 + 2 HP
Packing size	300*140*170 cm
N.W / G.W.	800 / 980 kgs

- Can shape straight grooves, spiral grooves or other profile grooves, etc., according to different copying template profiles.
- Adopts manual indexing and the shaped groove no. can be made available upon request.
- The turning work is fixed by an advanced pneumatic, rapid clamp system.
- Comes equipped with an inverter and can change shaping speeds for various characters of wood being turned.
- Can be installed with a router spindle (speed 12000 rpm) and shaper spindle (speed 9000 rpm) for different cutting requirements.

MANUAL TURNING GROOVE FORMING SHAPER

CGS-90



SPECIFICATIONS

MODEL	CGS-90
Max. turning length	1200 mm
Max. turning dia.	Ø120mm
Motor	3 HP*1
Packing size	205*85*115 cm
N.W / G.W.	450 / 520 kgs

- This m/c is operated manually by copying template, features cross & longitudinal movement and transmission by linear motion rail, and is slight & compact.
- The workpiece is clamped by two clamping centers, the turning is especially rapid, and indexing, turn over and adjustments, etc., are all processed easily.
- The shaping groove and grooving no. are operated manually, allowing accurate indexing.
- Straight grooves are shaped by the shaping cutter and allow for a neat and smoothly shaped surface with rapidity, ease of operation, and no operator training needed.

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