

semi-automatic multiboring machines

Single-head and multi-head machines





OUR TECHNOLOGY BEHIND YOUR IDEAS

startech - top 35 plus
top 35e plus - multitech plus

Semi-automatic single-head and
multi-head boring machines



SEMI-AUTOMATIC BORING

DESIGN

CUTTING

EDGE BANDING

SEMI-AUTOMATIC BORING

CALIBRATING/SANDING

ASSEMBLY

startech 27
top 35 plus
top 35e plus
multitech plus

EXCELLENCE IN
SEMI-AUTOMATIC BORING





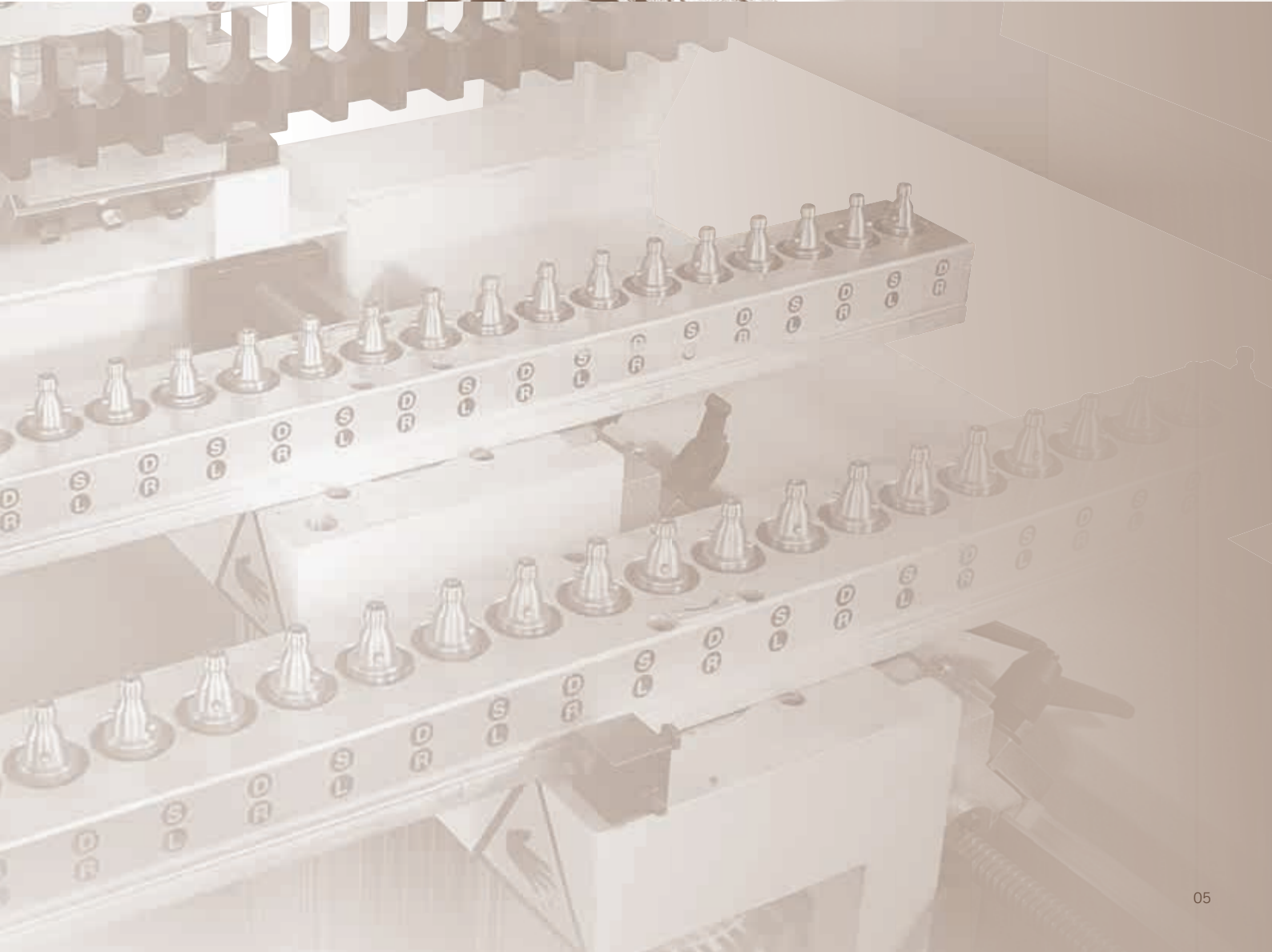
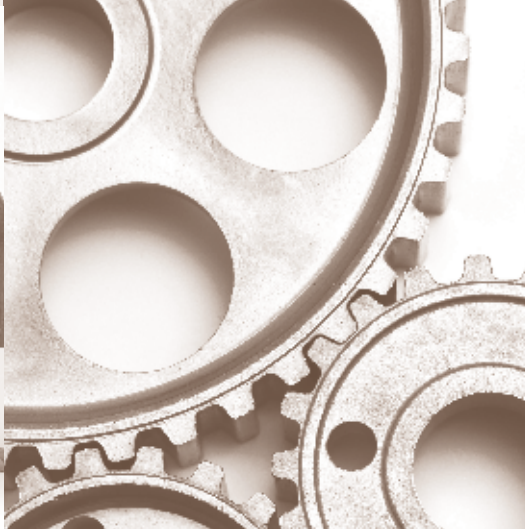
Easy to use,
versatile, with
a wide choice
of options



Reliability for
life and with
precision



Productivity
and flexibility





Easy to use,
versatile, with
a wide choice
of options

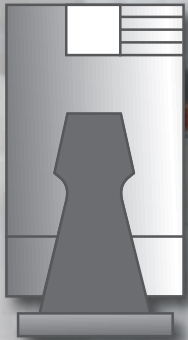
startech 27



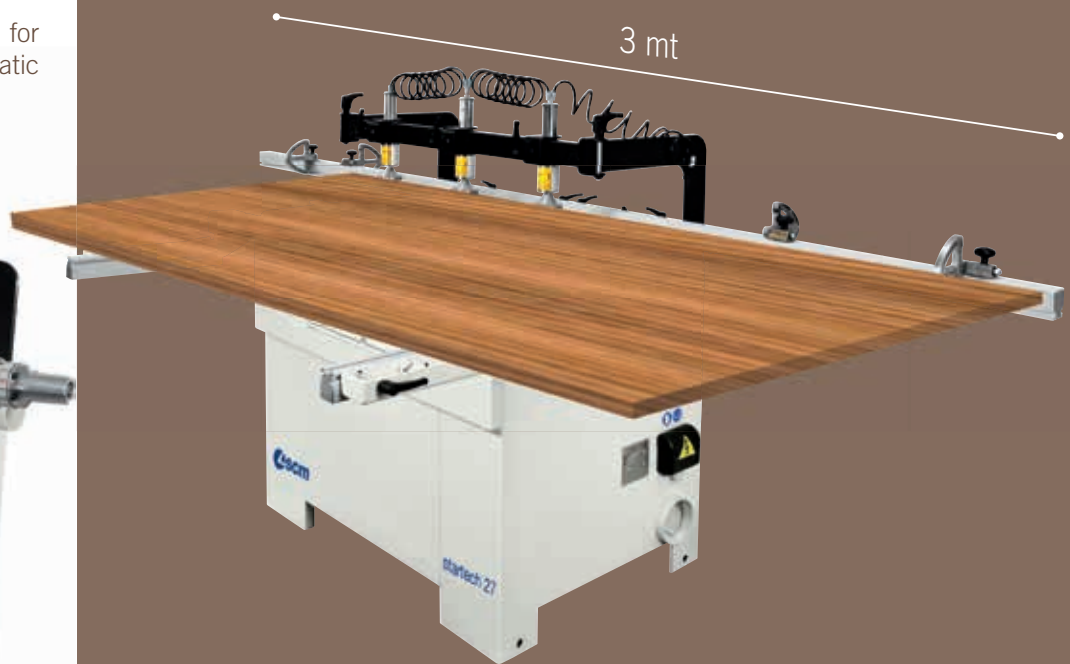
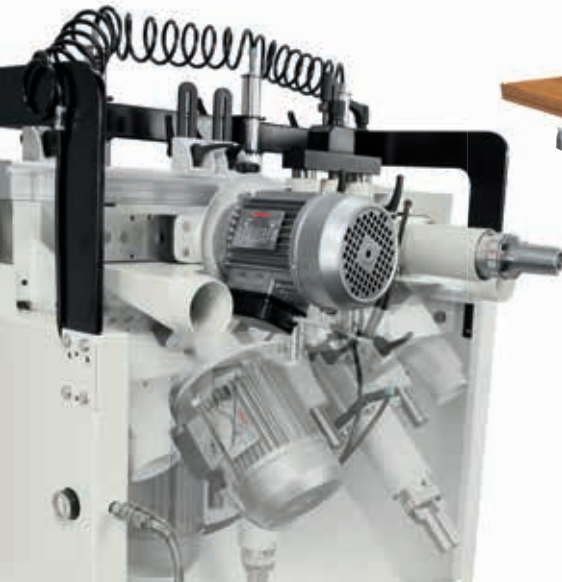
SEMI-AUTOMATIC SINGLE-HEAD
MULTIBORING MACHINE
WITH 27 SPINDLES



Rapid set up due to the 27 spindles with quick-release fittings



“Convenient selector, as standard, for the 0 - 45 - 90 automatic pneumatic head rotation”



Versatile, a wide choice of options... intelligent. Right/left guides which can be excluded from the table and L=3metre extensions

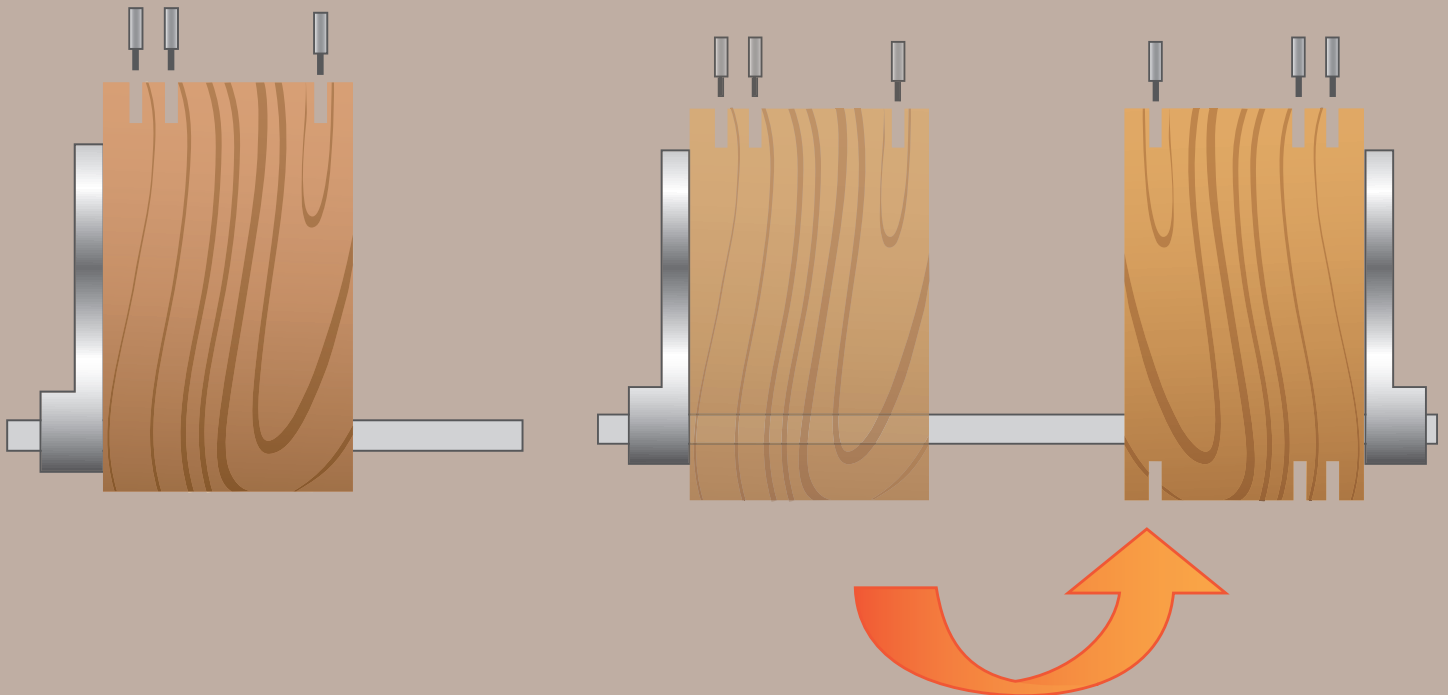


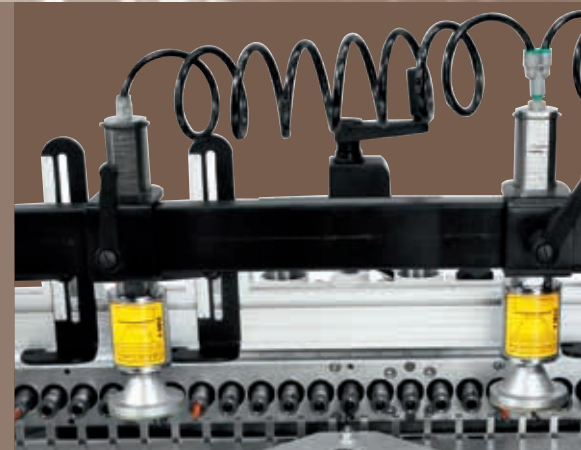
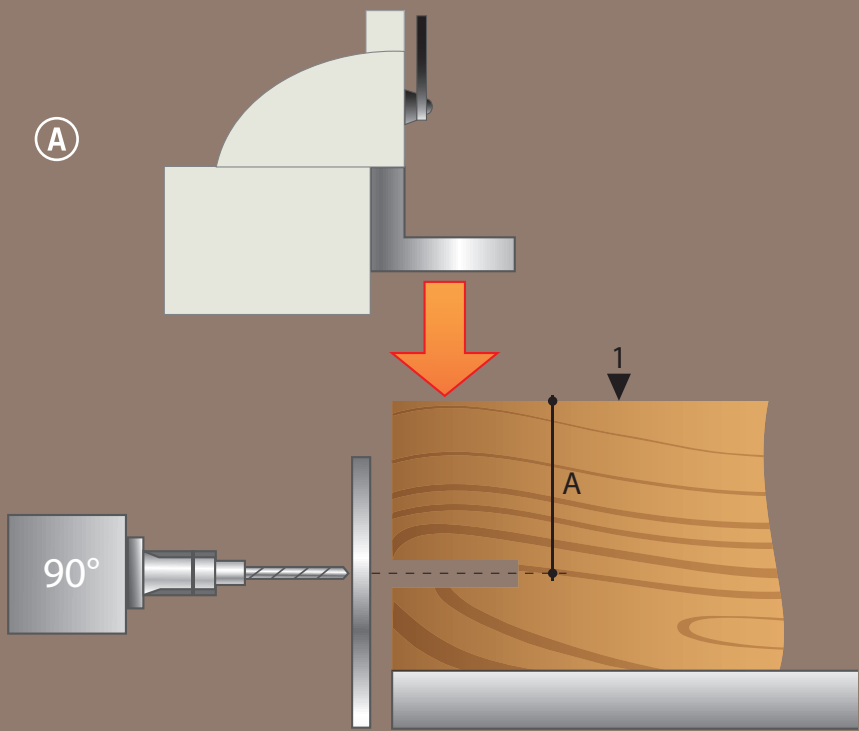
Easy to use,
versatile, with
a wide choice
of options

startech 27

Practical and precise with the nonius decimal scale and micrometric guides travel

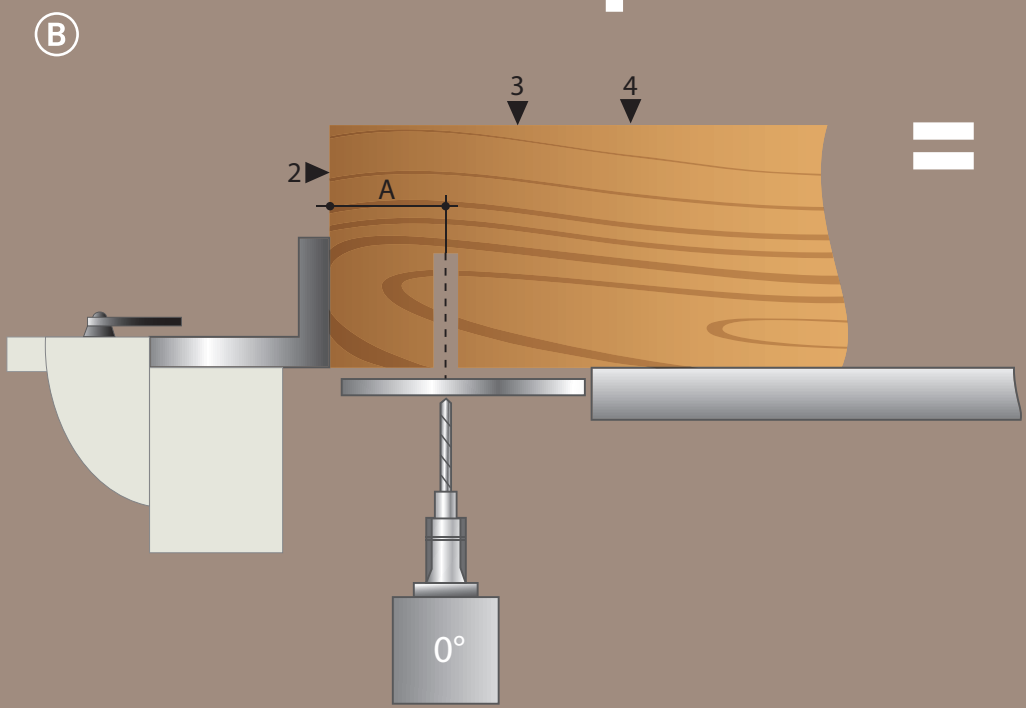
The compass, a simple tool for perfect mirror guide positioning



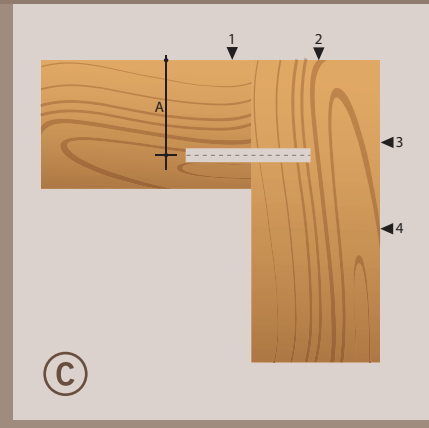


Perfectly aligned joints due to the depth stops with metric rule and work piece locking pistons

+



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Easy to use,
versatile, with
a wide choice
of options

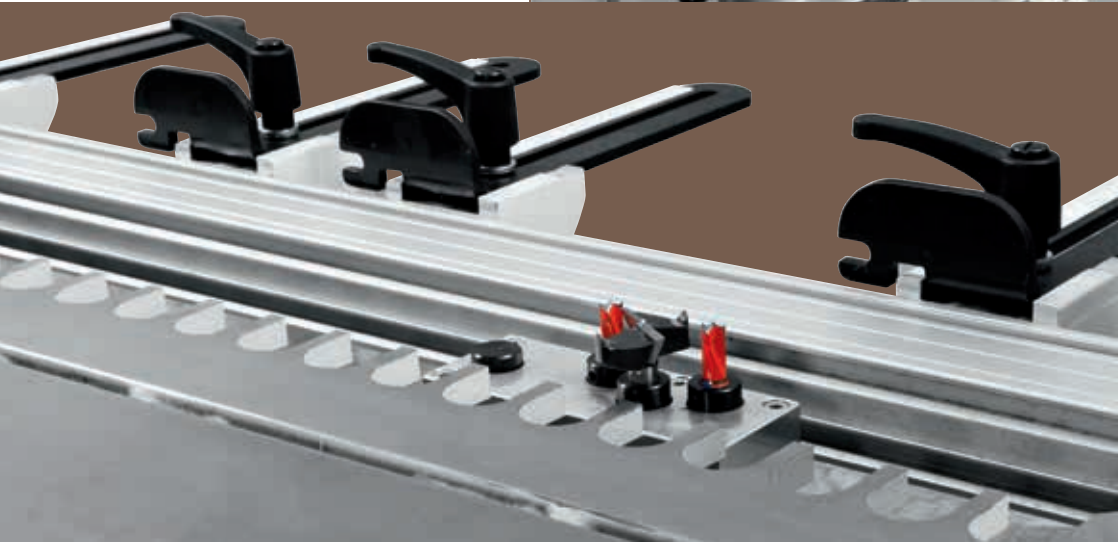
startech 27



5 position revolving turret for
always setting the correct
depth



The workshop is always clean
using the shaving suction by
means of an outlet on the
boring head and air conveyor
on the base

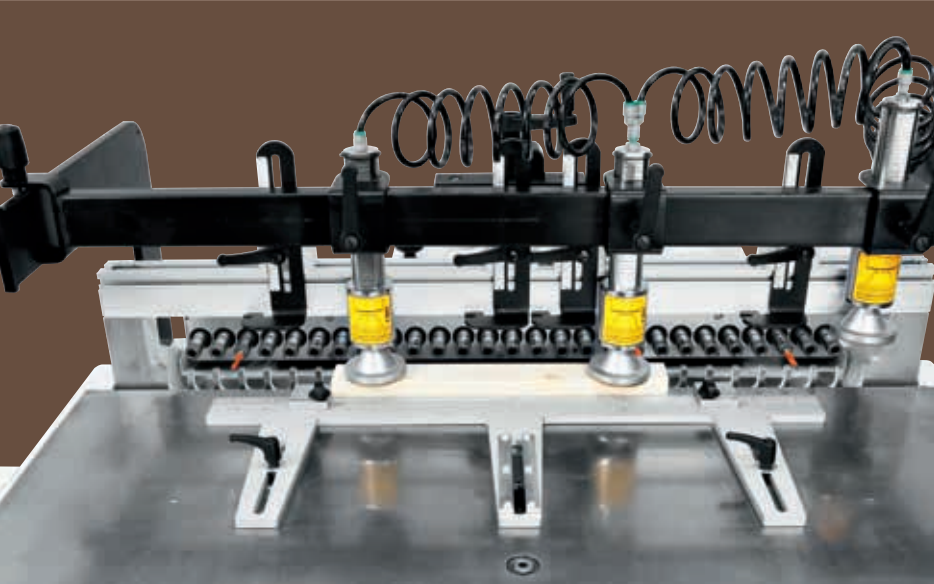


Group for the machining of
hinges (option)

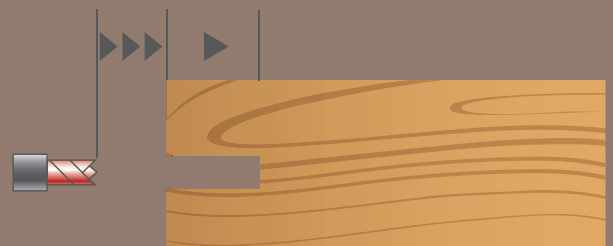




Device for horizontal boring at a 45° angle (option)



Device for boring narrow work pieces (option)



Faster boring with the servo-assisted boring unit down stroke speed adjustment (option)



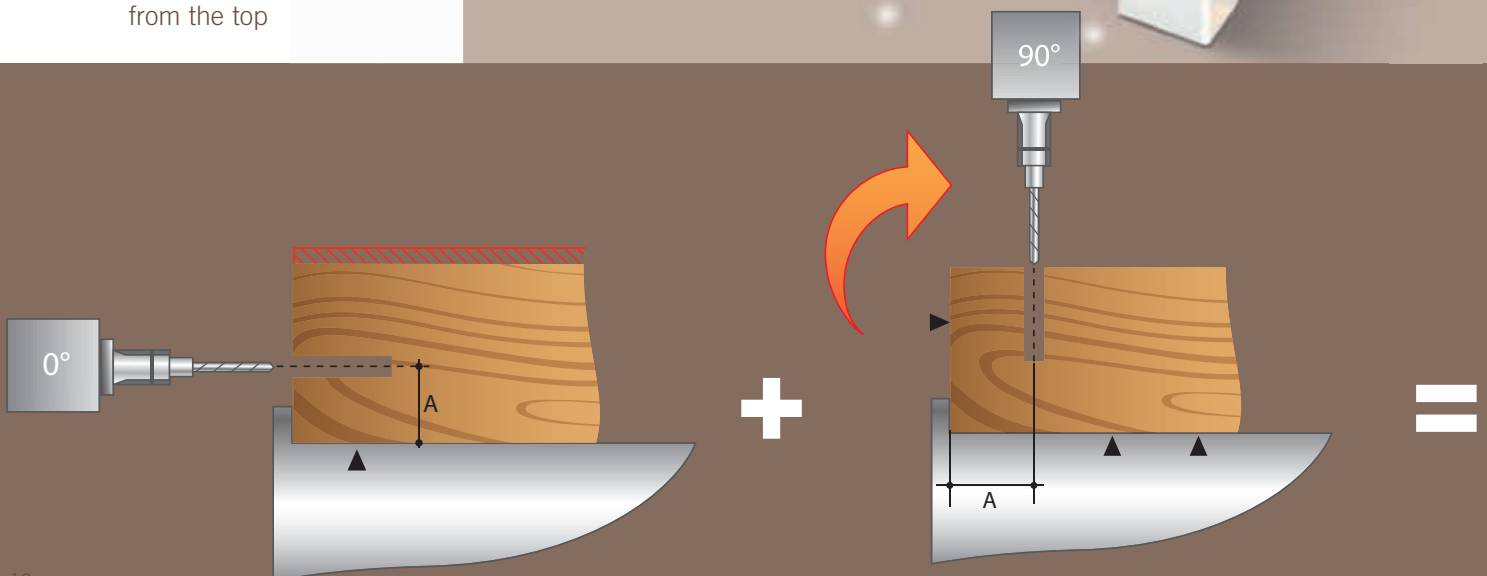
Reliability for
life and with
precision

top 35 plus
top 35e plus

SEMI-AUTOMATIC SINGLE-HEAD
MULTIBORING MACHINE
WITH 35 SPINDLES

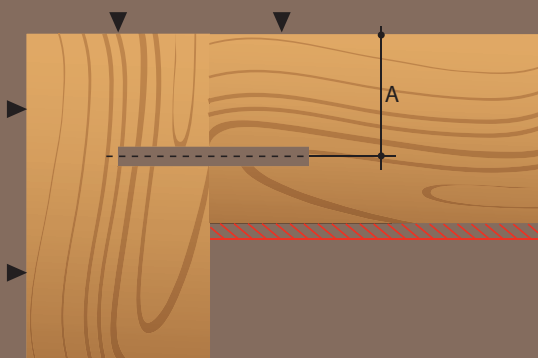


TOP 35 PLUS
The only borer that drills
from the top





TOP PLUS 35E PLUS
The advanced borer with electronic readouts



ASSEMBLY HOLE PRECISION

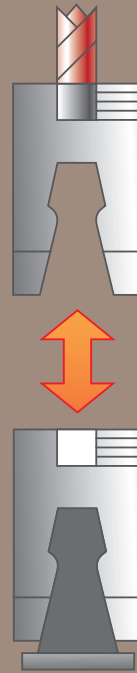
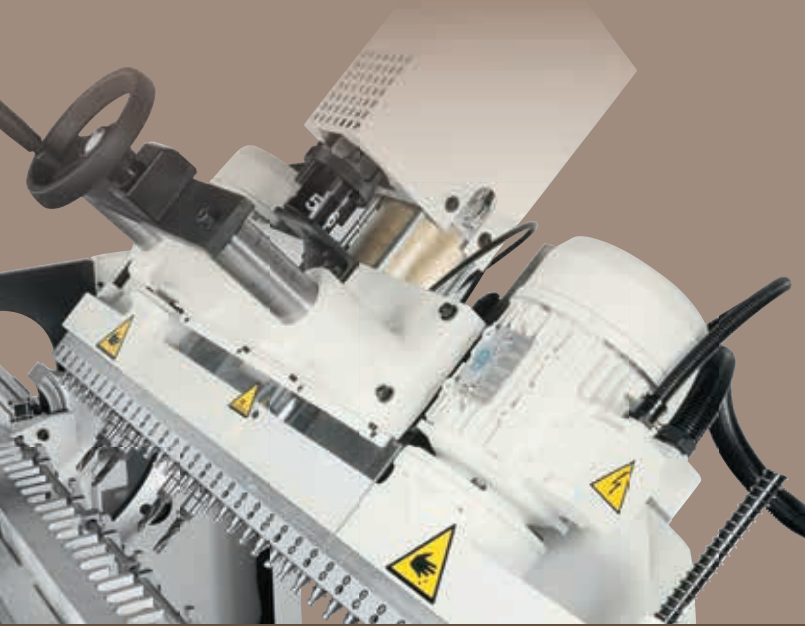
Overhead vertical boring means the Top Plus guarantees a constant, high-standard of boring precision that shows itself later during assembly of the panels. The system uses the outside of the panel as a reference and thus any differences in thickness are on the inside of the cabinet



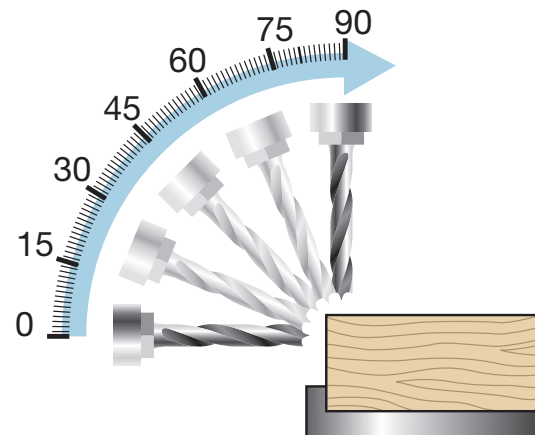
Reliability for
life and with
precision

top 35 plus top 35e plus

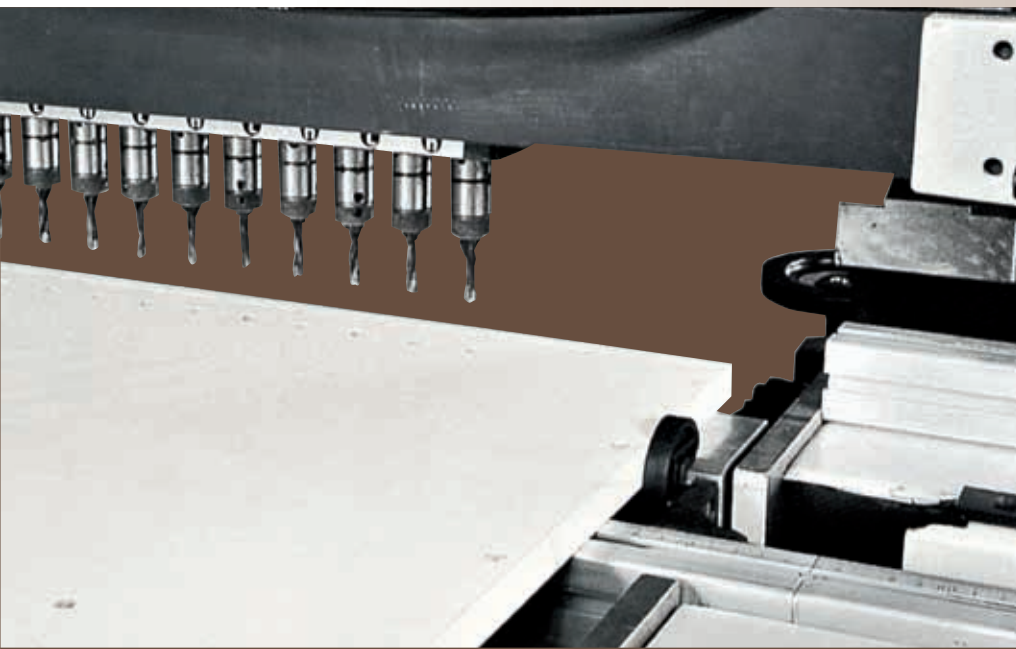
Boring head with 35 spindles with
quick-release fitting and 8 standard bushes



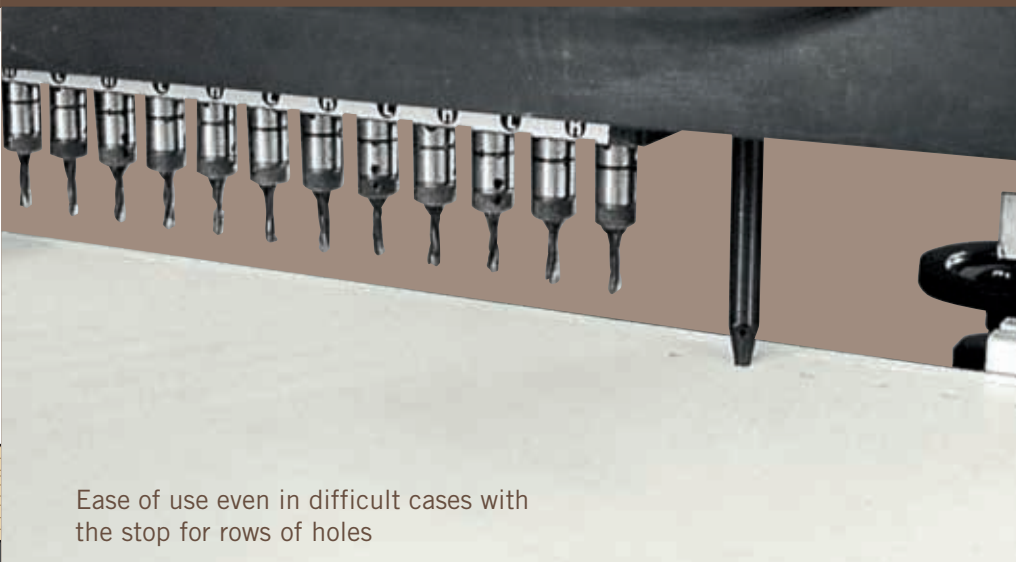
Strong and long-lasting machine
exploiting all the power of having
two motors



The best performance with powered
tilting which allows the positioning for
all angles from 0° to 90°



6 position revolving turret and mechanical stops on the work table provide speed and precision



Ease of use even in difficult cases with the stop for rows of holes



Hydraulic brake for a more precise boring speed control in reduced cycle times (option)



2 guides L=1500 and 4 retractable stops (option)



Frame for boring narrow work pieces (option)



Frame for boring at a 45° angle (option) ▶



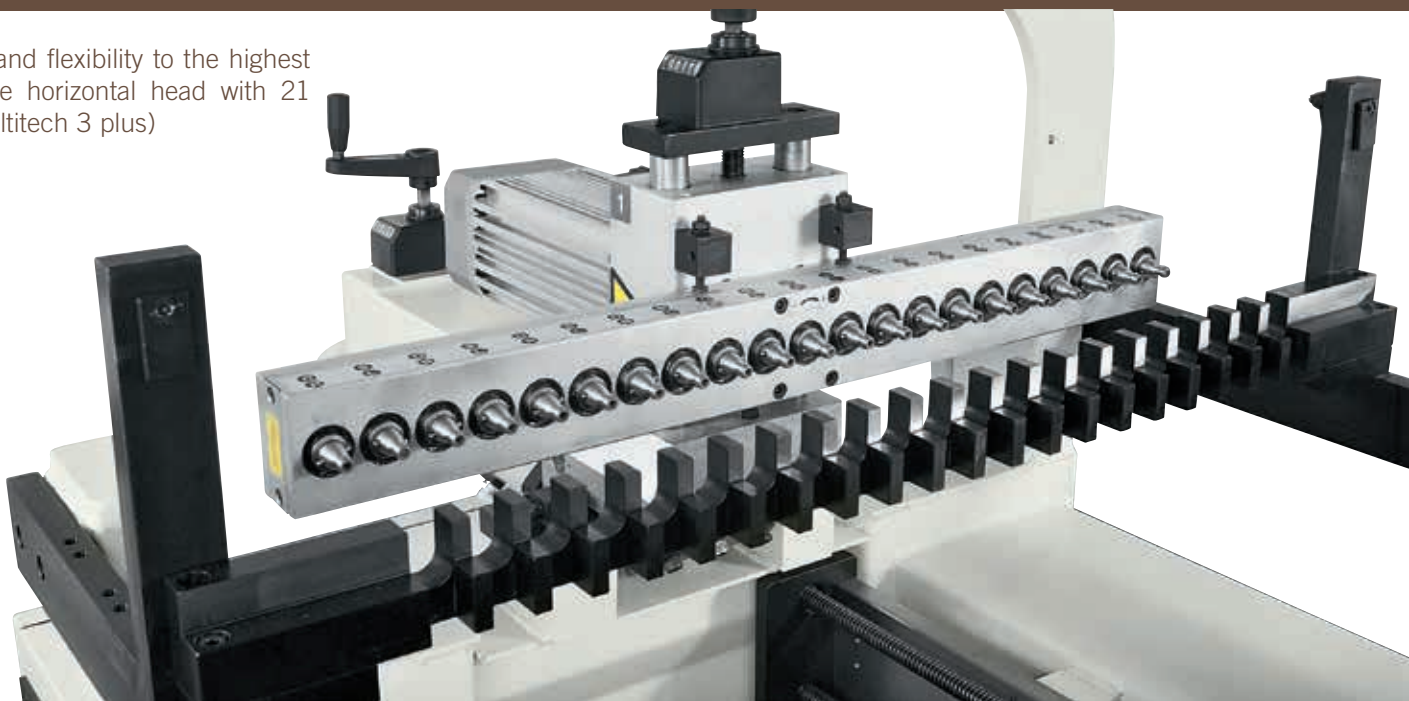
Productivity
and flexibility

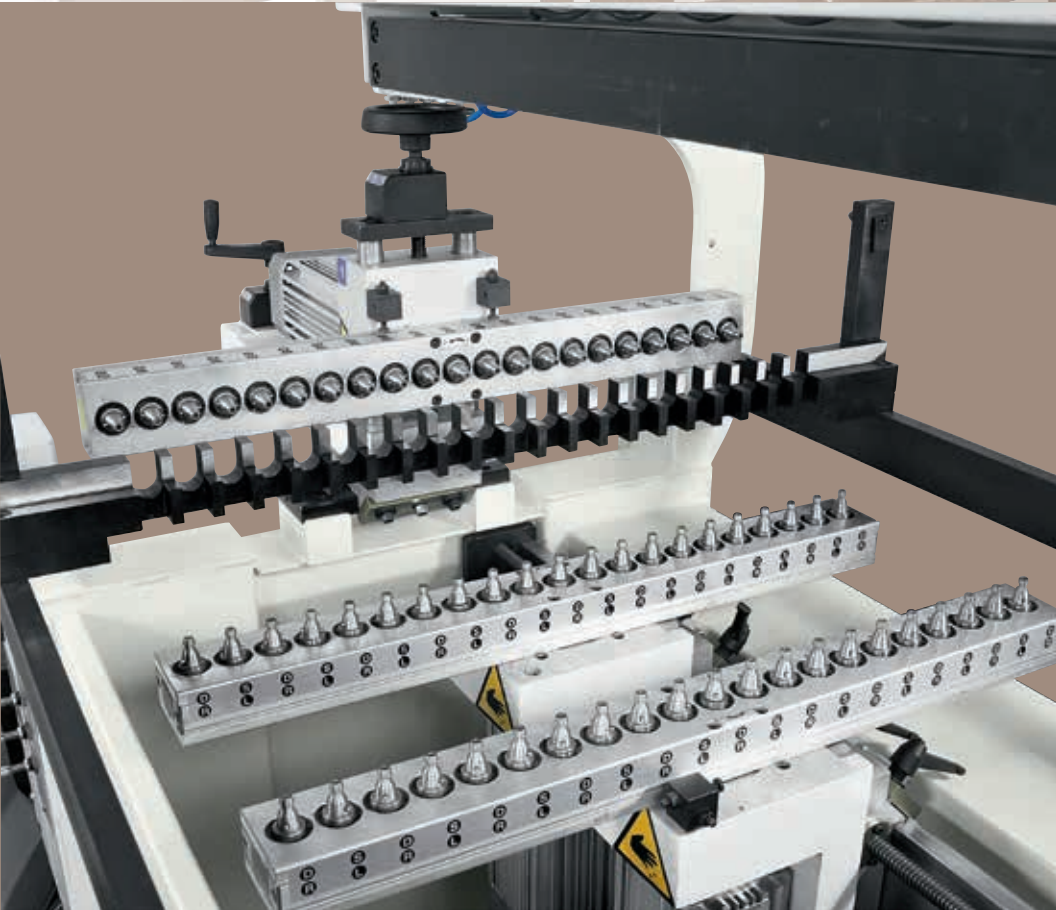
multitech plus

SEMI-AUTOMATIC MULTI-HEAD
BORING MACHINE FOR
HORIZONTAL AND VERTICAL
BORING

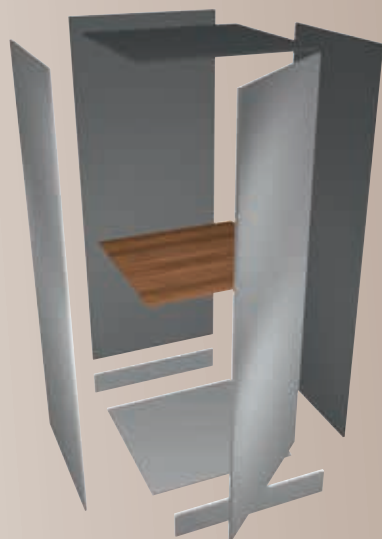
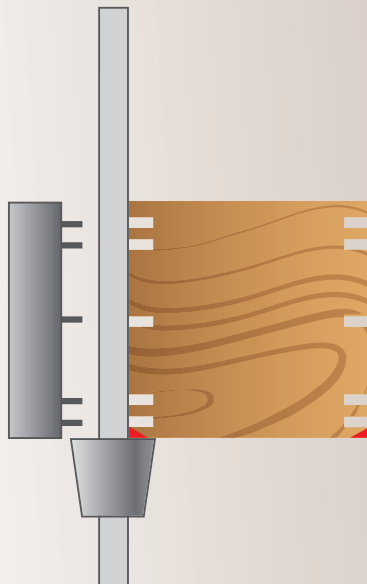
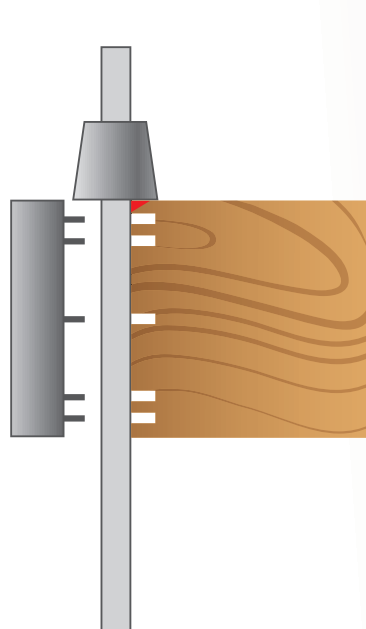
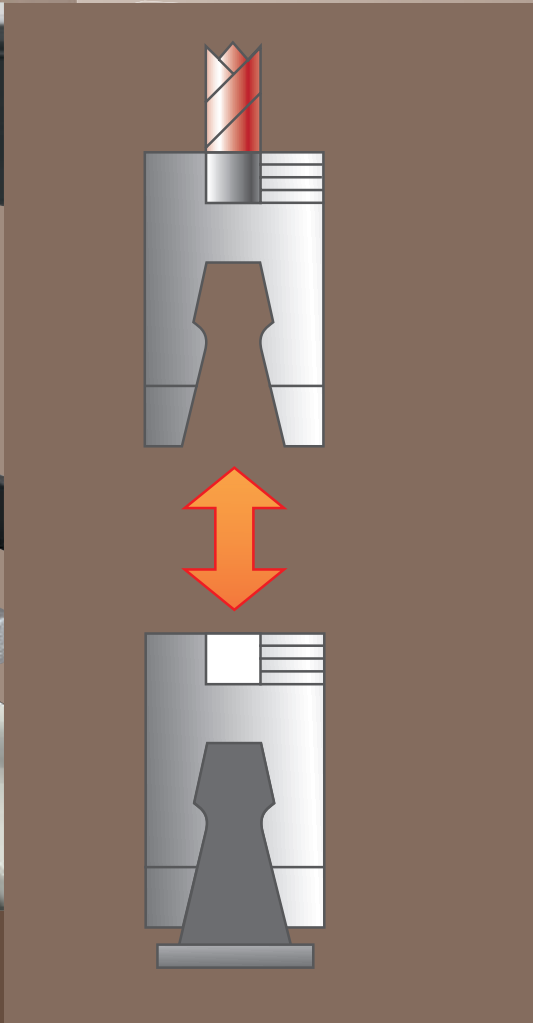


Productivity and flexibility to the highest
level with the horizontal head with 21
spindles (multitech 3 plus)





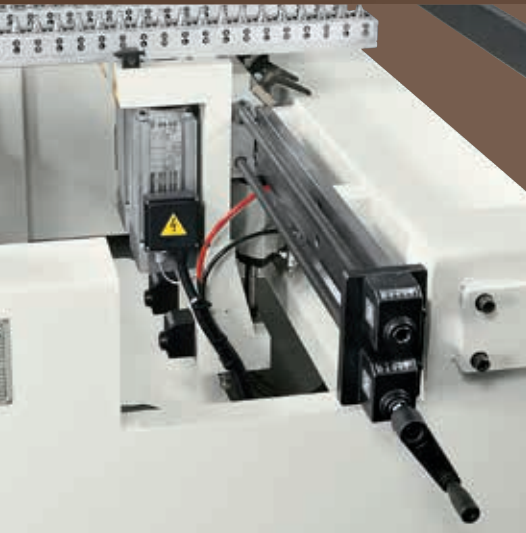
Easier set up thanks to the head with 21 spindles with quick-release fitting



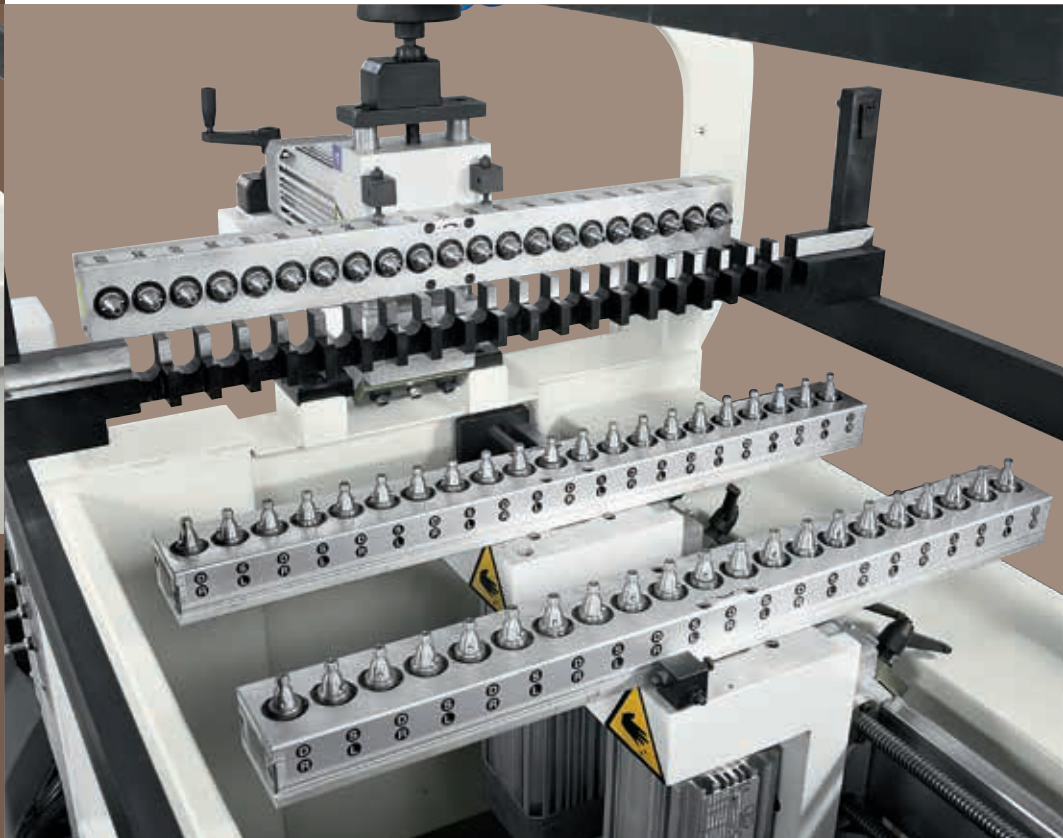


Productivity
and flexibility

multitech plus



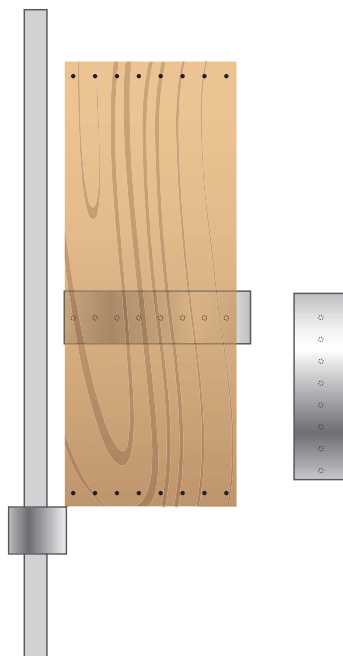
Quick and precise head positioning through screws and mechanical digital readouts



Very high flexibility thanks to the possibility of rotating the heads at 90°

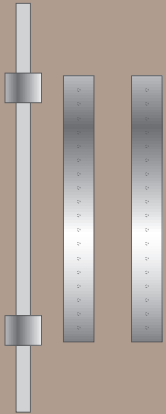


The "maximum" ...available as standard. Reference guides with 3metre total length with 4 pneumatic stops





MULTITECH 2 PLUS



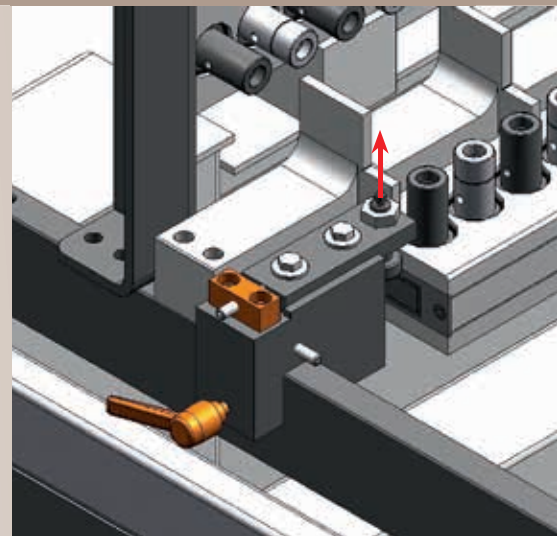
VERTICAL BORING



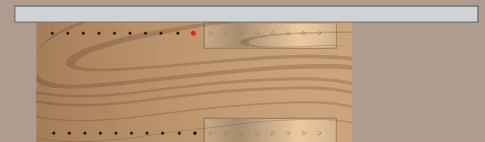
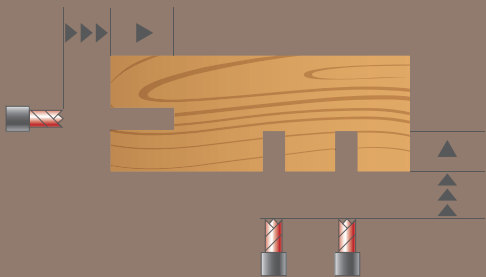
HORIZONTAL BORING



▶ Faster boring with the oleodynamic brakes on all heads (option)



Perfectly aligned rows of holes ▶ through the pin used for restarting the boring (option)





startech 27
top 35 plus
top 35e plus
multitech

TECHNICAL DATA

startech 27

Spindles	no.	27
Distance between spindles	mm	32
Spindle speeds	rpm	3000
Spindles motor power	kW (Hp)	1,5(2)
Max. stroke of boring unit	mm	63
Max. panel width under the "gantry structure"	mm	1.025
Min. panel thickness	mm	10
Max. panel thickness	mm	60
Compressed air pressure	bar	6
Compressed air consumption	nl/cycle	3,6
Exhaust outlets diameter	mm	120 + 60 + 60
Exhaust air speed	m3/hr	1220 + 300 +300
Worktable height from floor	mm	900
Machine weight	Kg	370

top 35 plus / top 35e plus

Spindles	no.	35
Distance between spindles	mm	32
Spindle speeds	rpm	2800
Max. stroke of boring unit	mm	127
Max. panel width under the "gantry structure"	mm	1.280
Motor power	kW (Hp)	4,4 (6)
Rotation gear motor power	kW (Hp)	0,25 (0,35)
Pneumatic system operating pressure	bar	6
Air consumption	nl/cycle	12
Hydraulic brake stroke	mm	50
Work table height	mm	840
Machine weight	Kg	690

multitech plus

Spindles	no.	21+21	21 +21 +21
Centre distance between spindles	mm	32	32
Spindle speeds	rpm	2800	2800
Max. boring unit stroke	mm	90	90
Max. panel width under the "gantry structure"	mm	1200	1200
Motor power	kW (Hp)	1,1 (1,5)	1,1 (1,5)
Pneumatic system operating pressure	bar	6 - 8	6 - 8
Air consumption	nl/cycle	450	450
Hydraulic brake stroke	mm	50	50
Work table height	mm	910	910
Machine weight	Kg	700	750

multitech 2

multitech 3



The technical data can vary according to the requested machine composition. In this catalogue, machines are shown with options. The company reserves the right to modify technical specifications without prior notice; the modifications do not influence the safety foreseen by the CE Norms

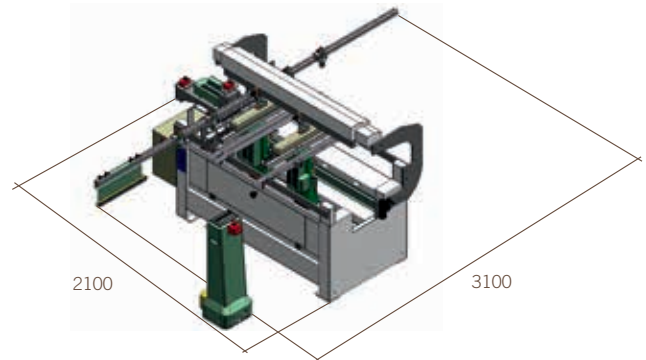
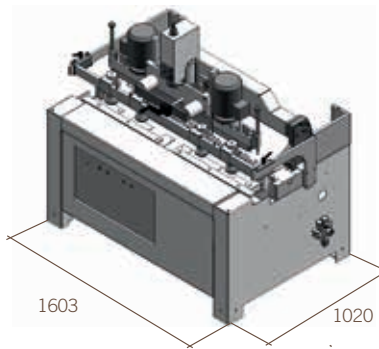
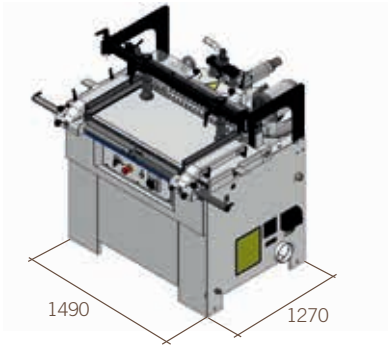


OVERALL DIMENSIONS

startech 27

top 35 plus / top 35e plus

multitech plus



NOISE LEVEL

startech 27 boring machine

Functions: Boring a chipboard panel

		Reference standard	Uncertainty factor K	Boring LAV
Low noise level at operator station – dB (A) and peak level [dB (C)]	Operator station	EN ISO 11202:1995	5,0	85,5 [109,2]
	Input			
LW: Emitted noise level dB(A)		EN ISO 3746:1995	4,0	92,2

The maximum instantaneous noise level pressure is under 130 dB (C)

LAV: in operation

top 35 plus boring machine

Operating conditions: Boring

Reference standard: ISO3744-94 and ISO11201-91

	Equal level LAeq dB (A)	Max. level Lpeak dB
Operator station: no operation	83,3	<130
Operator station: in operation	80,4	<130

multitech plus boring machine

Operating conditions: boring

Reference standard: ISO 3744-94 e ISO 11201-97

	Equal level LAeq dB (A)	Max.level Lpeak dB
Operator station: no operation	86,0	<130
Operator station: in operation	83,7	<130

THE STRONGEST WOOD ARE IN OUR DNA

SCM. A HERITAGE OF SKILLS IN A UNIQUE BRAND

Over 65 years of success gives SCM the centre stage in woodworking technology. This heritage results from bringing together the best know-how in machining and systems for wood-based manufacturing. SCM is present all over the world, brought to you by the widest distribution network in the industry.

65 years history

3 main production sites in Italy

300.000 square metres of production space

17.000 machines manufactured per year

90% export

20 foreign branches

350 agents and dealers

500 support technicians

500 registered patents

In SCM's DNA also strength and solidity of a great Group. The SCM Group is a world leader, manufacturing industrial

SCM GROUP, A HIGHLY SKILLED TEAM EXPERT IN INDUSTRIAL

INDUSTRIAL MACHINERY

Stand-alone machines, integrated systems and services dedicated to processing a wide range of materials.



WOODWORKING TECHNOLOGIES



TECHNOLOGIES FOR PROCESSING
COMPOSITE MATERIALS, ALUMINIUM,
PLASTIC, GLASS, STONE, METAL

TECHNOLOGIES



equipment and components for machining the widest range of materials.

MACHINES AND COMPONENTS

INDUSTRIAL COMPONENTS

Technological components for the Group's machines and systems, for those of third-parties and the machinery industry.

HITECO

SPINDLES AND TECHNOLOGICAL
COMPONENTS

Les

ELECTRIC PANELS

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METALWORK

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woodworking technology

is more