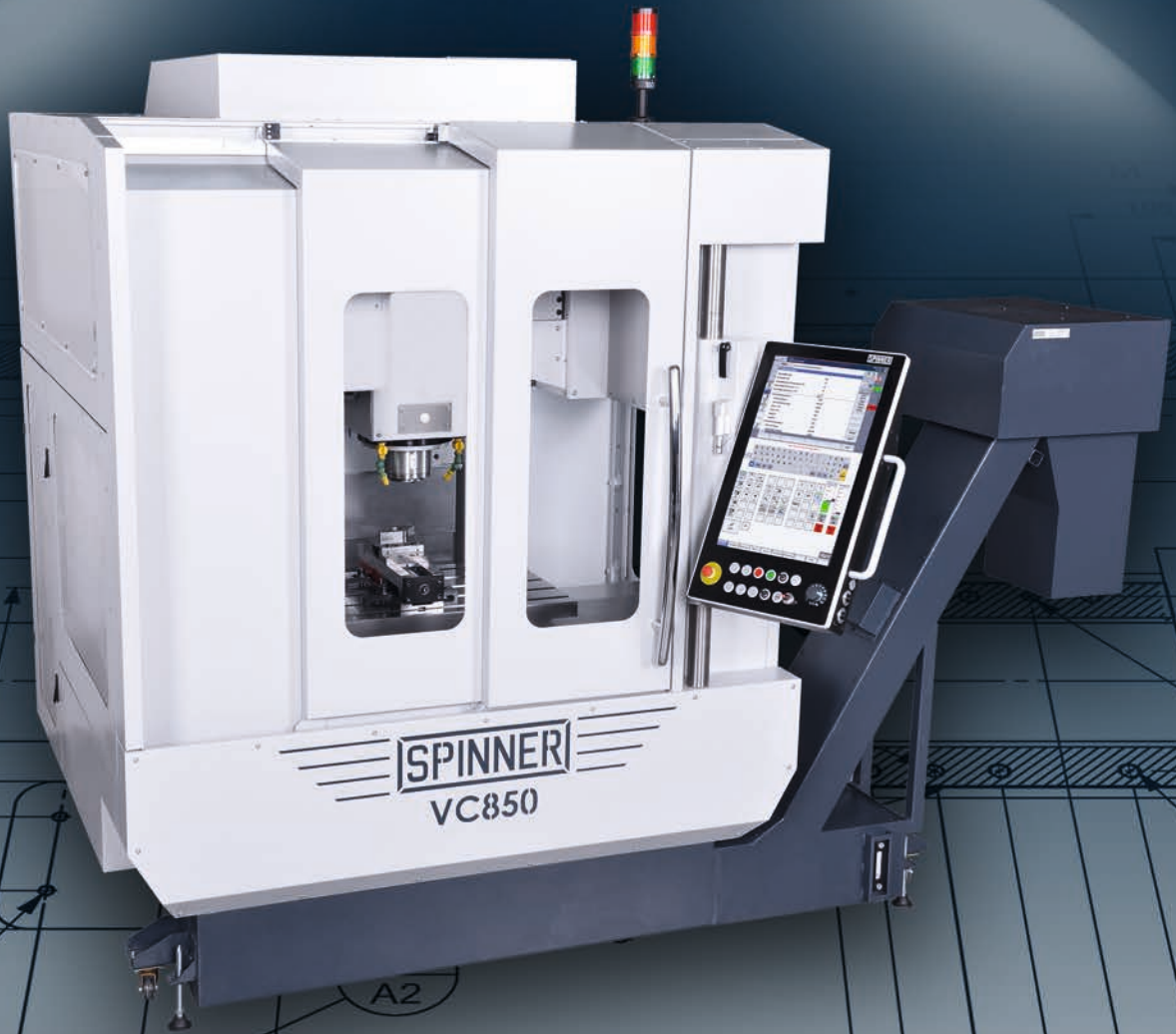


# SPINNER

# VC850



Performance Machining Centre



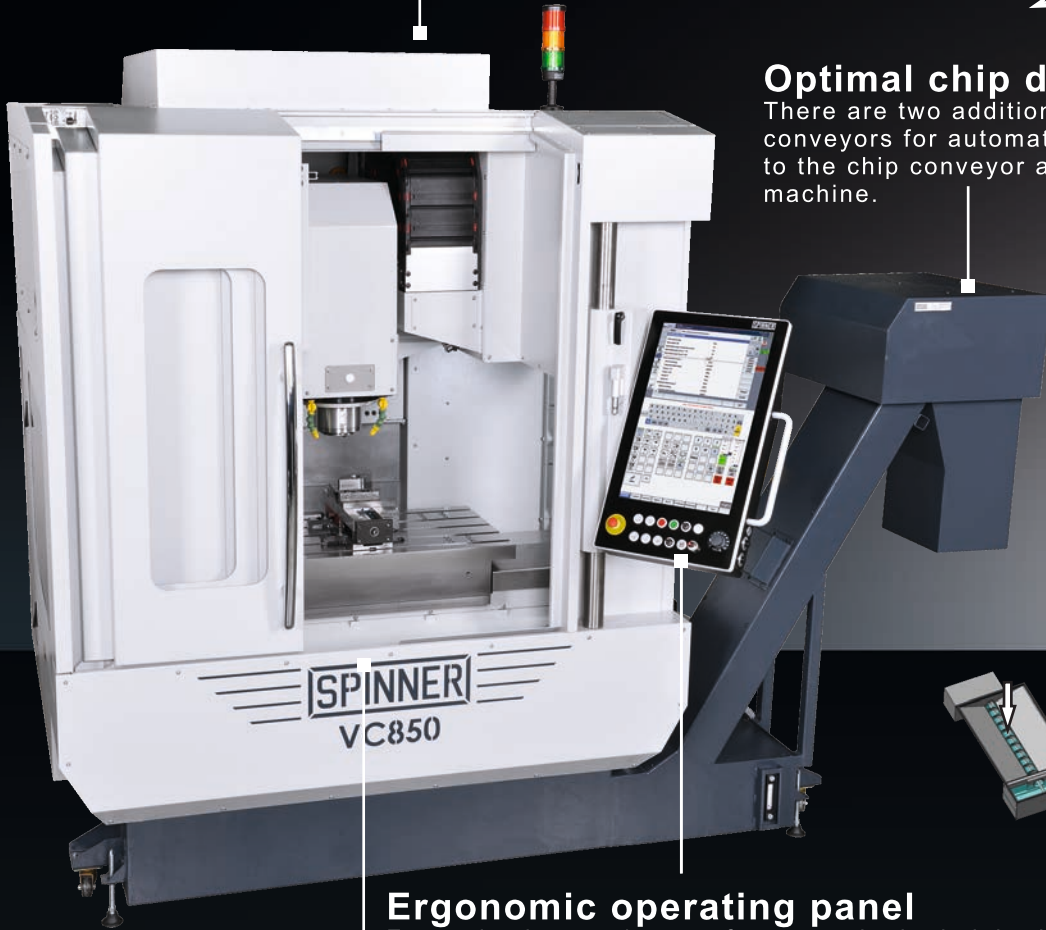
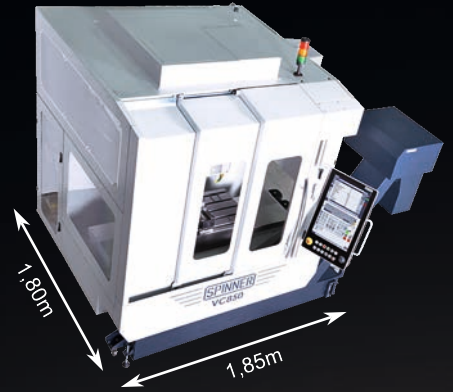
Mechanical Engineering  
**Made in Europe**

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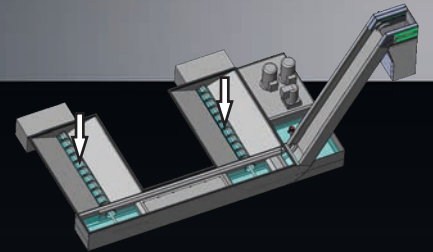
## Compact dimensions

By means of an innovative guideway cover concept the required floor space is up to 30% lower than for similar machines of the same working area.



## Optimal chip disposal

There are two additional worm conveyors for automatic chip delivery to the chip conveyor at the front of the machine.



## Small distance to the working table

The distance between the operator and the working table is only 160mm. This facilitates the easy loading.



## Ergonomic operating panel

For optimal operating comfort not only the height, but also the angle of the operating panel can be adapted to the operator. In addition, the control panel can be swivelled. Siemens with 24-inch SPINNER Touch screen



**Heidenhain TNC640**  
With 19" Touch screen



**Heidenhain TNC620**  
With 19" Touch screen



**Fanuc 0i-F Plus**  
With 15" Touch screen

Powerful  
Dynamic  
Ergonomic  
Compact  
Made in Europe

## High spindle speeds

12.000 rpm  
15.000 rpm  
18.000 rpm

## Large tool magazine

32 or optionally 48 tools are available.

## Cast structure

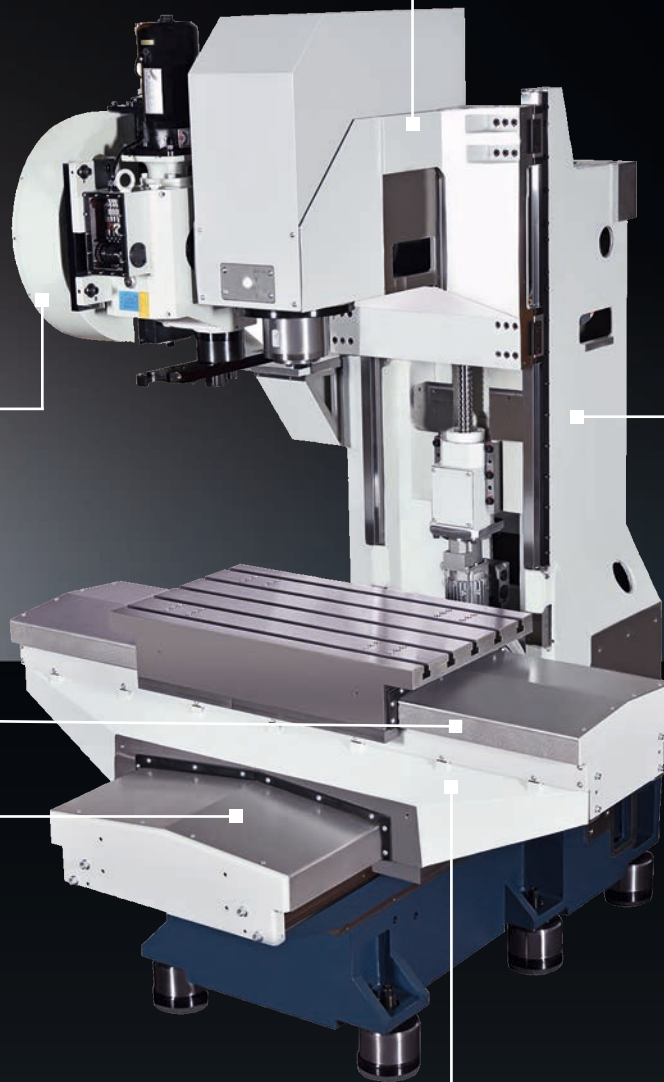
A heavy cast structure optimised by the FEM method ensures high rigidity and high cutting performance.

## Patented guideway cover concept

With respectively only one wiper in X/Y for best guideway protection and easy maintenance instead of vulnerable cover elements.

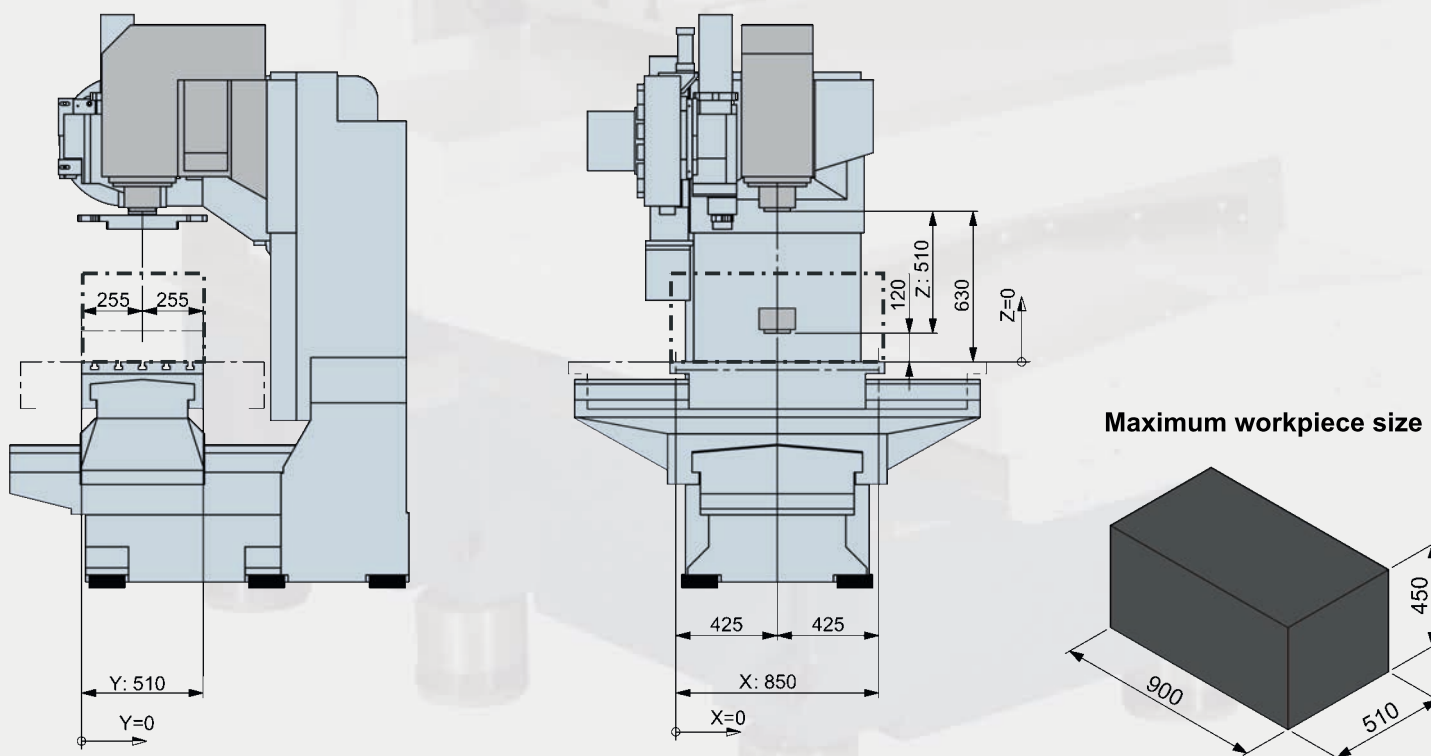
## Large ballscrews

All ballscrews are supported on both sides.



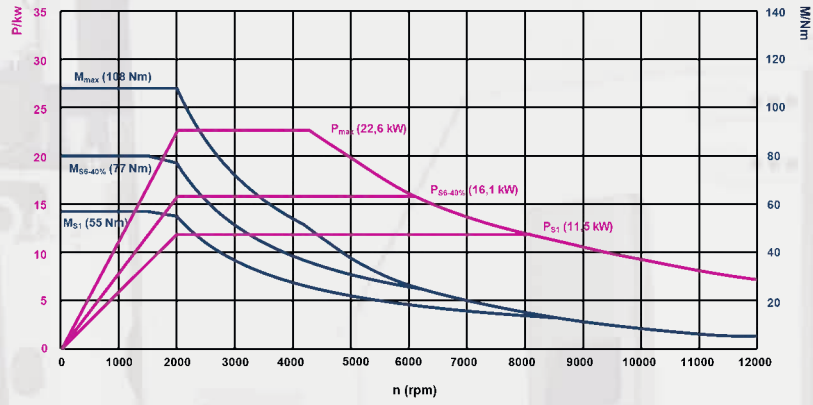
Working area				
X axis	850 mm (32.09")			
Y axis	510 mm (20.28")			
Z axis	510 mm (20.28")			
Min. distance spindle nose - table	120 mm (4.72")			
Max. distance spindle nose - table	630 mm (24.80")			
Machining table				
Table dimensions	900 x 510 mm (35.43" x 20.28")			
Max. table load	500 kg (1,102.31 lbs)			
T slots	6x 18H7			
Axes				
Feed / Rapid traverse	40 m/min (1,574.80 IPM)			
Spindle		Hybrid-Spindle		Inline-Spindle
Max. spindle speed	12,000 rpm	18,000 rpm	12,000 rpm	15,000 rpm
Tool taper	SK40	HSK63	SK40	SK40
Performance	22,6/11,5 kW (max/S1)	20,7/10,8 kW (max/S1)	15,2 kW (max)	15,2 kW (max)
Torque	108/55 Nm (max/S1)	66/34 Nm (max/S1)	97 Nm (max)	97 Nm (max)
Tool magazine				
Number of tool stations	32 +1 (optional 48 +1)			
Max. tool diameter	75 mm (2.95")			
In case of free adjacent tool stations	125 mm (4.92")	100 mm (3.94")	130 mm (5.11")	120 mm (4.72")
Max. tool length	300 mm (11.81")			
Max. tool weight	7 kg (15.43 lbs)			
General indications				
Dimensions (L x W x H) <sup>1)</sup>	1,850 x 1,800 x 2,420 mm (72.83" x 70.87" x 95.28")			
Weight <sup>2)</sup>	approx. 4,500 kg (9,920.80 lbs)			

1) See floorplan; 2) Without options, Without chip conveyor

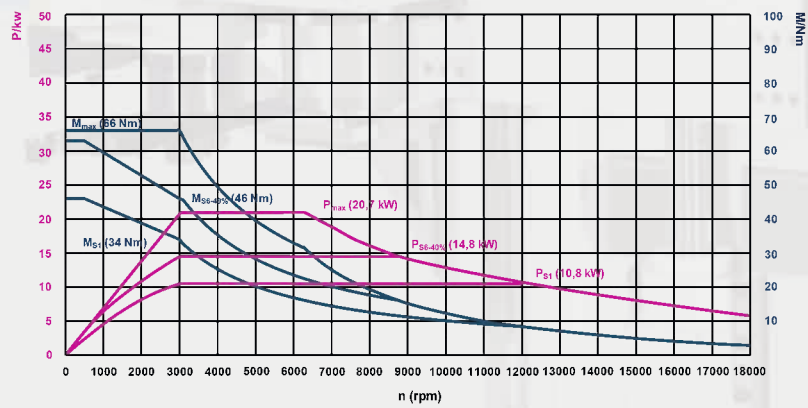


Hybrid-Spindle

12,000 rpm

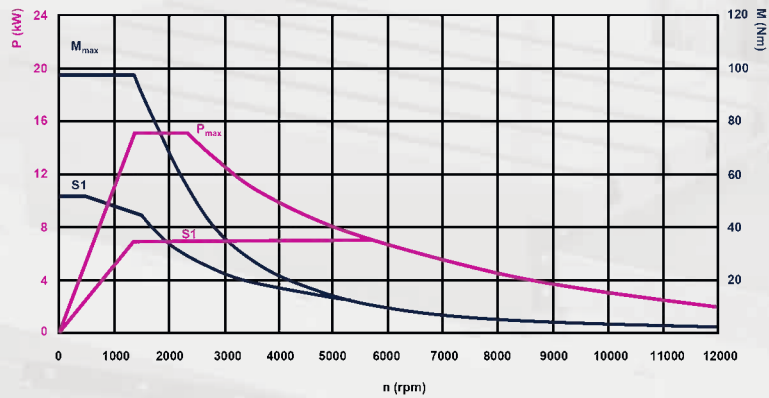


18,000 rpm

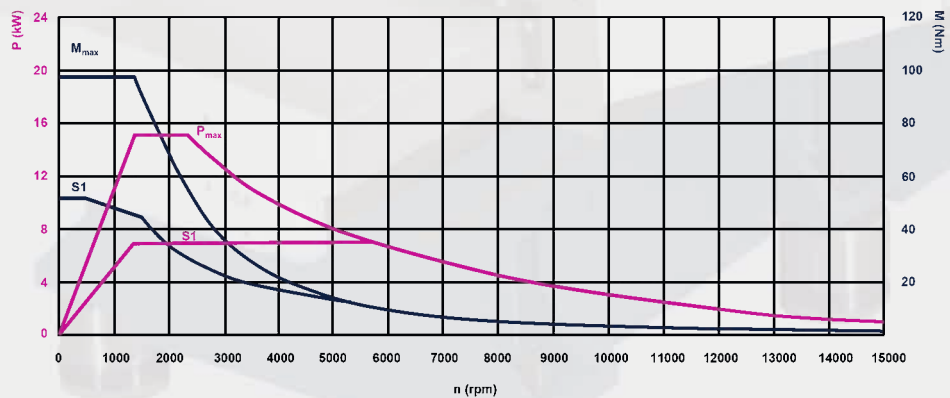


Inline-Spindle

12,000 rpm

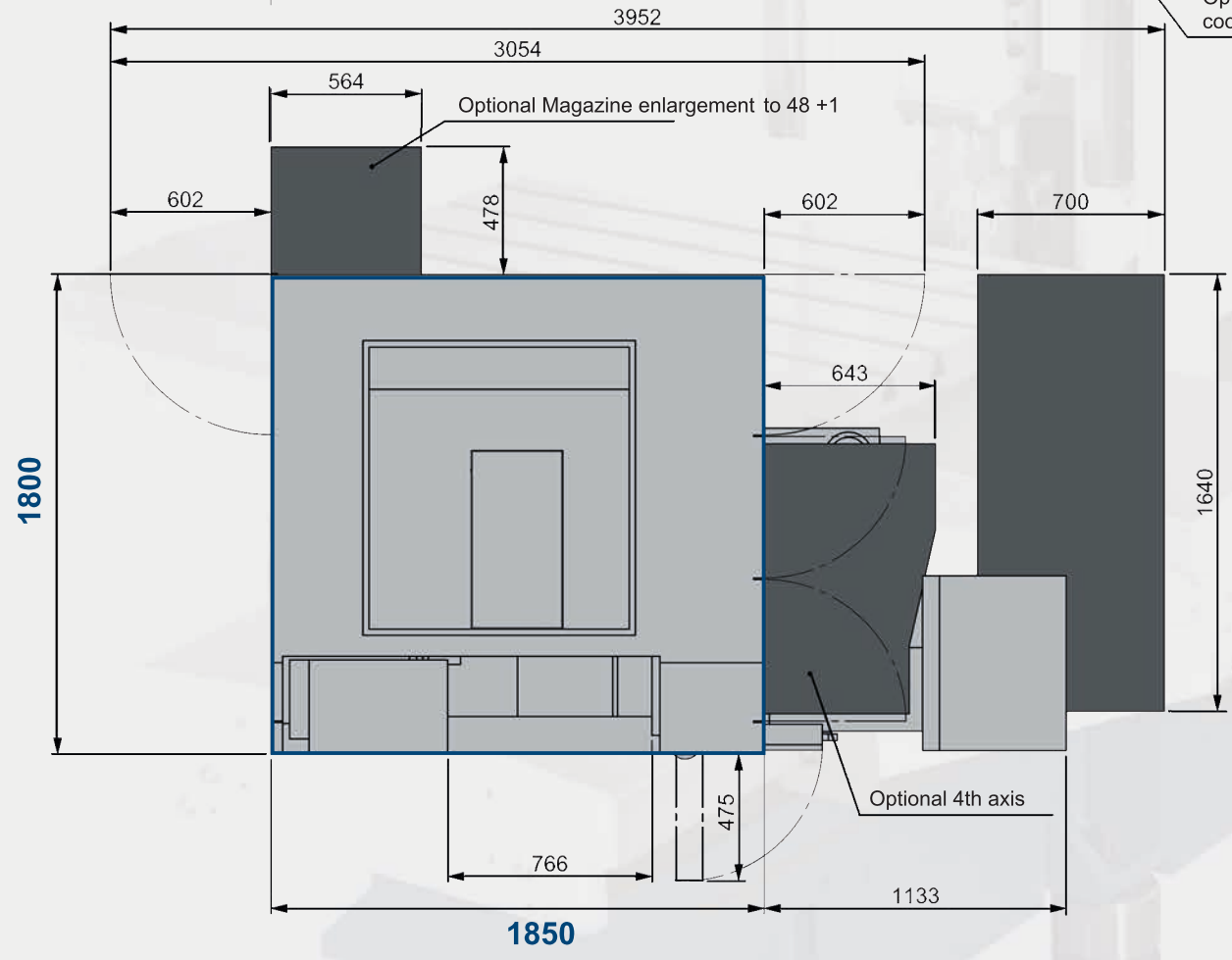
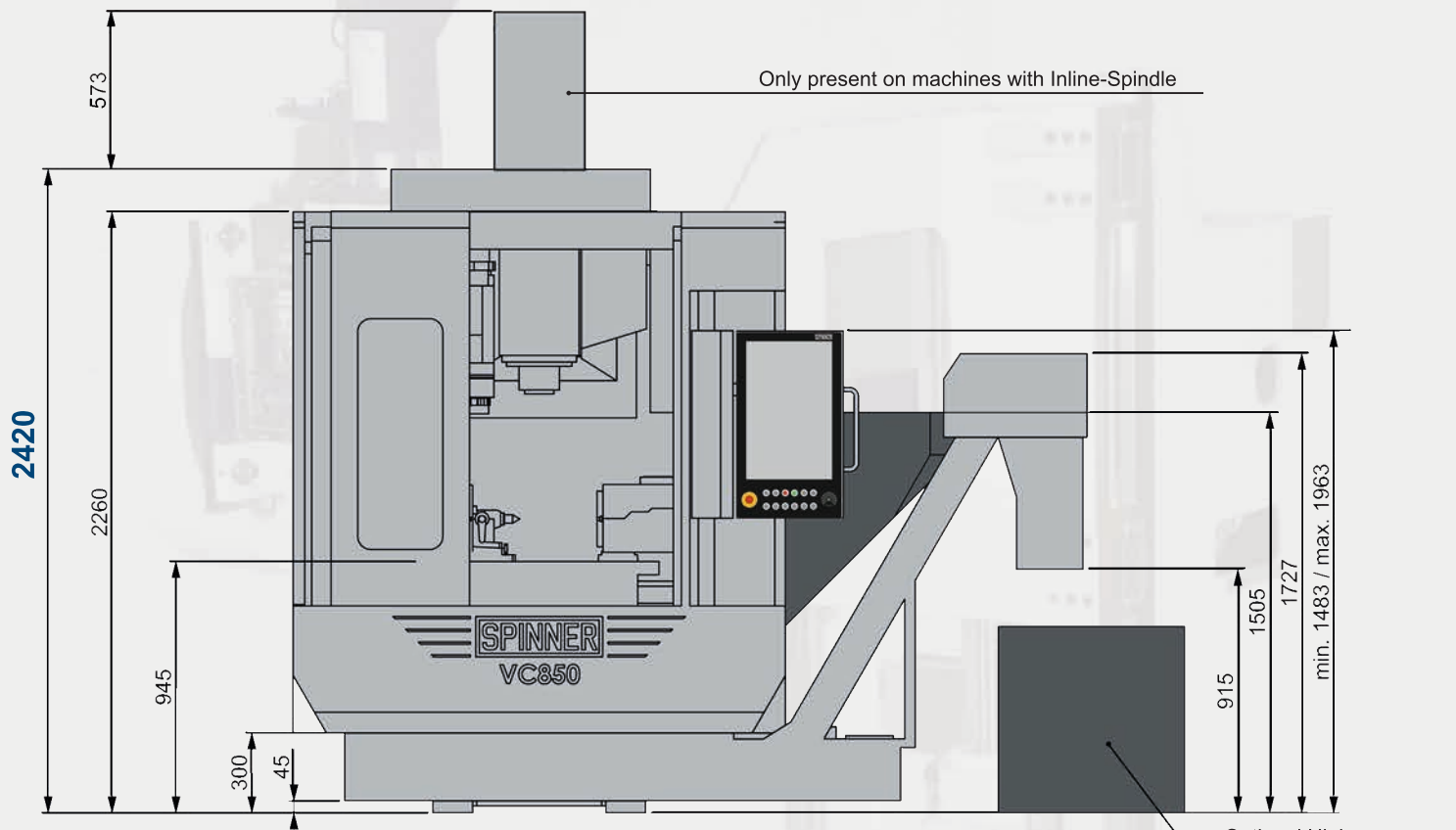


15,000 rpm





Other options on demand



Compact dimensions for low space requirement

Option



Werkzeugmaschinenfabrik GmbH



Spinner Machine-Tools are working successfully world wide with many well known clients in more than 60 countries on 6 continents. We have been fortunate enough to attract small component suppliers in addition to well known global groups in all metal machining industries.

We have designed and produced the most modern machine-tools since 1950. More than 20.000 delivered machines demonstrate their high efficiency, precision and reliability, everyday.

Although Spinner is a medium-sized enterprise we produce and sell more than 1.000 CNC machines a year. And the number is increasing every year. Our company combines the know-how of a global player with the flexibility and cost-effective structures of a family owned business.

Place your trust in our products as well and let us know what we can do for you.



Video

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Technical changes of specifications and pictures are subject to change without notice - Pictures can include options, accessories