

# SPINNER

# VC450

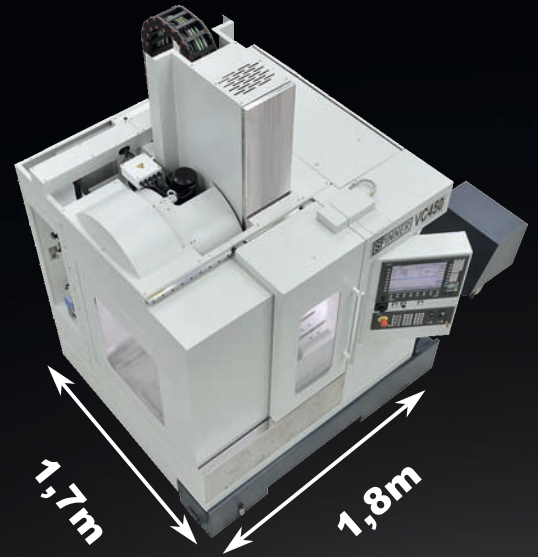
Performance Machining Centre



# Machine Highlights

No operating elements at rear side of machine

Compact dimensions



Pivoting operating panel

Graphic dialogue programming as standard for small batch manufacturers

Latest control generation:

Heidenhain TNC620  
Siemens 840D-SL  
Fanuc 0i

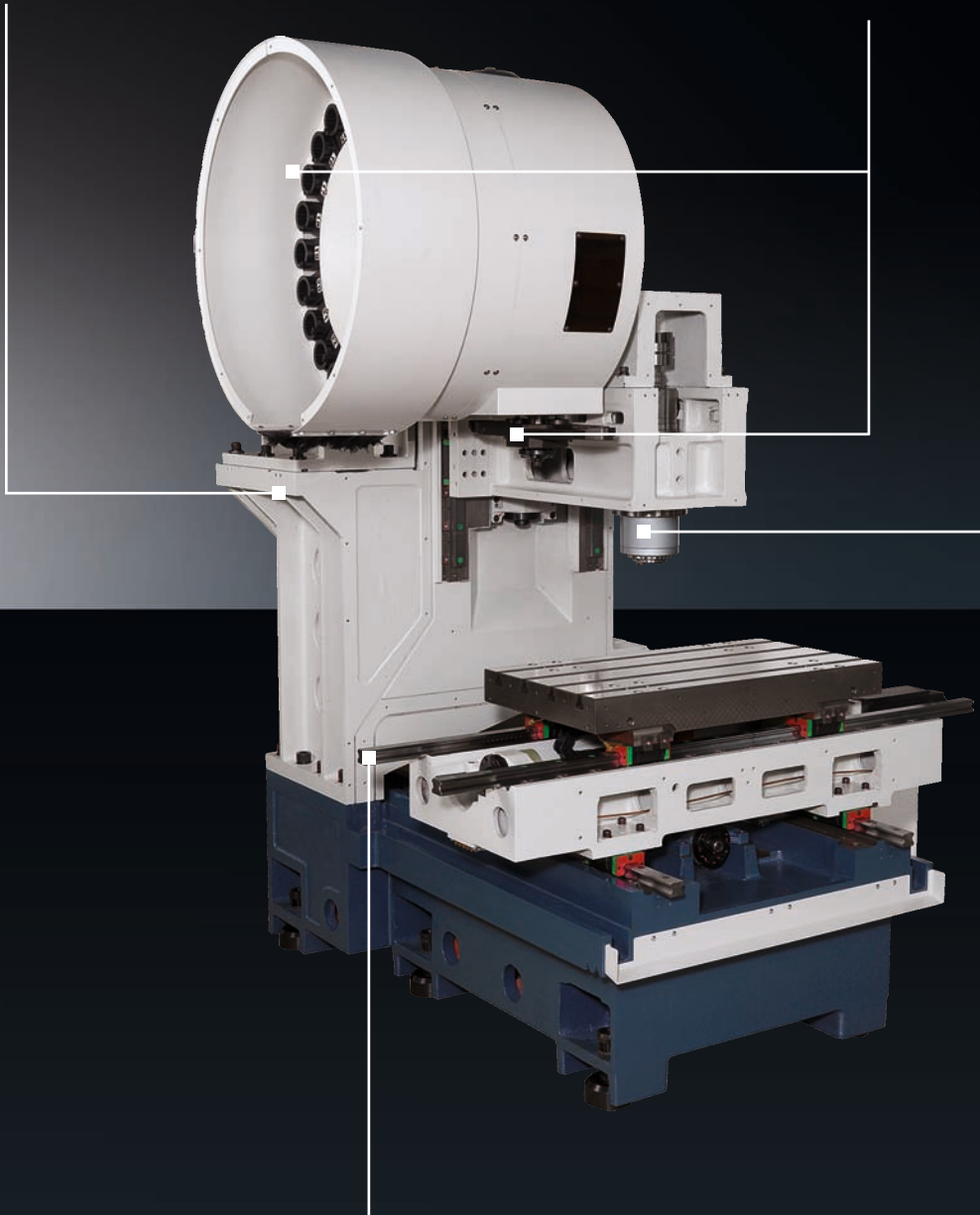


Heidenhain TNC620

Optimal compact  
Highly dynamic  
High spindle speeds  
Solid cast structure

Solid  
cast structure

Quick double arm changer with 24  
tool magazine

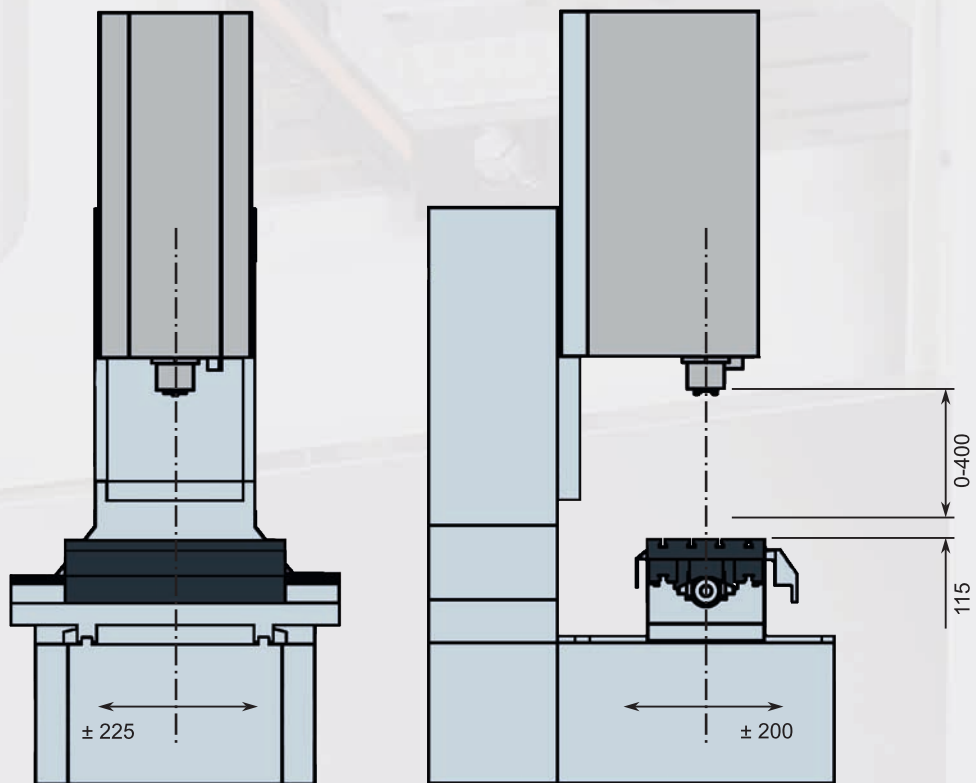


Modern linear guides  
in all axes for high  
rapid traverse

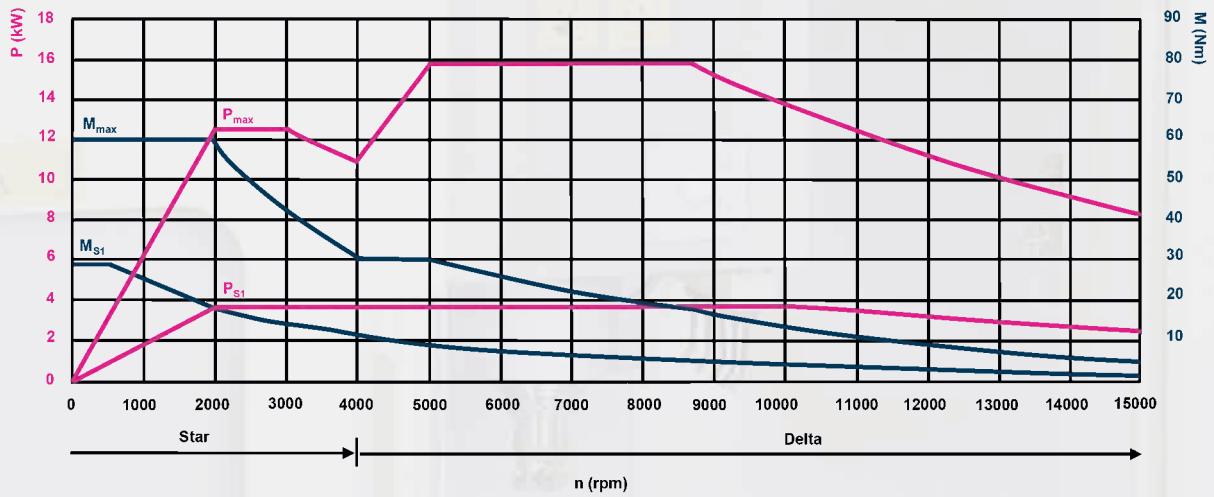
Inline-Spindle up to  
15.000 rpm  
SK40/BT40

| Working area                               |                                     |
|--|-------------------------------------|
| X axis                                     | 450 mm                              |
| Y axis                                     | 400 mm                              |
| Z axis                                     | 400 mm                              |
| Min. distance spindle nose - table surface | 115 mm                              |
| Max. distance spindle nose - table surface | 515 mm                              |
| Machining table                            |                                     |
| Table dimensions                           | 770 x 410 mm                        |
| Max. table load                            | 200 kg                              |
| T-slots                                    | 16 x 4 x 100                        |
| Axes                                       |                                     |
| Feed / rapid traverse                      | 36 m/min                            |
| Spindle                                    |                                     |
| Max. spindle speed                         | 15.000 rpm                          |
| Tool taper                                 | SK40 (optional BT40)                |
| Performance $P_{max}$                      | 13 - 16 kW <sup>1)</sup>            |
| Torque $M_{max}$                           | 60 - 83 Nm <sup>1)</sup>            |
| Tool magazine                              |                                     |
| Number of tool stations                    | 24                                  |
| Max. tool diameter                         | 80 mm                               |
| In case of free adjacent tool stations     | 125 mm <sup>2)</sup>                |
| Max. tool length                           | 200 mm                              |
| Max. tool weight                           | 8 kg                                |
| General indications                        |                                     |
| Dimensions (L x W x H)                     | 2390 x 1700 x 2515 mm <sup>3)</sup> |
| Weight                                     | ca. 3.500 kg <sup>4)</sup>          |

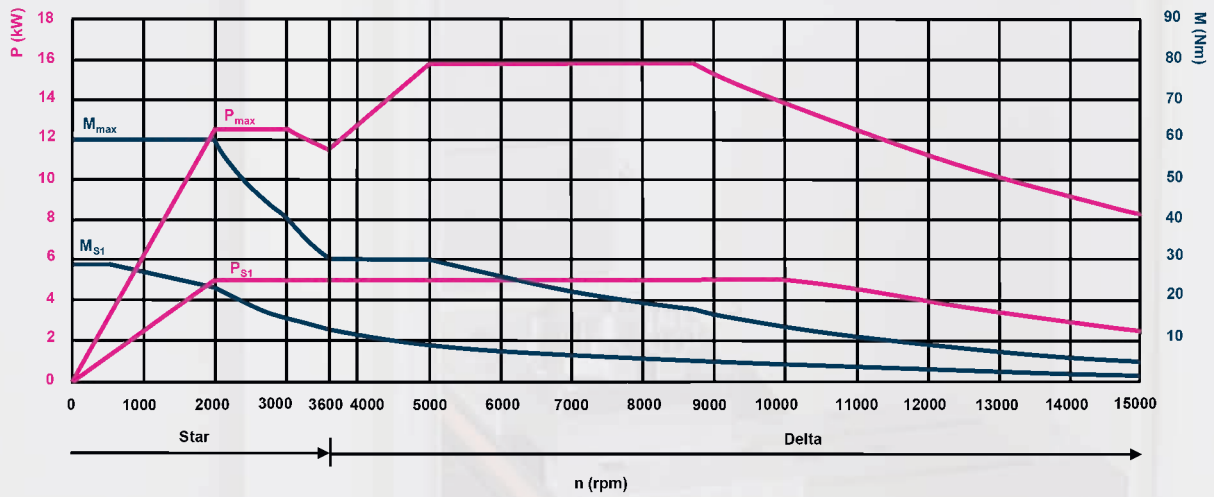
1) According to machine control; 2) Valid for spindle speed up to 12.000 rpm, toolholder limited to 80mm in case of spindle speeds >12.000 rpm;  
 3) See floor plan; 4) Machine net weight



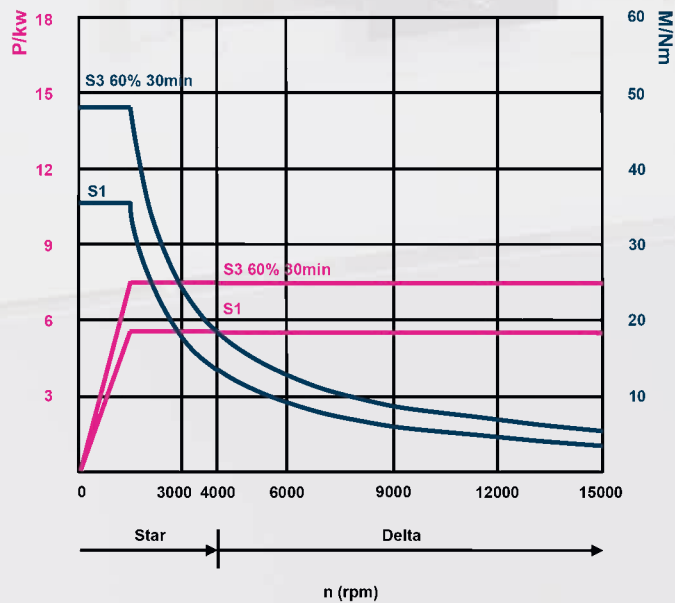
Siemens



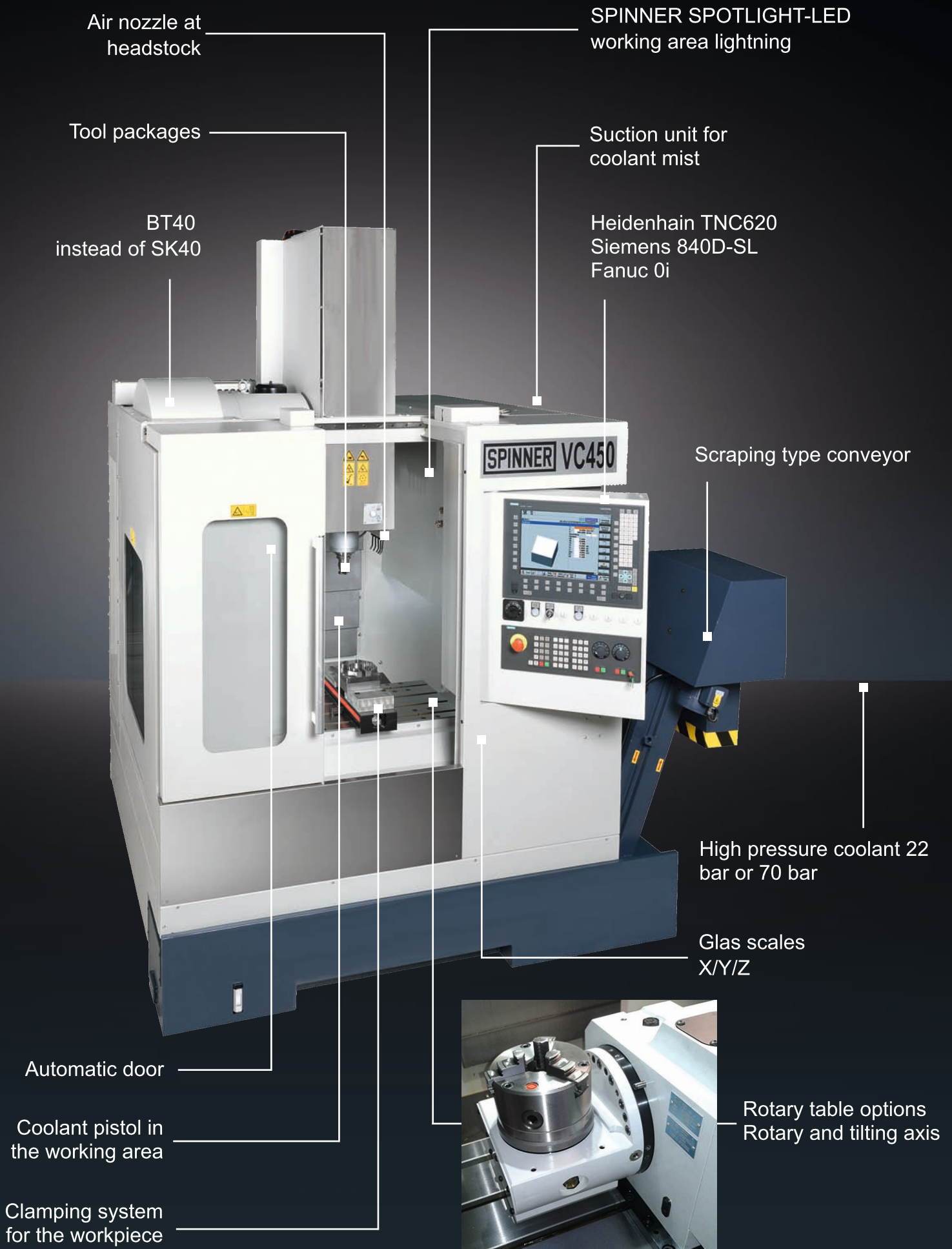
Heidenhain

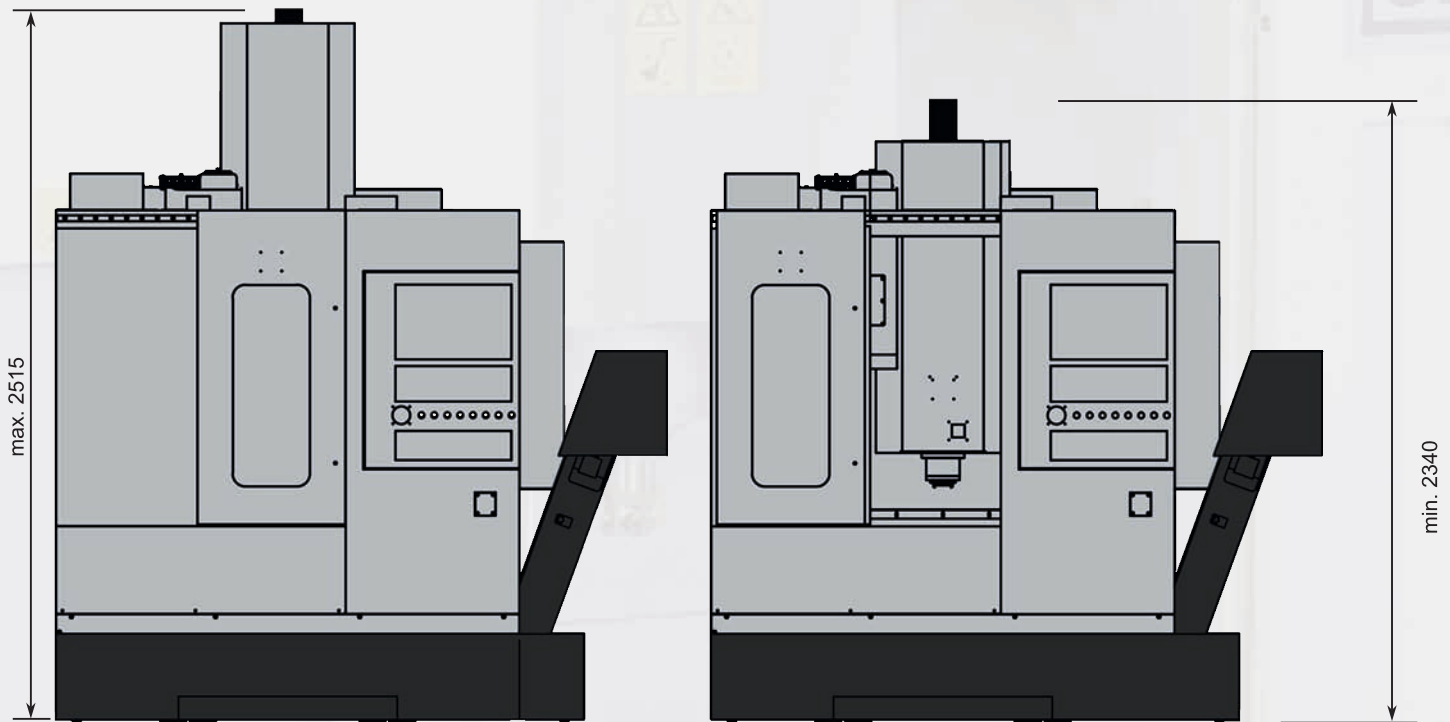


Fanuc



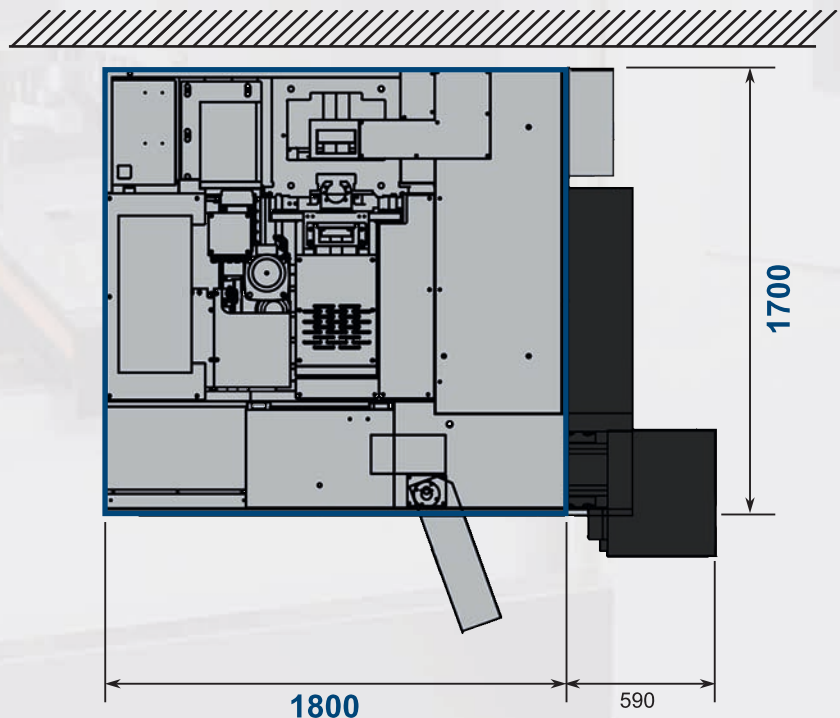






**Compact dimensions  
for low space requirement**

**No operating elements at rear side of  
machine  
Thereby a space-saving installation is  
possible**



■ Version with standard  
chip conveyor



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