

MULTI-HEAD MACHINES

BORING SYSTEM 46

Semiautomatic, multispindle boring machine with n. 2 parallel vertical boring heads

For **vertical double-row** line drilling on **furniture** sides. The ideal solution for **bookcase**, **bookshelf** and **wardrobe manufacturers**.

-Small footprint: 2 sqm

-Faster than a single-head boring machine

More than 5.000 machines manufactured, over thirty years' experience. 100% made-in-Italy machines abiding by the highest quality standards as a result of the "Lean" manufacturing process, also known as "[Toyota System](#)".

TECHNICAL FEATURES MODEL

N.2 vertical parallel boring heads with 23 spindles each.

Distance between the heads: Max 650 mm / Min. 130 mm

Distance between first and last spindle: 704 mm - 32 mm intereaxis

Quick-change spindles

Boring-depth adjustment on numeric counters

Ready to be connected to a dust collector

Manufactured abiding by EC standards

STANDARD EQUIPMENT

N.2 - 1,5 HP motors

N.6 patented, safety hold-down clamps

N.10 quick-change chucks

N.1 - 3000 mm long aluminium fence with 4 ref. stops

Boring-depth adjustment on numeric counters

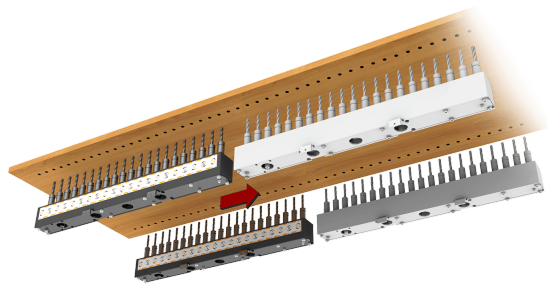
N.2 extendables panel holders, both sides

Ready to be connected to a dust collector

Package: stackable wooden box

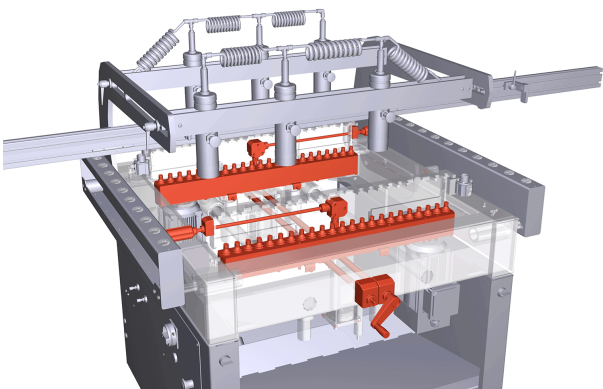
Manufactured according to EC standards

MORE INFORMATION



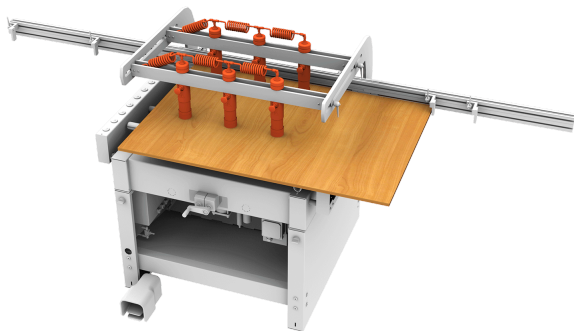
HIGH PRODUCTIVITY

Having a total interaxes of 704 mm and with two boring-heads, the machine can perform a double row of parallel line holes in just one working cycle, and process a 3000 mm long side-panel in just four working cycles.



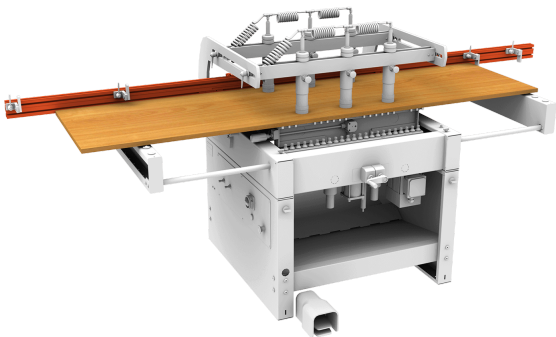
QUICK SET-UP

Boring depth and distance between the heads are easily adjustable with numeric counters.



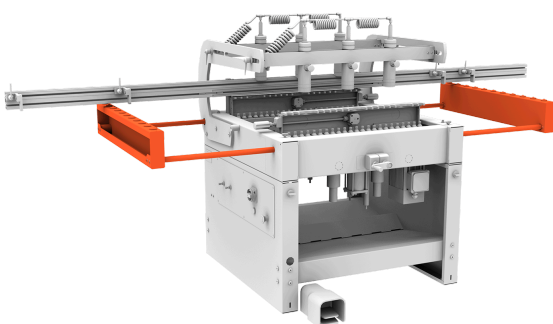
EFFECTIVE PANEL HOLD-DOWN AND DRILLING ACCURACY

N.6 quick-adjustable, pneumatic, safety clamps ensure the perfect panel hold-down, which results into always accurate drilling operations.



QUICK AND ACCURATE PANEL POSITIONING

Thanks to the aluminum fence (3000 x 80 mm) with 4 reference stops.



COMFORT

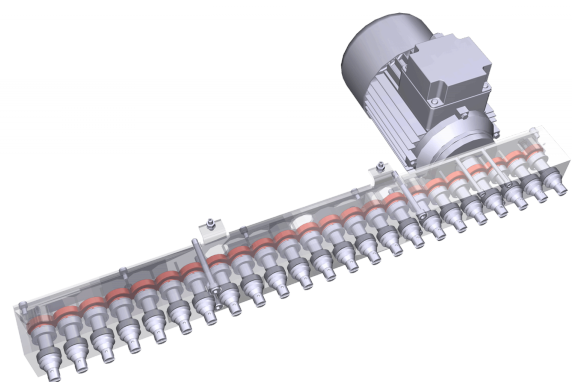
Wide and solid, extendable, panel holders, both sides, giving additional support to the long working panels and easing their loading on the machine.



FAST AND EFFECTIVE

It considerably speeds up the vertical row drilling operations with respect to a single-head boring machine.

MORE INFORMATION



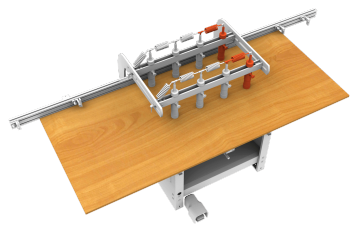
SOLID STRUCTURE

Made of steel, built to last. Eco-friendly, rust-resistant powder coating. Boring heads are made of aluminium, while internal gears are made of rectified steel.



ACCESSORIES

Enhance the hold-down on the workpiece



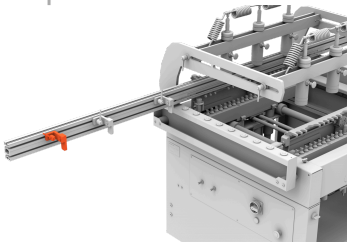
Additional hold-down clamp

To increase the hold-down pressure on the working panel and consequently its stability during the drilling process

N.1 additional hold-down clamp

CODICE: 29971019 - BS 46

Quicker set-up



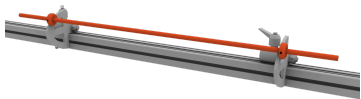
Additional ref. stops for fence

Having more reference points on the long fence means achieving a quicker and more precise set-up

N° 1 additional ref. stops for fence

CODICE: 26010051

Quicker set-up



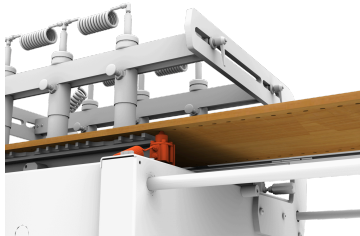
Ref. gauge for the quick set-up of the ref. stops along the fence

For the quick and accurate adjustment of the ref. stops along the fence

Ref. gauge for the quick set-up of the ref. stops along the fence (704 mm)

CODICE: 26000059

Quicker set-up



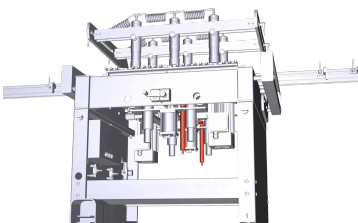
Pneumatic ref. pin for line drilling

To carry out the line vertical drilling process very quickly and accurately, without using the long fence. It is highly recommended to have this device both sides of the machine to process panels longer than 2 mt

Pneumatic ref. pin for line drilling (1 piece)

CODICE: 26401900

Increase the accuracy of the working process



Set of n°2 dynamic brakes

For a constant and even movement of both vertical boring heads during the drilling process

CODICE: 26405107

Quick-drill of hinge holes



Drilling aggregate for hinges, type "Salice"

To drill the three hinge holes in one single working cycle

DRILL-BITS NOT INCLUDED

CODICE: 00008391

ACCESSORIES

Quick-drill of hinge holes



Drilling aggregate for hinges, type "Blum"

To drill the three hinge holes in one single working cycle

DRILL-BITS NOT INCLUDED

CODICE: 00008392

Quick-drill of hinge holes



Drilling aggregate for hinges, type "Hettich"

To drill the three hinge holes in one single working cycle

DRILL-BITS NOT INCLUDED

CODICE: 00008393

Recommended tools



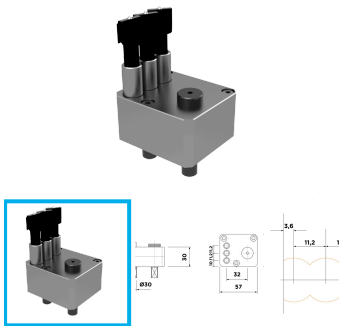
Tool set made up of 3 drill-bits for hinges

Recommended drill-bit set for drilling aggregate for hinges, made up of n. 2 left-handed drill-bits 8mm diameter and n.1 right-handed drill-bit 35 mm diameter

Tool set made up of 3 drill-bits for hinges

CODICE: 26845821

Quick-drill of holes for Cabineo furniture connector



Drilling aggregate for "Cabineo" connectors

To drill the holes for the "Cabineo" connectors in one single working cycle

Drilling aggregate for "Cabineo" connectors, including 3 drill-bits 15 mm diam.

CODICE: 26845820

Special voltages

Single-phase Motor

To have the machine working in small handcraft shops having an electric system running on 220 VItS

CODICE:

Special voltages

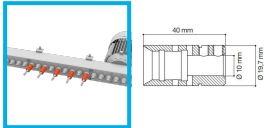
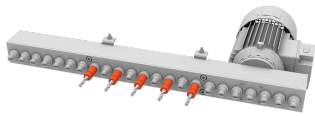
"CSA" standards

Electrical standards abiding by the Canadian wiring regulations

CODICE:

ACCESSORIES

Ergonomics



Quick-change bush / chuck

By using these quick-change tool-holders,
You can mount Your drill-bits on the boring
head in just "one click"

CODICE: 36000061