

manual
drilling
machines
startech 27
startech 21



		startech 27	startech 21
Spindles	n.	27	21
Worktable dimensions	mm	1096 x 407	905 x 372
Max. panel width under the "beam" structure	mm	1025	833
Max. tool diameter	mm	40	40
Min. ÷ max. panel thickness	mm	10 ÷ 85	10 ÷ 85
Spindles rotation speed	rpm	2800	2800

Find the complete technical specification at page 15



Drilling Head
perfect finish



Cleaning System
highly effective



Hinges Groups
high-tech accessories

Excellence in manual drilling.

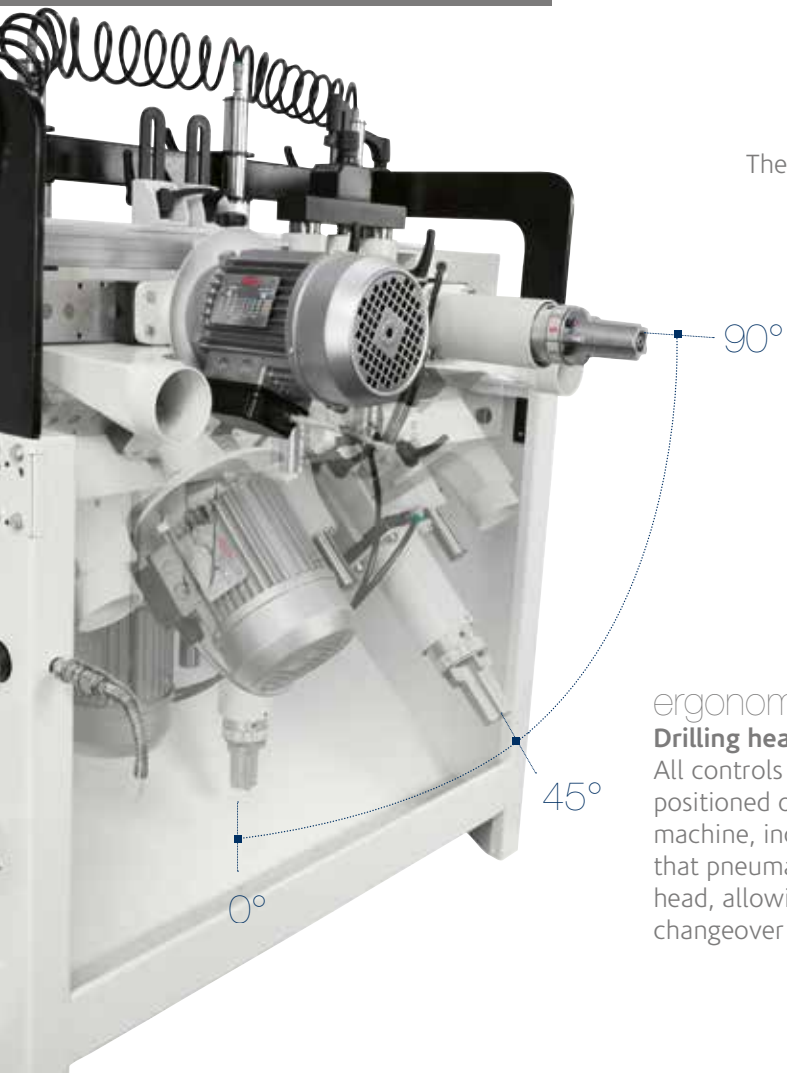
manual drilling machines operating groups

perfect drilling Drilling head

It is made from single-piece aluminium casting, to guarantee absence of vibrations. The drilling group runs on two rectified cylindrical guides which guarantee stability and accuracy. The dust extraction system is incredibly efficient.



The machine is equipped with a mechanical revolver with 5 different drilling depth adjustments.



**ergonomic
Drilling head movement**
All controls are ergonomically positioned on the front of the machine, including the switch that pneumatically tilt the drilling head, allowing an immediate changeover between operations.



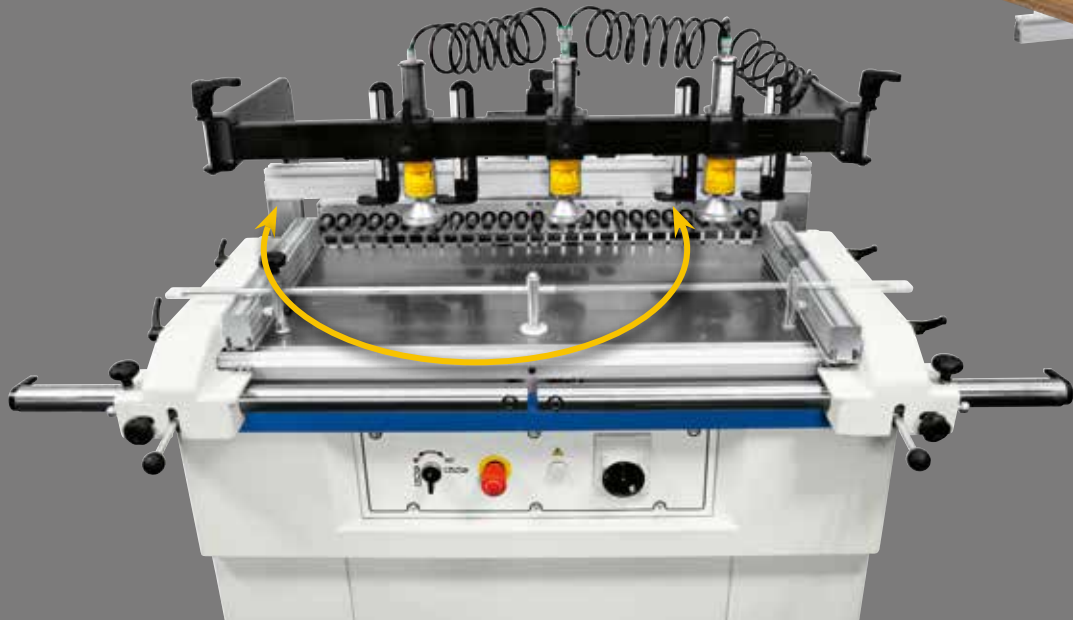
**rapid set-up
Spindles with
quick-release fittings**
Bits replaced quickly and easily.



fast and precise positioning

Mechanical gauge

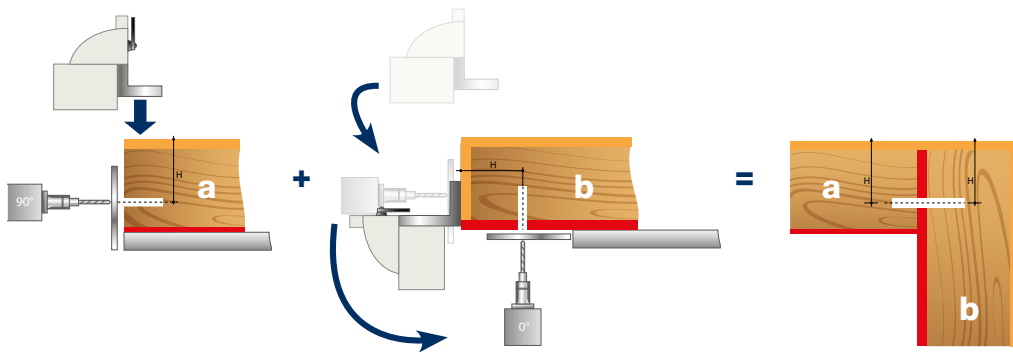
It guarantees fast and precise positioning of the lateral fences.



versatile, with many useful options, intelligent

3000 mm guide

For a perfect drilling even of large panels the machines are equipped with a 3000 mm length lateral guide, millimetered and with reversible stops, quickly installable/removed.



effective

"Invisible" imperfections

The drilling concept of Startech machines allows to obtain an important advantage which can be verified in the cabinet assembly phase: the system uses the outside of the panel (in sight) as a reference and thus **any differences in thickness are always on the inside of the cabinet (non in sight).**

Cast iron guides

with the nonius decimal scale and micrometric guides travel.



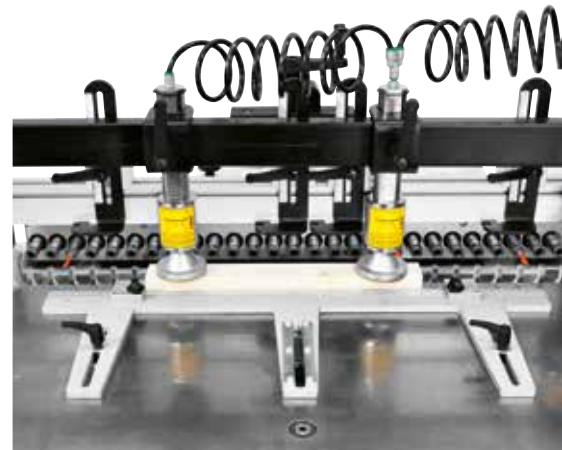
manual drilling machines

main optional
devices



Guide for horizontal drilling at 45°
Simple and effective.

Device for working narrow work-pieces
Easy-to-use.



Groups for hinges
For increased versatility, the quick change chucks can be fitted with various types of bits for different operations, like drilling hinges locations.

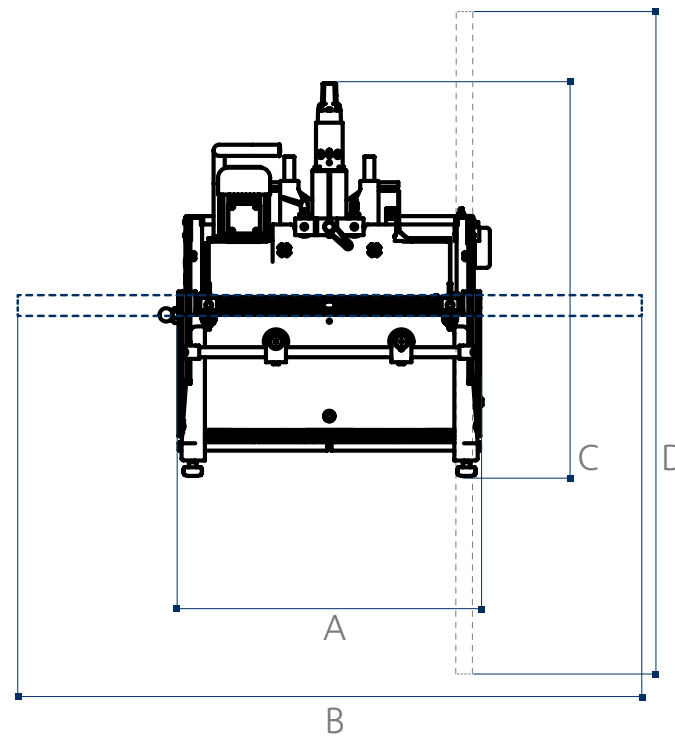


MAIN OPTIONAL DEVICES

	startech 27	startech 21
Pneumatic movement of the drilling head	S	O
Servo-assisted drilling unit down stroke speed adjustment	O	O
Guide for horizontal drilling at 45°	O	O
Device for working narrow work-pieces	O	-
Groups for hinges	O	O

manual drilling machines technical data

- S Standard
- O Option



OVERALL DIMENSIONS		startech 27	startech 21
A	mm	1500	1000
B	mm	3000	3000
C	mm	1260	1150
D	mm	3000	3000

TECHNICAL DATA		startech 27	startech 21
Worktable dimensions	mm	1096 x 407	905 x 372
Worktable height	mm	900	900
Spindles	n.	27	21
Spindles rotation speed (at 50 Hz)	rpm	2800	2800
Distance between spindles	mm	32	32
Maximum drilling inter-axis	mm	832	640
Maximum drilling head stroke	mm	70	70
Maximum horizontal drilling height	mm	60	60
Max. panel width under the "beam" structure	mm	1025	833
Min. ÷ max. panel thickness	mm	10 ÷ 85	10 ÷ 85
Max. tool diameter	mm	40	40
other technical features			
Three-phase motors 1,8 kW (2,5 hp) 50 Hz - 2,2 kW (3 hp) 60 Hz		S	S
Pneumatic system operating pressure	bar	6	6
Compressed air consumption	NI/cycle	3,5	3,5
Exhaust hood diameter:			
- at the base	mm	120	80
- on the drilling head	mm	2 x 80	2 x 80