

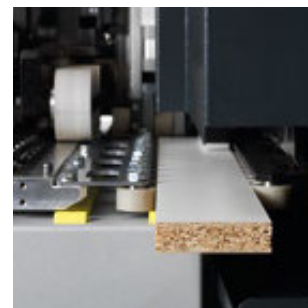
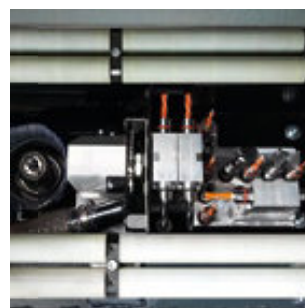
# c-express 920 classic



Complete processing  
of cabinets in  
only 3.4 m<sup>2</sup>

The Format-4 c-express 920 classic CNC drilling and milling machine executes all repeat drilling and simple milling work quickly, economically and precisely. Developed specially for small workshops, the c-express 920 classic offers a sensational price-performance ratio. The uncompromising new release from the Felder Group is profit making CNC productivity in a nutshell. Repeat drilling programs can be recalled and reused at the touch of a button, workpiece after workpiece, order after order. CNC controlled cabinet manufacturing is now profitable for every workshop, regardless of how much free space is available.





The CNC drilling  
and milling head

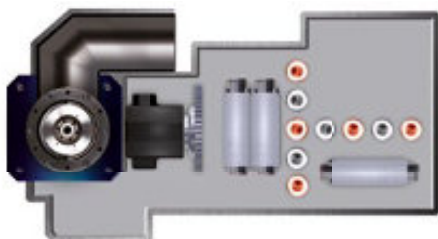
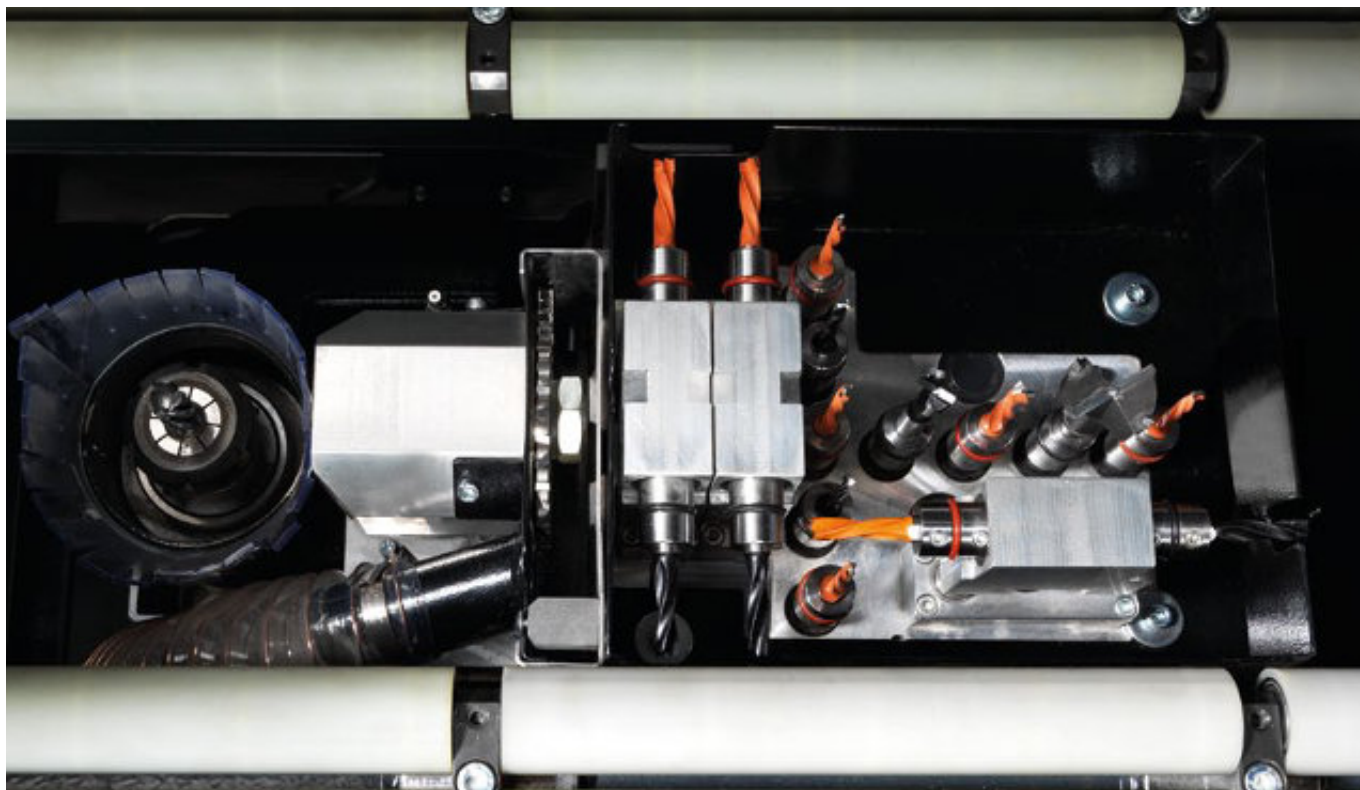
Simplest  
programming  
and operation

Milling of cutouts,  
pockets, grooves  
and rebates

Workpiece width  
from 70-180 mm

Workpiece transport

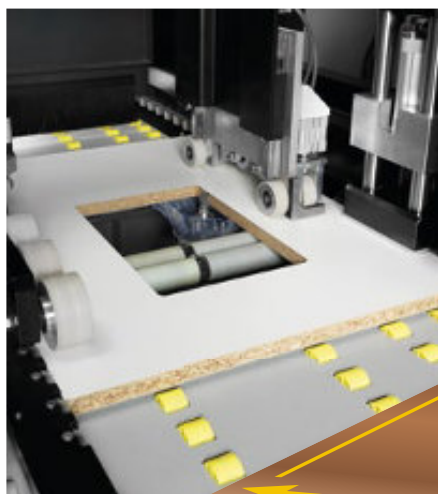
Freely positionable  
hand terminal



## The CNC drilling and milling head

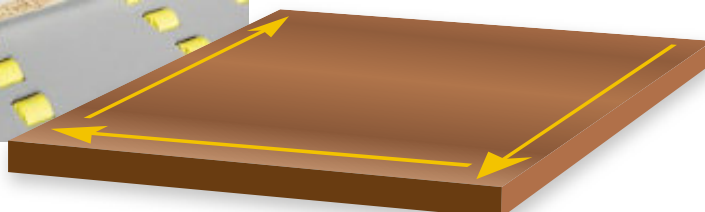
The c-express 920 classic is equipped with a DH15 6H 1S drilling head as standard. The 15 spindles can be individually equipped as required for the processes to be carried out. The grooving saw is equipped with a scoring function and enables chip free cutting of rear walls or constructions joints.

- 9 vertical spindles
- 6 horizontal spindles
- 1 grooving saw blade in the X direction



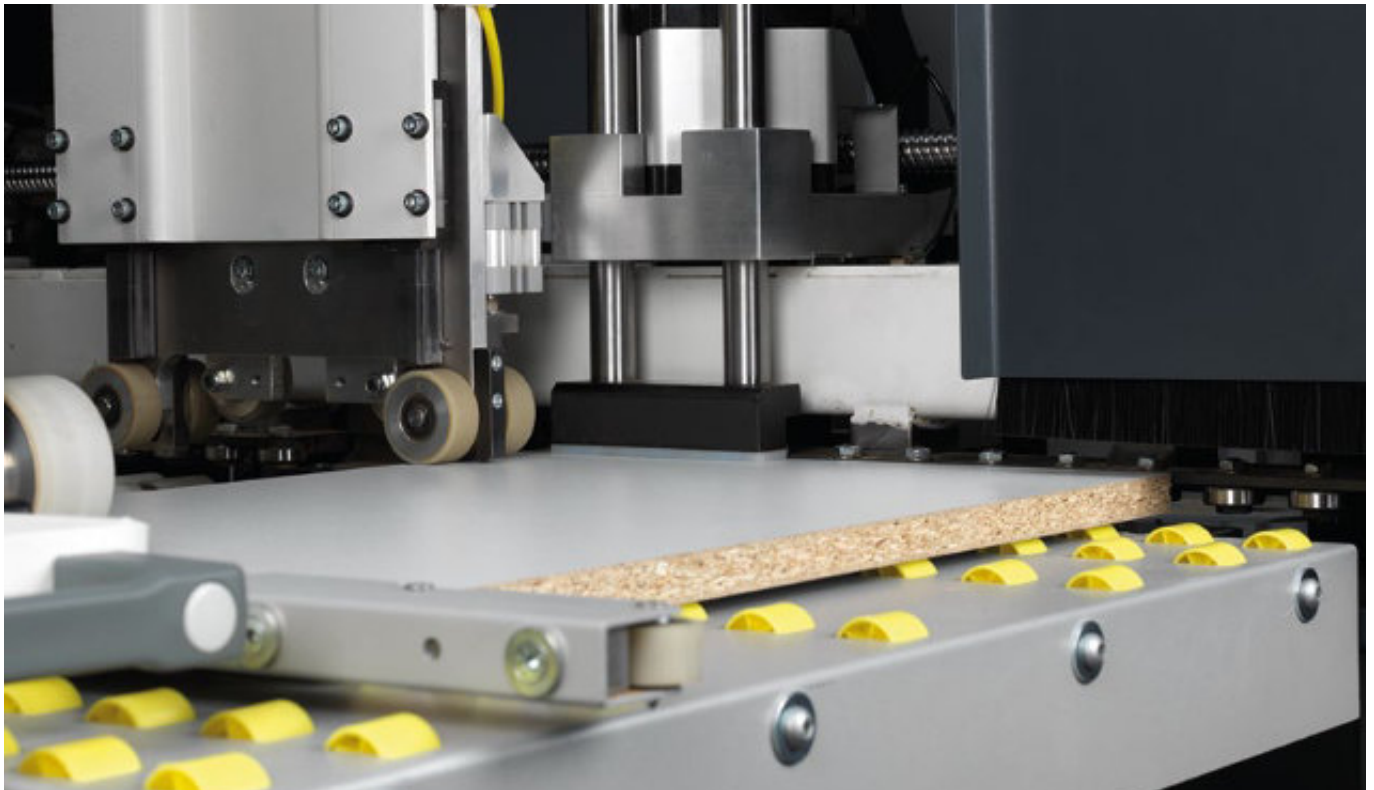
## Milling spindle

One of the equipment options on the machine is the milling aggregate. The tool is clamped using an ER32 chuck. Changing of the tool is carried out manually. This milling spindle is used for the routing of cutouts, pockets, grooves and rebates in the workpiece.



## Milling

The milling unit can be used for 3 sided formatting cuts as well as for making cutouts in panels, as long as the workpiece keeps its right angled shape along the outer edge.



## Workpiece transport

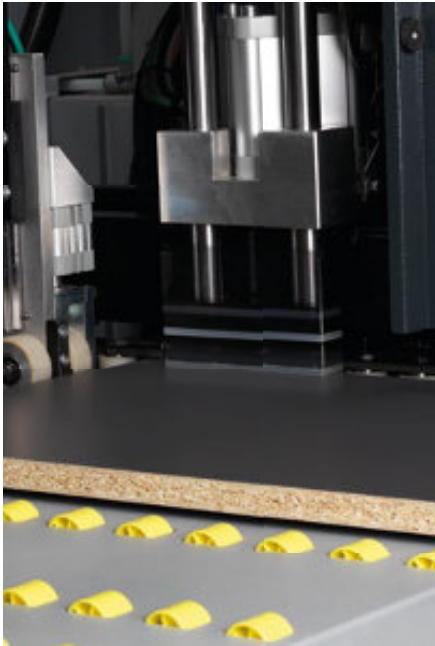
The horizontally designed transport system ensures the smooth transport and accurate positioning of workpieces of up to 30 kg in weight, allowing them to be processed from below by the aggregates. This design of the clamp transport system allows the workpieces to be fed in horizontally. This method of workpiece processing prevents the workpieces being moved or burnt by the tooling. The fence positioned on the side allows the width of the workpiece to be set at any value up to 920 mm. The workpiece is then supported and guided from both sides guaranteeing a highly precise result.



## Workpiece widths 70-180 mm

An extra attachment for narrower workpieces enables the exact processing of workpieces of between 70–180 mm in width.





## Roller pressure device

When processing very wide or thin workpieces the pressure device guarantees an exact processing depth.



## Additional work tables

Additional tables at holding and removal side optional.



## Measuring technique

The use of the most modern measuring technology guarantees precise measuring of the dimensions. A laser and encoder measuring system are used to measure the exact length of the workpiece. This is of particular importance when it comes to construction connections for cabinets, ensuring that there is no overhang between the panels.



## Additional vertical clamp

ideal for the improved processing of longer workpieces.

## Simple programming and operation

The controls of the Format-4 have been specially developed for woodworking machines for drilling, milling and sawing. Operation of the machine is carried out using a graphical user interface (self-explanatory diagram display). The programming software "Wood-Flash" makes it very simple and quick to program workpieces. All operations to be carried out on the workpiece are clearly displayed on the 19" LCD colour display. As an option it is possible to link the machine with the cabinet programming software "Flash 3D", that guarantees an even more rational processing of your customer orders.



## Pressure setting of the clamps

In order to achieve an optimal result even when processing sensitive surfaces. Maximum adjustable pressure up to 100 kg.



## Freely positionable hand terminal

The working process is simplified as the hand terminal can be positioned as required. It is always there, where it is needed.

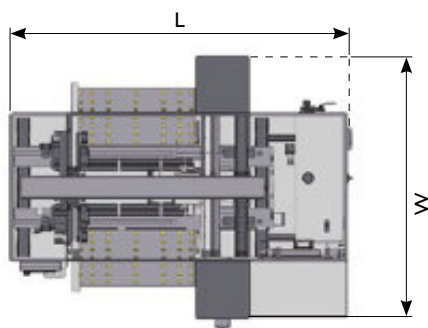


## Unload the workpiece from the rear

This function allows the operator to program the machine to feed the workpiece out to the rear when finished. This system allows the c-express 920 classic to be used in a production line. Selecting the unloading direction is easy to do, using a selection switch.

## Space requirement

Scale  
1:50



Symbolic image c-express 920 classic

Working areas	max.	Min.
X	3,000 mm	280 mm
Y	920 mm	70 mm
Z (Clamping range)	50 mm	10 mm

	c-express 920 classic
Height [H]	1,950 mm
Length [L]	2,100 mm
Width [W]	1,605 mm
Weight (depending on equipment, without packaging)	850 kg

*Dimensions given can vary if special options are selected*