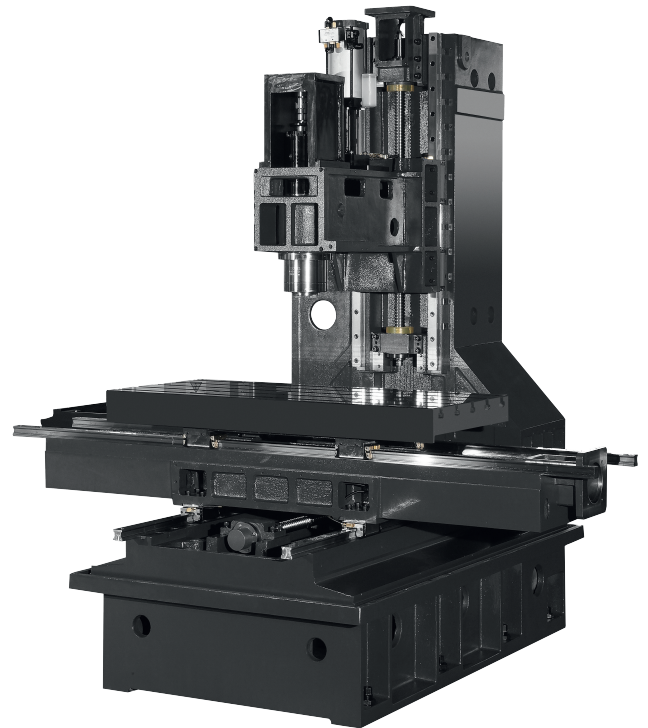




- Ideal for mass production and machining metal parts
- Cast iron is tempered for stress relief to ensure structural stability without deformation
- Pre-tension on all axes minimizes thermal distortion
- C3 class ballscrews ensure the highest accuracy and durability



| Technical Specifications                   |  | VL10                                                                                        |
|--------------------------------------------|--|---------------------------------------------------------------------------------------------|
| <b>Table</b>                               |  |                                                                                             |
| Table size                                 |  | 1100 x 500mm                                                                                |
| T-slot (width x number x distance)         |  | 18 x 5 x 100mm                                                                              |
| Max. load                                  |  | 600kg                                                                                       |
| <b>Travel</b>                              |  |                                                                                             |
| X/Y/Z Travel                               |  | 1020 / 530 / 560mm                                                                          |
| Spindle nose to table                      |  | 115 - 675mm                                                                                 |
| Spindle centre to column                   |  | 566mm                                                                                       |
| <b>Spindle</b>                             |  |                                                                                             |
| Spindle taper                              |  | BT40                                                                                        |
| Spindle speed                              |  | 10.000 min <sup>-1</sup>                                                                    |
| Spindle servo motor                        |  | 7.5 / 15 kW Siemens<br>7.5 / 15 kW Fanuc                                                    |
| <b>Tool changer</b>                        |  |                                                                                             |
| Number of tools                            |  | 24 pcs                                                                                      |
| Max. tool diameter (without adjacent tool) |  | 78 (125)mm                                                                                  |
| Max. tool length                           |  | 300mm                                                                                       |
| Max. tool weight                           |  | 8kg                                                                                         |
| <b>Feed</b>                                |  |                                                                                             |
| Rapid feed X/Y/Z                           |  | 30 m/min                                                                                    |
| Cutting speed                              |  | 1-12.000 mm/min                                                                             |
| <b>Accuracy</b>                            |  |                                                                                             |
| VDI 3441 (Full travel)                     |  | Positioning accuracy 0.010 / Full Travel<br>Positioning repeatability 0.006mm / Full Travel |
| <b>Dimensions &amp; weight</b>             |  |                                                                                             |
| Dimensions                                 |  | 3870 x 2175 x 2850mm                                                                        |
| Weight                                     |  | 5000kg                                                                                      |

## Optional Configuration:

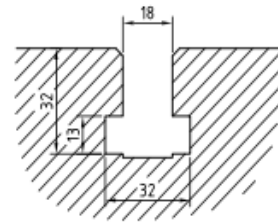
- Spindle speed 12000rpm, Direct drive
- 4th or 4/5th Axis
- Workpiece probe
- Tool probe
- Oil skimmer

## Standard Configuration:

- Siemens 828D/Fanuc Type 3 PLUS
- Fully enclosed splash guard
- Shopmill (Siemens only)
- Manual guide I, AICCI and data server (Fanuc)
- Belt drive spindle 10000rpm
- Spindle oil cooler
- Coolant through spindle
- 24 pockets arm tool changer
- Air conditioning for electrical cabinet
- Rigid tapping
- Ethernet CF card and USB interface
- Automatic lubrication system
- Coolant system
- LED work lamp
- End of program light
- Electronic handwheel (MPG)
- Tool box
- Levelling bolts and blocks
- Coolant gun
- Air gun
- Chain type chip conveyor
- Chip flushing system
- Manual

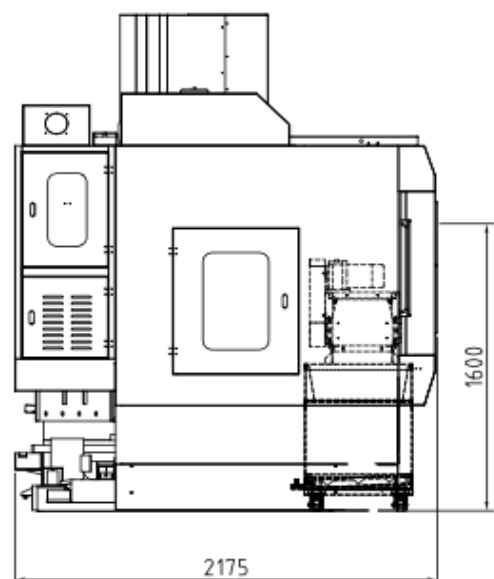
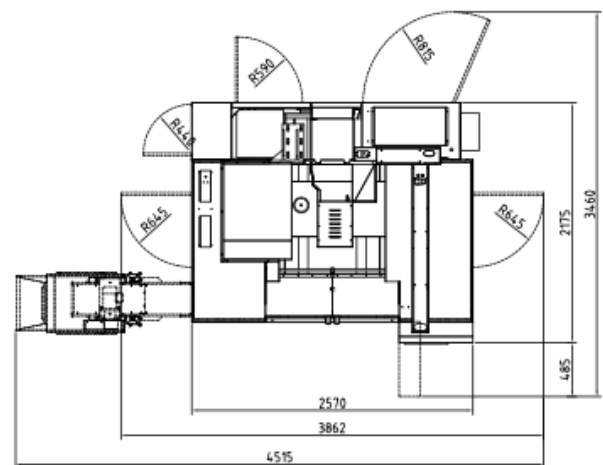
\* The above specifications are subject to change without prior notice, no liability for mistakes. Machines may be shown with optional equipment.

Technical drawing of a rectangular plate with dimensions 1100mm by 540mm. The drawing shows a top view with a central horizontal slot and a side view showing the profile of the slot. The slot is 100mm wide and 100mm deep. The plate is 1100mm long and 540mm high. The drawing is labeled '1100' and '540'.



Technical drawing of the machine showing side and front views with dimensions:

- Overall height: 2850
- Overall width: 1300
- Front door opening width: 950
- Front door width: 1220
- Overall width including front door: 2570
- Height of the front door section: 760



\* The above specifications are subject to change without prior notice, no liability for mistakes. Machines may be shown with optional equipment.