

DT-1138, DT-1120

Internal Automatic Copy Shaper

FEATURES AND CONSTRUCTION:

- The machine is constructed with a single cutterhead and single table.
- The cutterhead is built in the machine base for maximum safety of cutting.
- The spindle is interchangeable. Spindle diameters of 1", 1 1/4" and 30mm. Specify spindle diameter when ordering.
- Router spindle is available upon request.
- Centralized control panel provides convenient operation of the machine.
- The table speed varies automatically for highly accurate internal cutting.
- The machine is air operated.
- The cutterhead feed is driven by a combination air/hydraulic system, eliminating the problem of the cutterhead bumping against the workpiece.
- The machine is rigidly constructed for maximum stability in heavy duty cutting.

- Maximum diameter of cut
DT-1120: Ø20"
DT-1138: Ø38"
- Min. diameter of cut Ø2"
- Applicable material of cut:
Wood, Acrylic, hard plastic,
Bakelite, etc.



SPECIFICATIONS:

MODEL	DT-1138	DT-1120
Range of cutting diameter	4"-38"	2"-20"
Maximum rectangular cutting (2:1)	34" X 17"	20" X 10"
Table diameter	52"	27-1/2"
Table rotation speed (Auto variable)	1.5-4 RPM	1.5-4 RPM
Spindle speed	8000-16000 RPM	8000-16000 RPM
Spindle diameter	1", 30 mm, 1-1/4"	1", 30 mm, 1-1/4"
Cutter size	100 mm	100 mm
Follower roller diameter	100 mm	100 mm
Table drive motor	2 HP x 1	1 HP x 1
Spindle drive motor	10 HP x 1	7-1/2 HP x 1
Air pressure required	70 kg/cm ²	70 kg/cm ²
Net weight	1880 kgs	920 kgs
Gross weight	2080 kgs	1120 kgs
Packing size	85" x 66" x 87"	61" x 56" x 81"

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



APPLICATIONS:

The DT-1120 is ideal for internal shaping of picture frames, toilet seats, clock frames, etc. It cuts the internal circular and arc profile of parts.

Quality features for peak performance

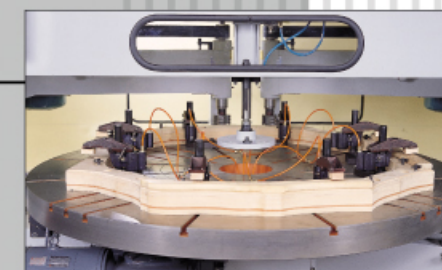


AUTOMATIC AIR CLAMP
Increased number of clamps is available upon request.



INTERCHANGEABLE PRECISION SPINDLE

The machine is built standard with a single size of spindle. Choice of 1", 1-1/4" and 30mm diameters. Specify spindle diameter when ordering.



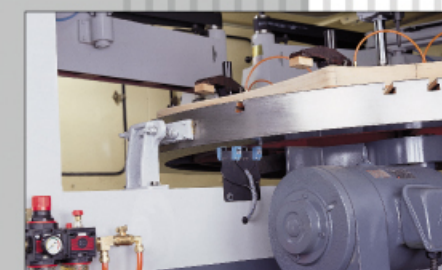
CLAMPING SYSTEM

This machine is furnished with automatic air clamps as standard to permit multi-station working. A center clamp is also provided for single station working.



CUTTERHEAD

The spindle is mounted on precision bearings enclosed in a cast iron housing. The unique design of the interchangeable spindle permits clockwise or counterclockwise rotation upon replacing the spindle. The rugged construction of the cutterhead provides a large capacity for cutting hardwood materials.



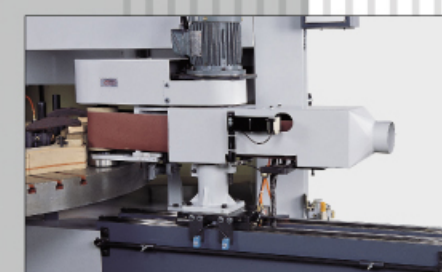
VARIABLE TABLE DRIVE

The infinitely variable table speed permits operation at a wide range of speeds. This allows the feed rate to be adjusted according to the stock thickness and component shape, to give optimum output.



SIDE PRESSURE PLATE

A side pressure plate can be supplied as optional equipment to provide secure positioning of the workpiece. The side pressure plate can be built on the standard cutterhead models.



EDGE SANDING ATTACHMENT

Designed and engineered for efficient, highly productive and time saving performance, the EXCELLENT edge sanding attachment, used with a copy shaper, provides a perfect finish for chair legs, table tops, and other curved edge furniture components. With this attachment, flat, curved and intricate profiles can be easily sanded after shaping, reducing the handling time for sanding operations and increasing the efficiency of your production.