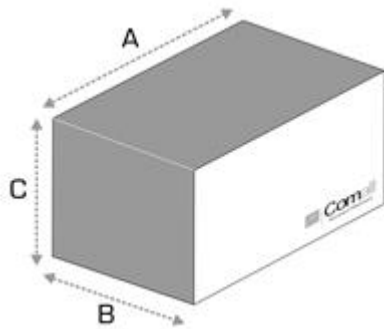


M2T 550 A

Double-head sawing machine equipped with a numerical control system Power E with external heads tilting

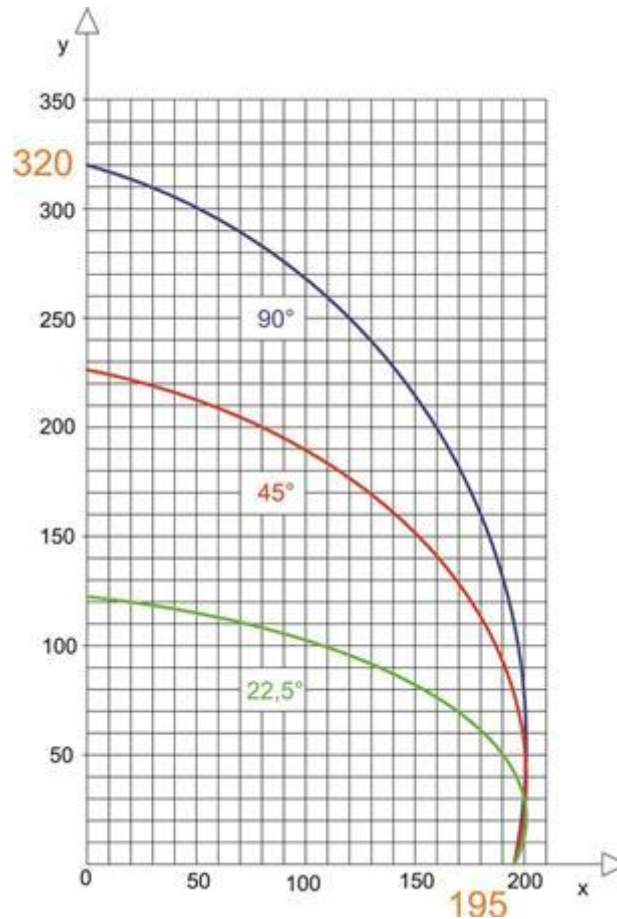


Ver.	A [mm]	B [mm]	C [mm]	Kg
m. 4	5150	1600	1800	1560
m. 5	6150	1600	1800	1660
m. 6	7150	1600	1800	1760

Technical specifications:

- Three-phase motor 400V 50/60 Hz 3 Kw 2.800 rpm
- No. 2 tungsten carbide saw blades \varnothing 550 mm
- Prearranged for installation of chip or smoke collectors (hose \varnothing 60)
- Air Consumption: 30 litre/cycle
- Integral pneumatic protection guards
- Pneumatic lubrication
- No. 2 vertical vices
- N° 4 horizontal vices
- Movable head roller table 2,5 m.

CUTTING DIAGRAM



Control equipment: POWER-E



Electronic equipment description:

- Industrial numerical control fitted directly into the control console
- LCD colour graphic display 6,5"
- Alphanumerical membrane type keyboard with electromechanical command buttons
- The USB port is also used for managing cutting lists from control software

Some of the main functions of the software:

- FOM Multitasking Operating System
- User graphic interface with Window menu and icons
- Cutting lists imported via network or USB memory stick
- Profile archive with assignment to the various work parameters and to profile-shaped sections with the possibility of importing real DXF type profile sections by means of converter offered as standard with the machine
- Semiautomatic cutting function with automatic profile height compensation and piece counter with cutting disabling
- Display of profile sections while executing cutting lists with indications of piece positioning on the machine
- Possibility of highlighting on monitor the element being machined in a graphic representation of the associated frame (only with cutting lists originating from Fom programs)
- Formulae & Type software for up to 6 variables where each element is assigned a description of the machining operations to be performed
- Possibility of machining several types at once with the relative cutting optimisation
- Software for entering cutting lists manually from keyboard
- Direct connection to FOM technical support via the remote assistance service

Optionals:

- Self-cleaning chips tray
- Central manual support
- Zinc-coated base cover tank
- Horizontal pneumatic vice (2 vices)
- Electronic profile height measuring device
- Labels printer
- Software user licence for special length cutting (extra-large and super-minimum) and trim cuts at variable angles.
- Data conversion driver. For supported formats, see list in attachment.
- Software licence for importing profile sections in DXF format
- Software licence for frame display with highlighting of the profile being machined
- List transmission via Ethernet for network connection to external devices and teleservice
- Teleservice contract for single machine

Optional: Packing

- Crate packing - 4 m.
- Crate packing - 5 m.
- Crate packing - 6 m.