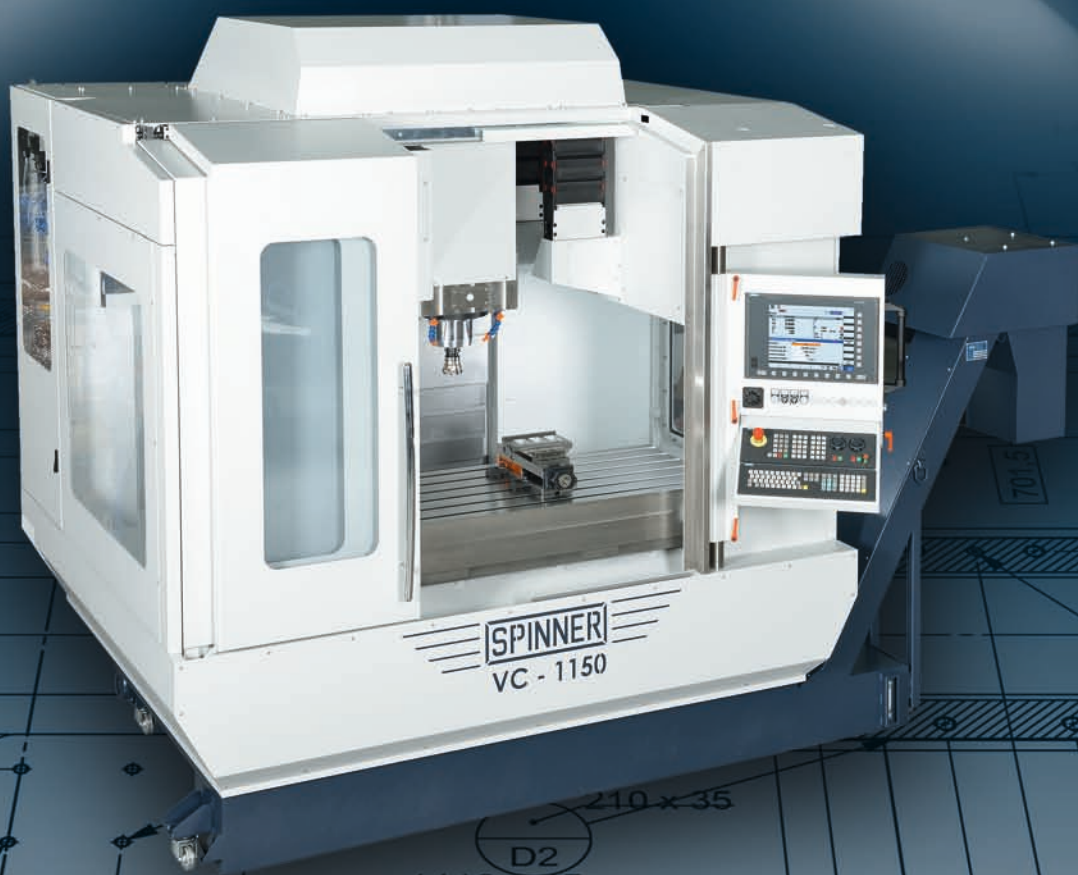


SPINNER

VC1150

Performance Machining Centre



Mechanical Engineering

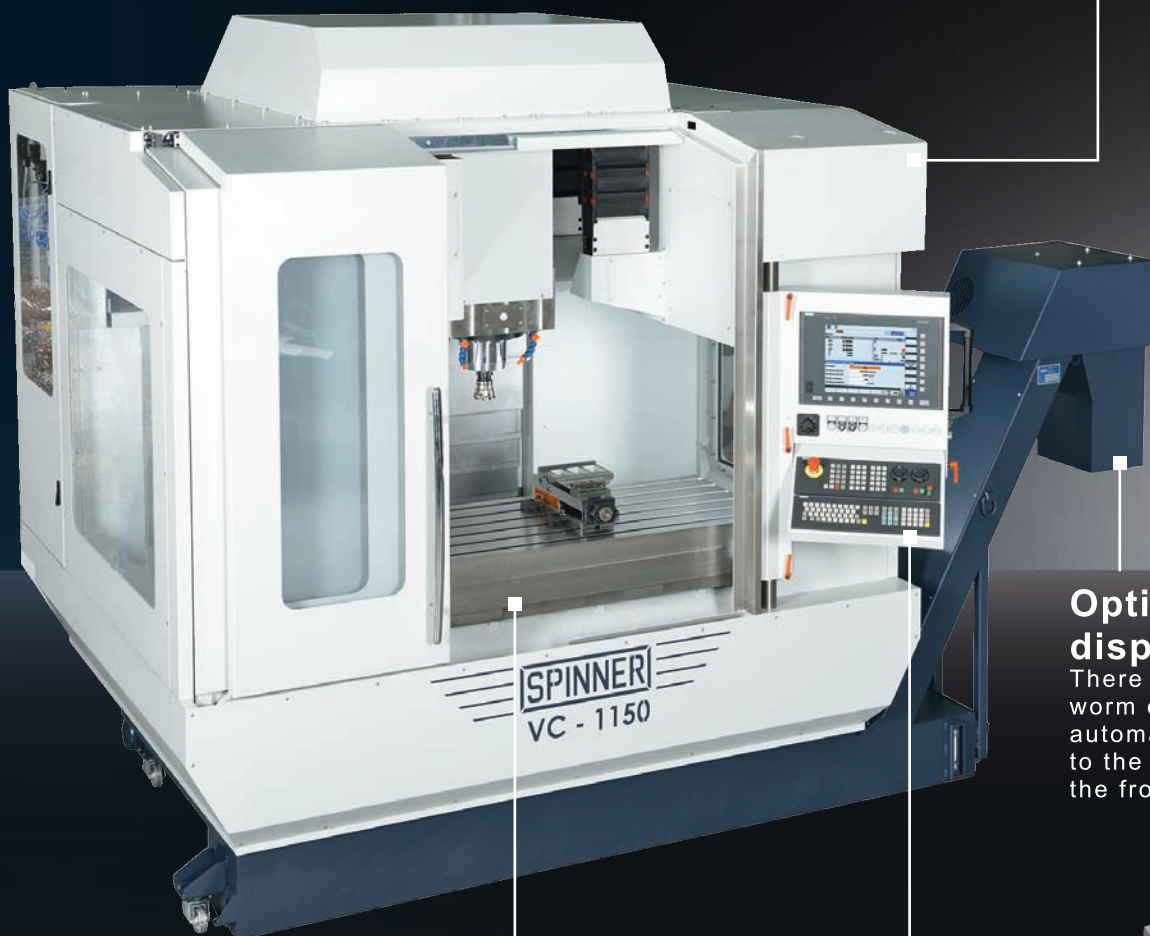
Made in Germany

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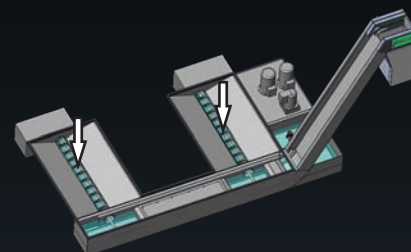
Compact dimensions

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 200mm. This facilitates the easy loading.



Powerful
Dynamic
Ergonomic
Compact
Made in Germany

For each application the most suitable spindle

You have the choice of four spindle versions either with high torque of 390 Nm for heavy machining operations or with high speeds up to 18.000 1/min for high speed cutting.

Large tool magazine

32 or optionally 60 tools are available.

Innovative guideway cover concept

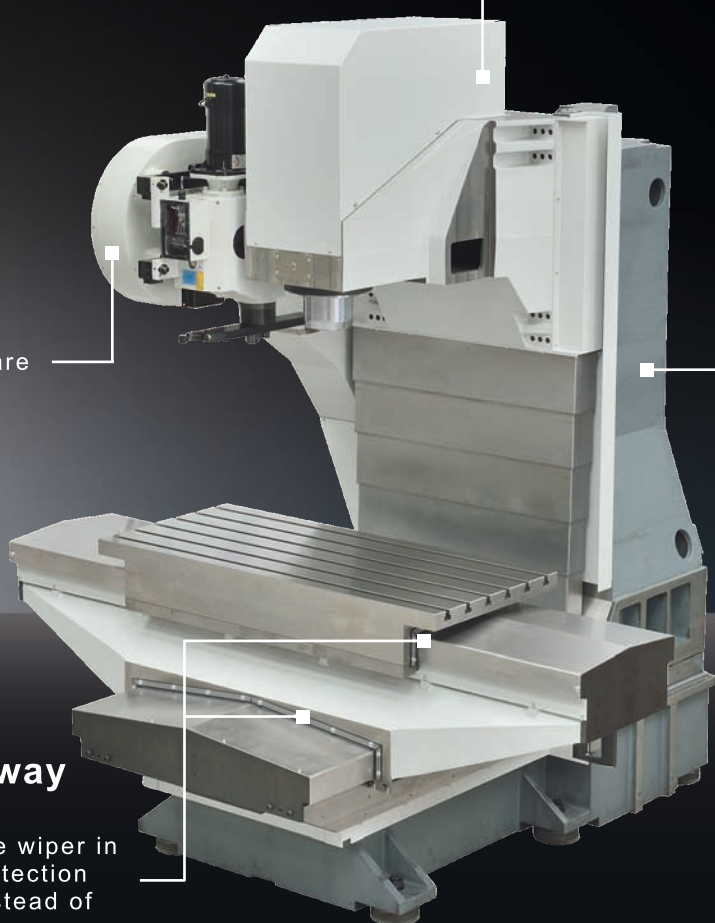
With respectively only one wiper in X/Y for best guideway protection and easy maintenance instead of vulnerable cover elements.

Cast structure

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

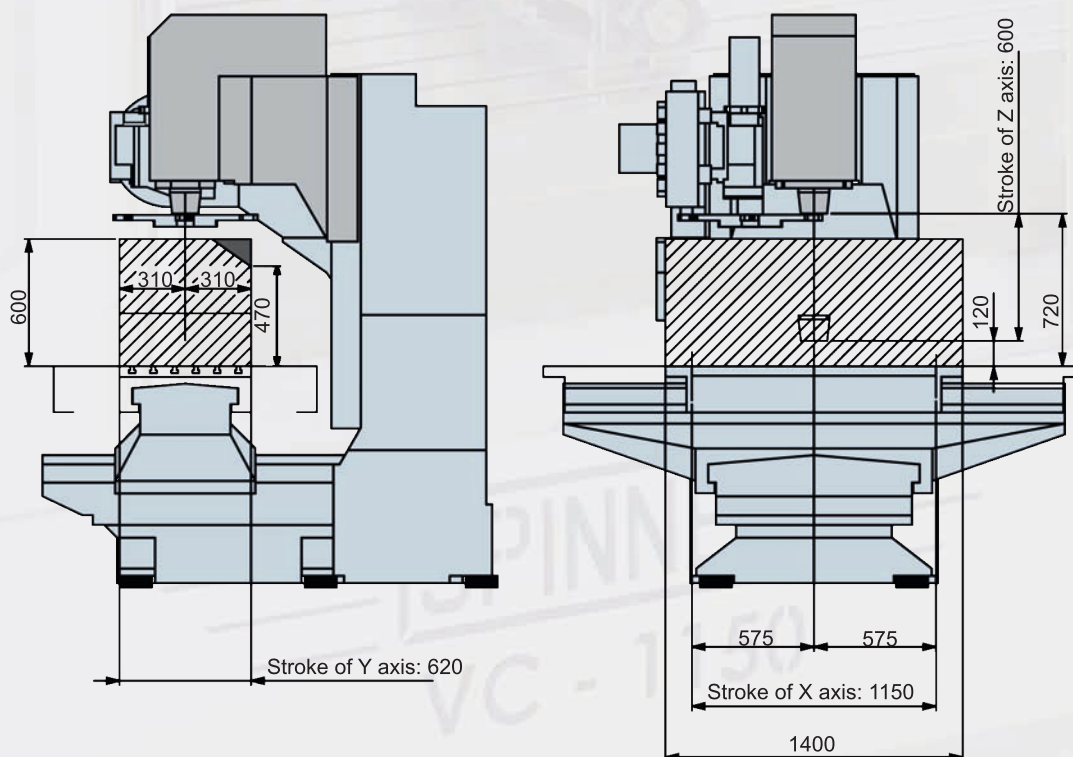
Ergonomic operating panel

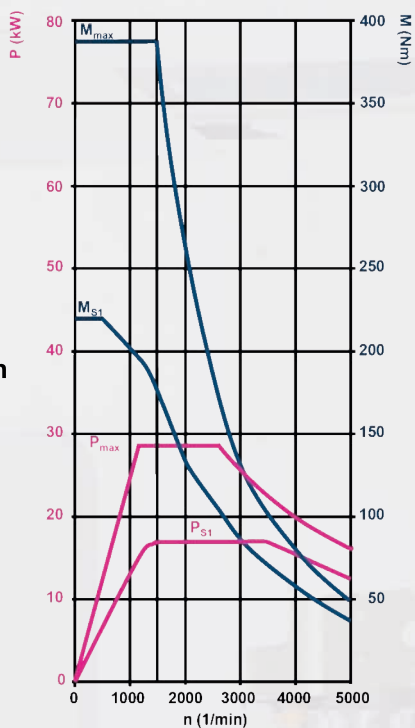
For optimal operating comfort not only the height, but also the angle of the keyboard for the operating panel can be adapted to the operator.



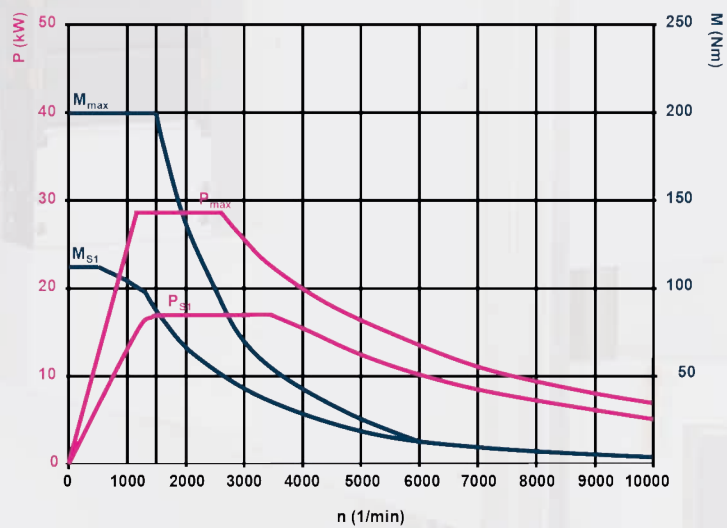
Working area				
X axis	1150 mm			
Y axis	620 mm			
Z axis	600 mm			
Min. distance spindle nose - table	120 mm			
Max. distance spindle nose - table	720 mm			
Machining table				
Table dimensions	1400 x 620 mm			
Max. table load	750 - 1500 kg			
T slots	6x 18H7			
Axes				
Feed / Rapid traverse	48 m/min			
Spindle				
Max. spindle speed	5.000 1/min	10.000 1/min	14.000 1/min	18.000 1/min
Tool taper	SK40	SK40	SK40	HSK63
Performance	29 kW (P _{max})	29 kW (P _{max})	22 kW (S6 25%)	35 kW (S6 25%)
Torque	390 Nm (M _{max})	200 Nm (M _{max})	117 Nm (S6 25%)	130 Nm (S6 25%)
Tool magazine				
Number of tool stations	32 +1 (optional 60 +1)			32 +1
Max. tool diameter	75 mm			
In case of free adjacent tool stations	125 mm			75 mm
Max. tool length	400 mm			
Max. tool weight	7 kg			
General indications				
Dimensions (L x W x H) *	2650 x 2270 x 2700 mm			
Weight	ca. 8.300 kg			

* See floorplan

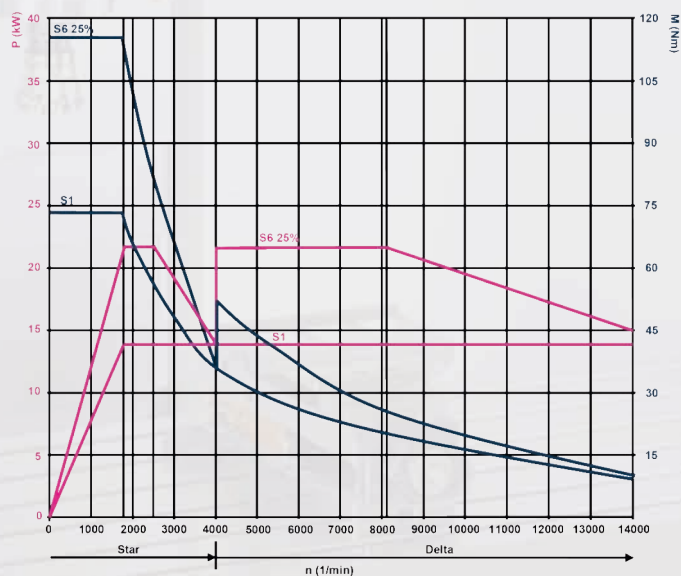




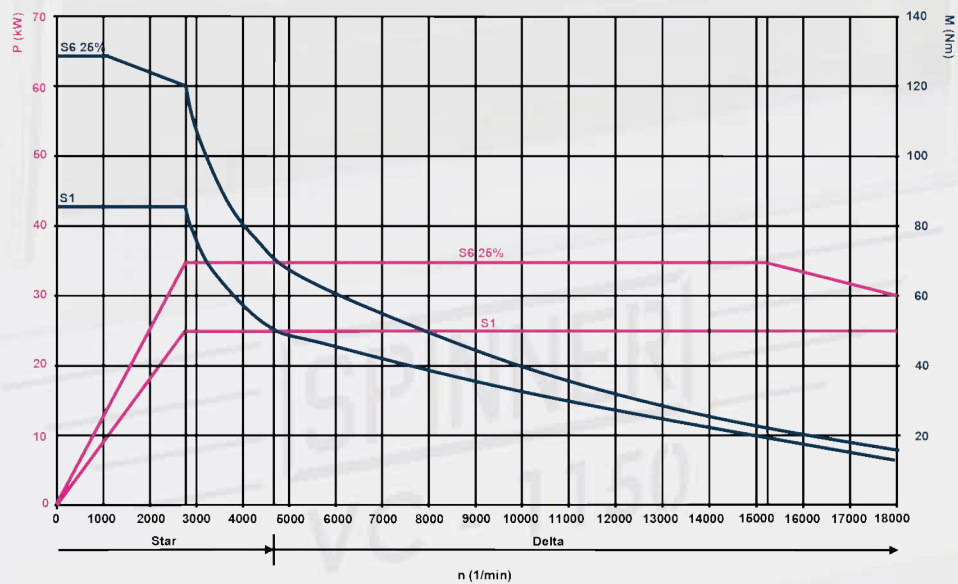
10.000 1/min



14.000 1/min



18.000 1/min



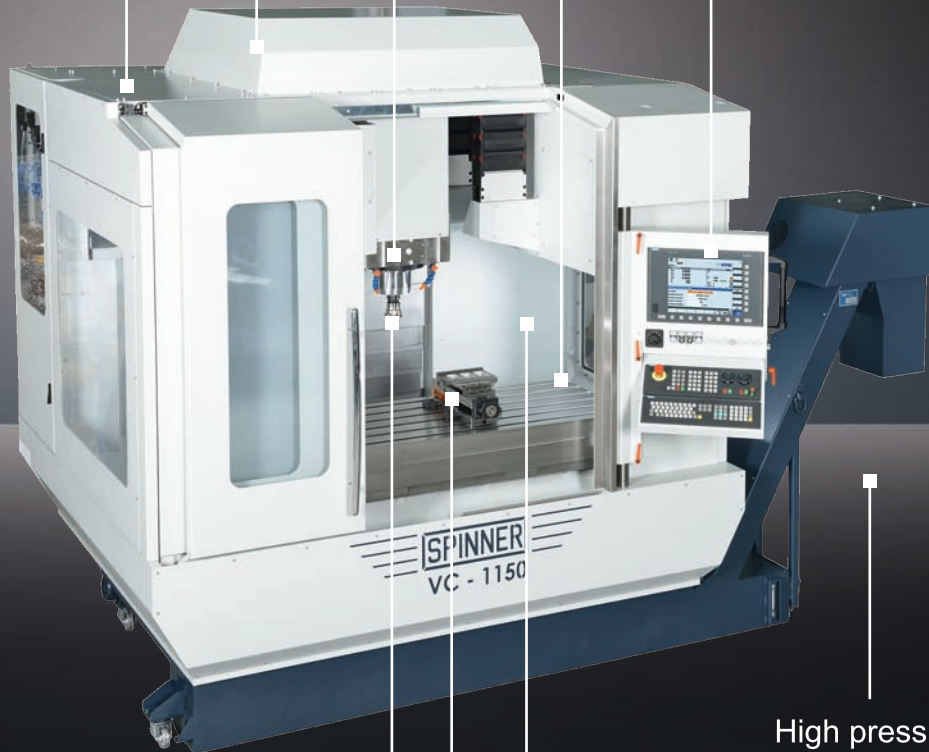
5.000 or 10.000 1/min
14.000 or 18.000 1/min

Suction unit for
coolant mist

Magazine enlargement
to 60 +1

Rotary table

Siemens 840D SolutionLine
Heidenhain TNC620/TNC640
Fanuc



Tool packages

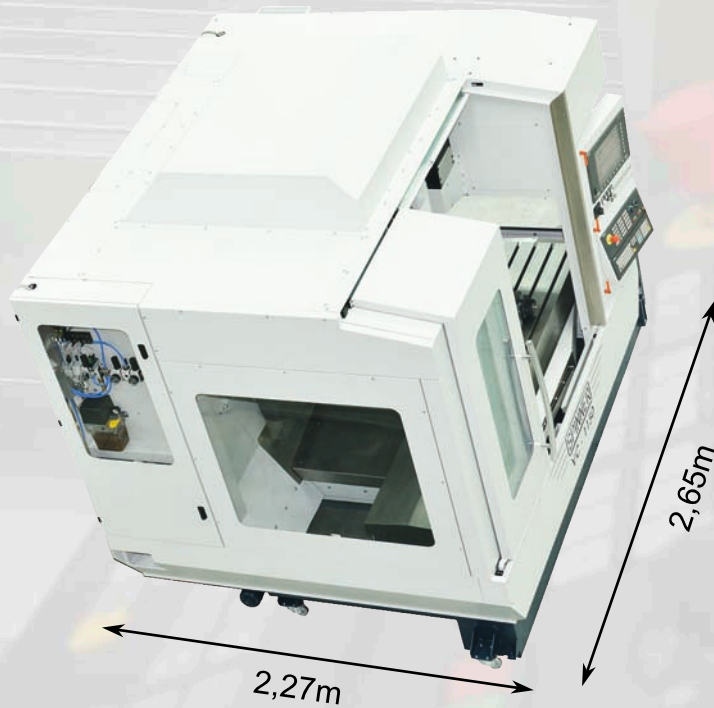
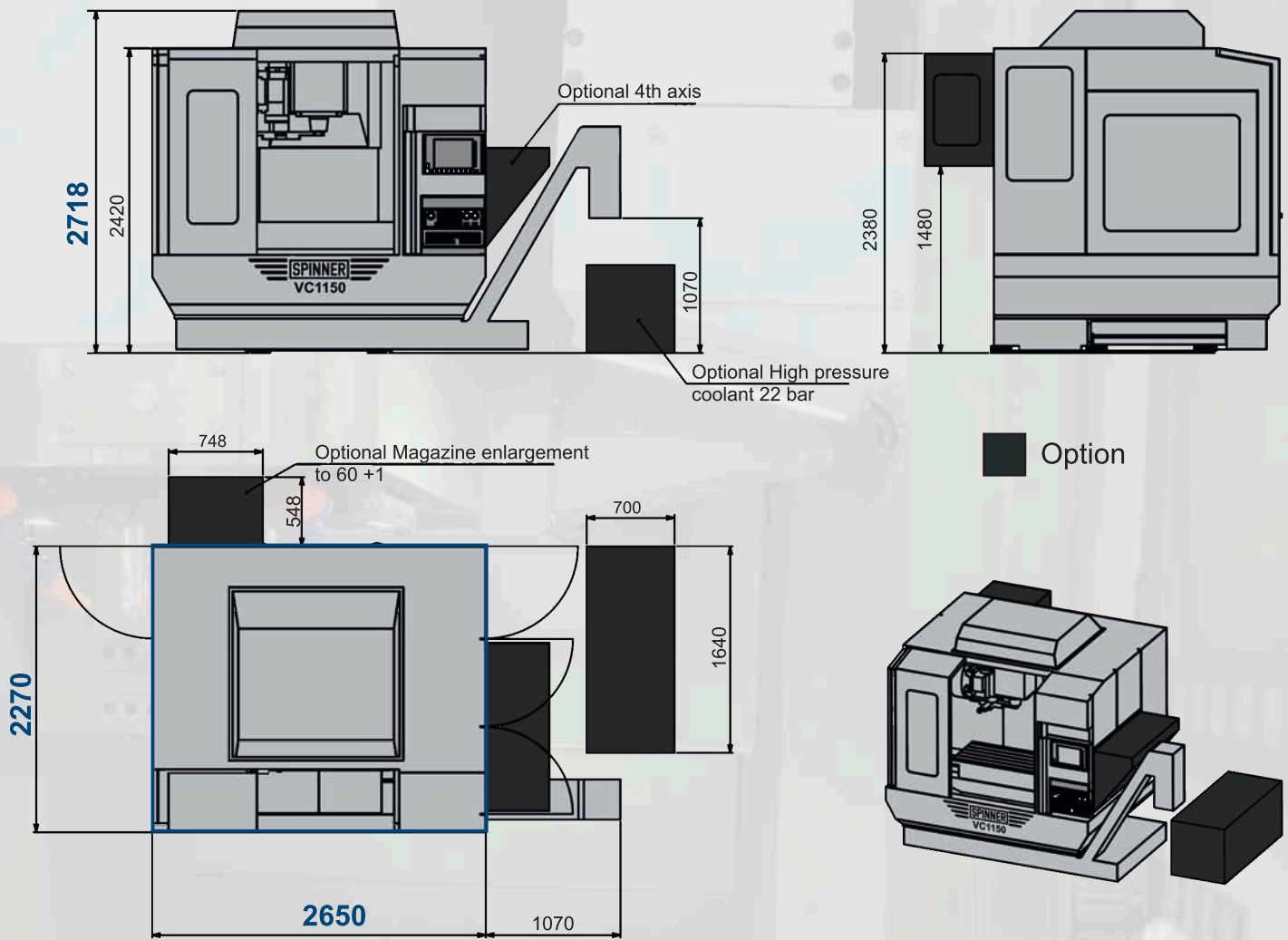
High pressure coolant 22
bar or 70 bar

Clamping system
for the workpiece

Workpiece measurement
Tool measurement

Coolant pistol in
the working area

Glass scales





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