

drilling machine  
ad 21



*For all  
Drilling  
Requirements.*

		ad 21
Max. panel width under the bridge	mm	833
Worktable dimensions	mm	905 x 372
Worktable height	mm	900
Max. tool diameter	mm	40
Min.-max. panel height	mm	10 ÷ 85
Spindles speed rotation	rpm	2800

*Find the complete technical specification at page 113*



**Drilling Head**  
perfect drilling operation



**Cleaning System**  
very high efficiency



**Group for Hinges**  
high-tech devices

Single-head multi-boring machine with 21 spindles.  
Ideal solution for woodworking shops and  
demanding craftsmen.

# ad 21 operating groups



A perfect vertical, horizontal and at 45° drilling operation.



perfect drilling

## Drilling Head.

Drilling head made from single-piece aluminium casting, to guarantee absence of vibrations. The boring unit runs on two rectified cylindrical guides which guarantee stability and precision. The machine is equipped with a mechanical revolver with 5 different boring depth adjustments. The **new dust extraction system is incredibly efficient**, and leaves the machine surprisingly clean!

The mechanical gauge guarantees fast and precise positioning of the lateral fences.

Bits replaced quickly and easily!  
The machine has 21 quick-change chucks.



All controls are ergonomically positioned on the front of the machine. This includes the switch which sets the boring head at a 45° angle, allowing for an immediate changeover between operations. For perfect boring of large panels, the machine has a long 3000 mm fence with a scale and retractable stops. The fence is quickly mounted and removed easily.



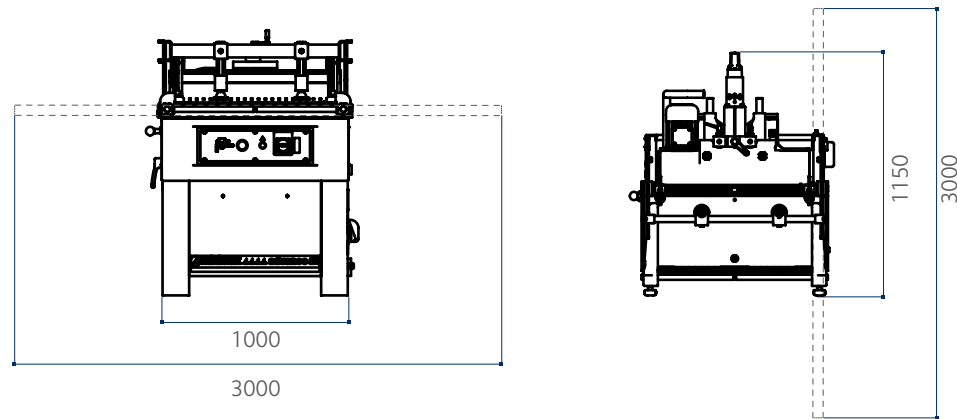
high-tech devices

## Groups for Hinges.

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



# ad 21 dimensions and technical data



		ad 21
Worktable dimensions	mm	905 x 372
Worktable height	mm	900
Spindles number		21
Spindles centre-to-centre	mm	32
Maximum tool diameter	mm	40
Maximum drilling centre-to-centre	mm	640
Max. height of horizontal boring operation	mm	60
Spindle speed	rpm	2800
Min./max. panel thickness	mm	10/85
Max. panel width under the bridge	mm	833
Max. boring head stroke	mm	70
Boring head motor power	kW	1,8
Pneumatic system operating pressure	bar	6
Air consumption	NI/cycle	3,5
Exhaust outlets diameter	mm	80