

detel 



M — 22

M — 29

M — 35

Dowel hole drilling machines...

M — 22



Horizontal-Vertical Dowel hole drilling machines type M - 22, M - 29, M - 35

The dowel hole drilling machines are purposed for vertical and horizontal drilling of surface and other furniture elements. Those machines are very suitable for quick exchange of production programme.

All required machine adjustment can be performed manually in few minutes. Drilling unit with 22, 29 or 35 spindles is adjustable perpendicular to the drilling direction and under any angle from 0 to 90 degrees. Lifting of drilling unit from vertical to horizontal position is achieved by a pneumatic cylinder.

All the equipment can be arranged accordingly to the customer demands (additional clamp units, hydraulically brake on working cylinder, automatic drilling cycles, different spindle distances, etc.)

Technological features of the machine:

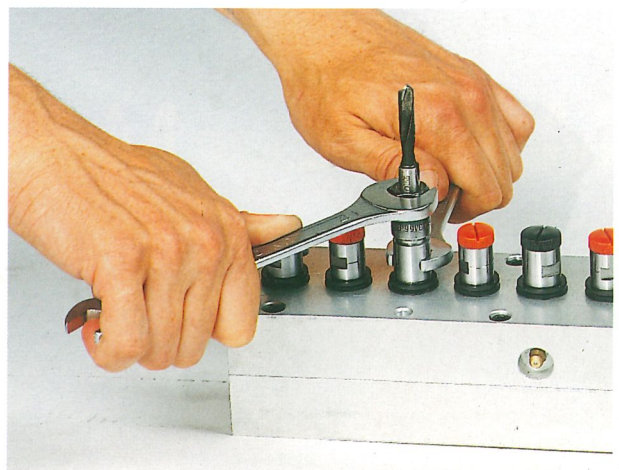
- drilling from below assures clean working table and irrespective of a work-piece thickness tolerance the depth of drilling remains the same
- drilling depth adjustment is the same at vertical and horizontal drilling and at any angles from 0 to 90 degrees
- digital drilling height adjustment

M — 29



Drilling head with quick exchange chucks

M — 35



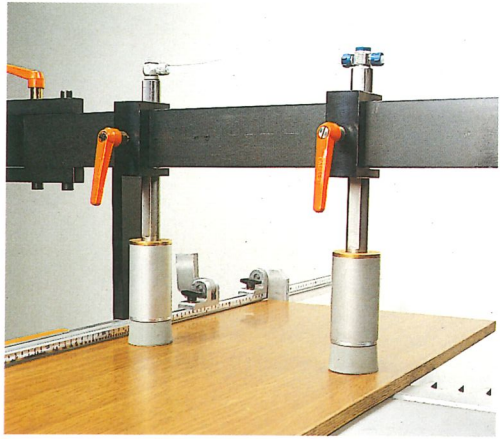
Standard chucks fastening (M 10, 15°)



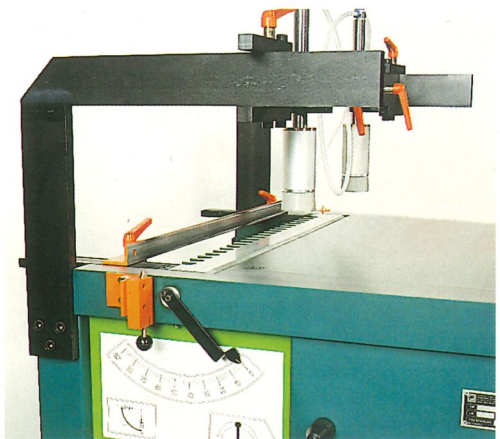
Drilling under any angle from 0 to 90 degrees



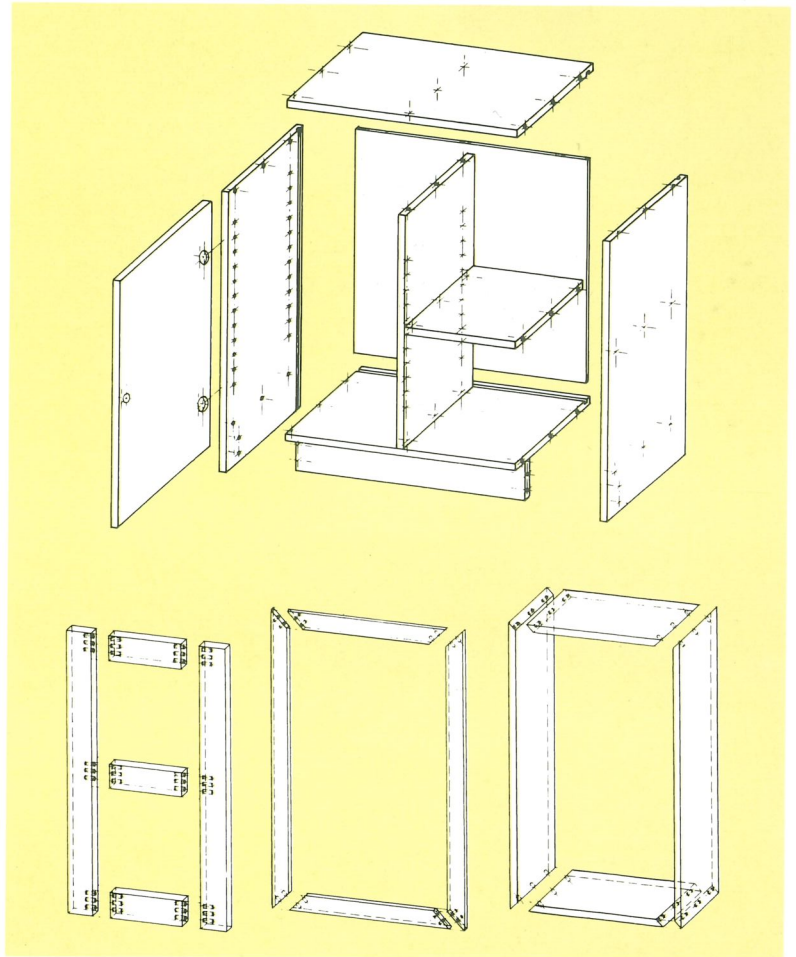
Horizontally drilling with a device for 45 degrees drilling



Transversally drilling with mechanical stops on the graduated rule $\varnothing 30 \times 30$ mm



Repetition device for serial drilling of bores



System with graduated rule $\varnothing 55 \times 60$ mm

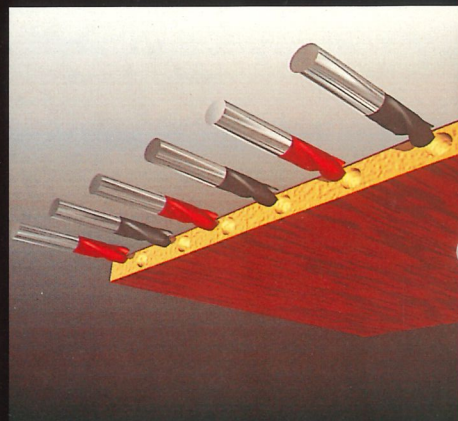
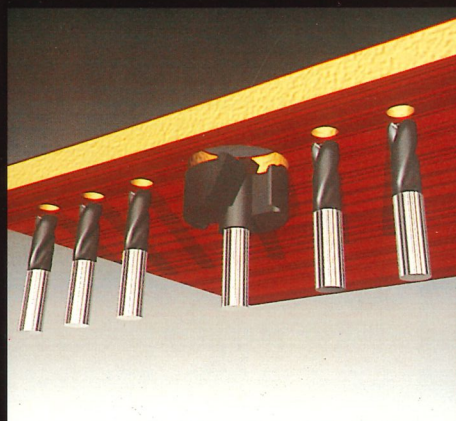
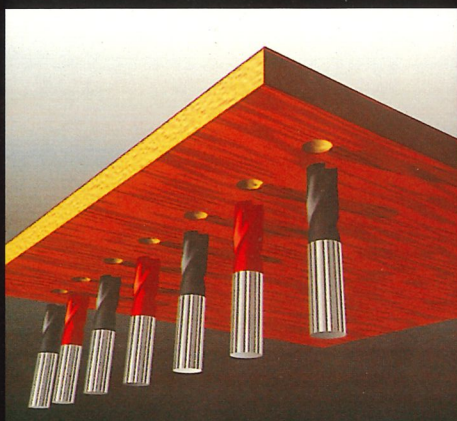


C.E. Norms

M — 22

M — 29

M — 35



Technical data	M — 22	M — 29	M — 35
Number of drilling spindles:	22	29	35
Centre distance between drills:	32 mm	32 mm	32 mm
Centre distance between the first and the last drill:	672 mm	896 mm	1088 mm
Maximal depth of drilling:	90 mm	90 mm	90 mm
Size of working table:	900 x 545 mm	1130 x 545 mm	1320 x 545 mm
Maximal dimensions of the work piece:	876 x 2500 mm	1106 x 2500 mm	1296 x 2500 mm
Speed of spindle rotation:	2800 r.p.m.	2800 r.p.m.	2800 r.p.m.
Motor driving power:	1,5 kW	2 x 1,1 kW	2 x 1,5 kW
Supply voltage:	220/380 V, 50Hz	220/380 V, 50Hz	220/380 V, 50Hz
Working air pressure:	0,6 MPa	0,6 MPa	0,6 MPa
Air consumption:	10 NI/cycle	10 NI/cycle	10 NI/cycle
Weight of the machine:	ca. 300 kg	400 kg	ca. 445 kg
Overall dimensions (length/width/height):	1050 x 1450 x 1370 mm	1250 x 1450 x 1370 mm	1440 x 1450 x 1370 mm
Packing size (length/width/height):	1010 x 950 x 1000 mm	1210 x 950 x 1000 mm	1400x 950 x 1000 mm



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