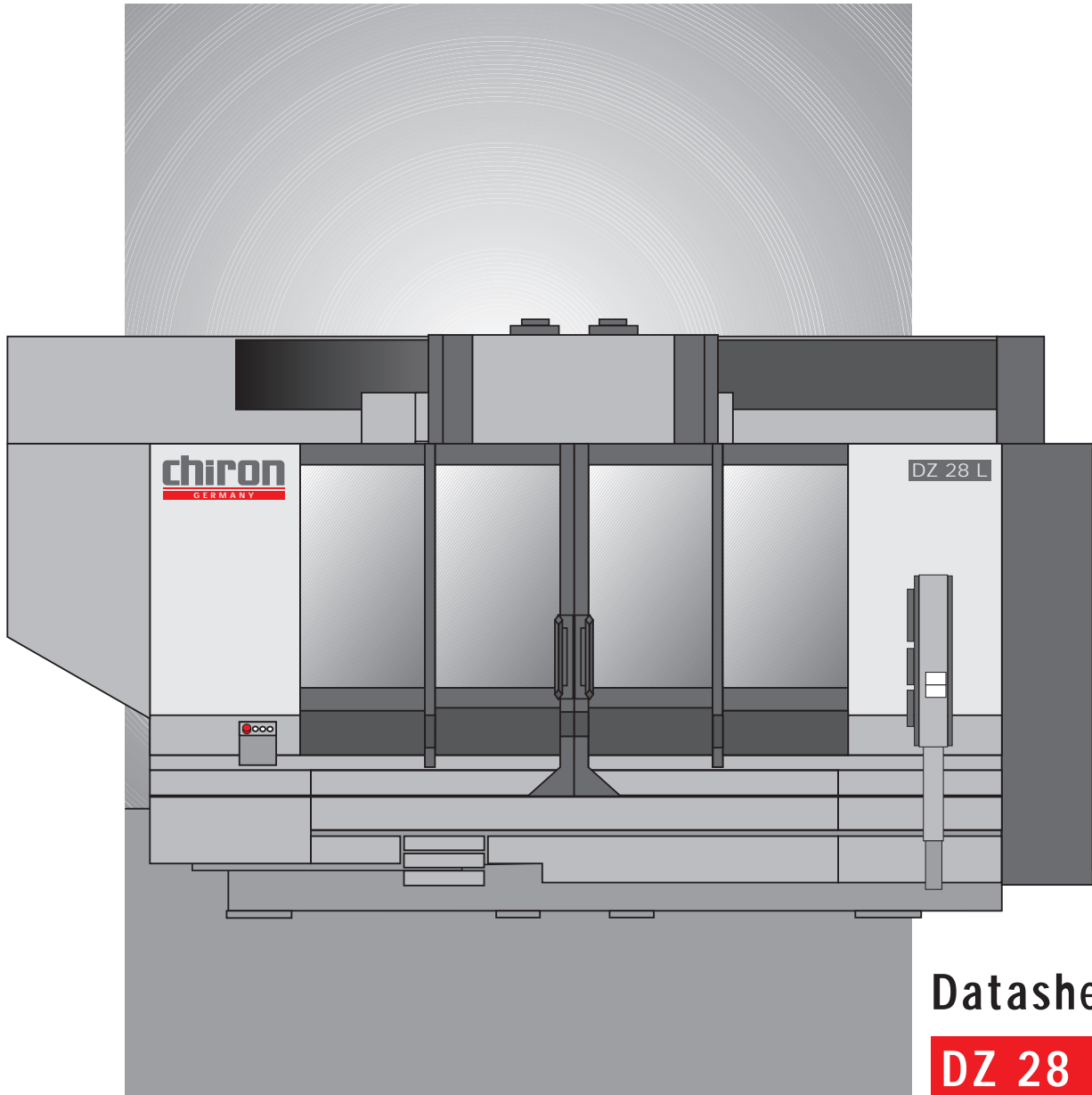


chiron

CNC Machining Centres



Datasheet

DZ 28 L

ISO 50

Tools 2 x 24

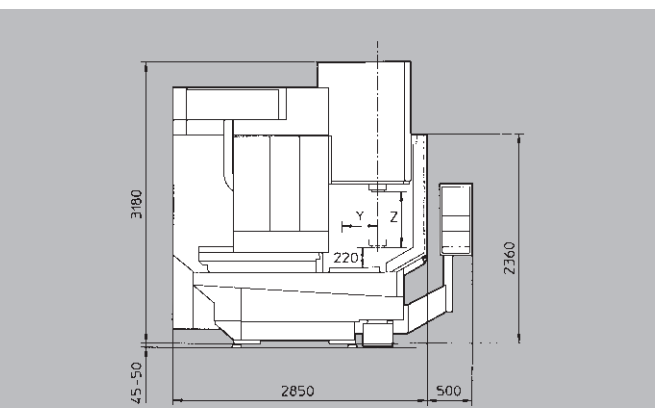
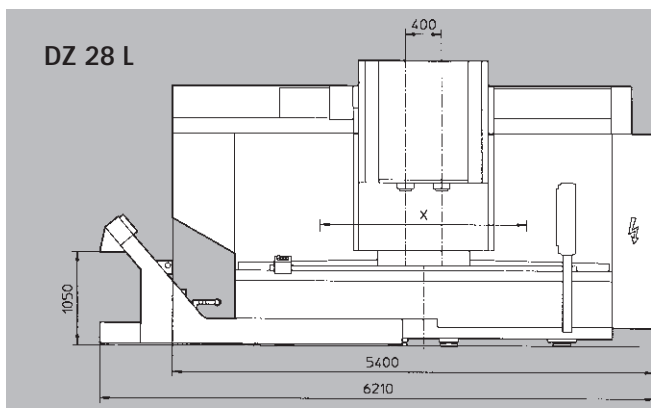
Tool change 1.9 s

Chip-to-chip 3.9 s

Spindle speed up to 10 500 rpm

Rapid in X 40 m/min

Seconds ahead

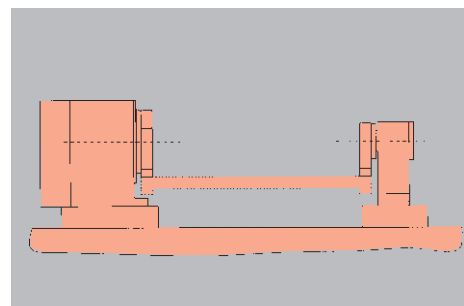


Technical data

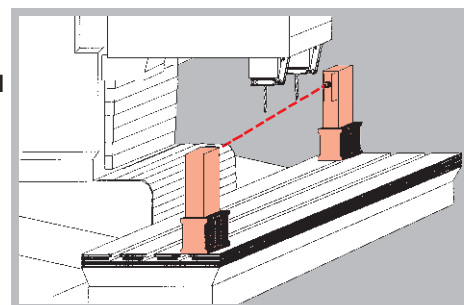
Drilling capacity in ST 60 with carbide drill	2 x 70 mm
Tapping	2 x M 36
Milling capacity in ST 60	2 x 400 cm ³ /min
Tool storage capacity	2 x 24
Tool taper ISO 7388	ISO 50
Max. tool diameter	100 mm
If adjacent places are free	180 mm
Max. tool weight	8 (25) kg
Max. tool length	350 mm
Tool change time	approx. 1.9 s
Chip-to-chip time	approx. 3.9 s
Spindle drive AC	2 x 26 kW
Infinitely variable speed range	20 - 7 100 rpm
Max. torque	2 x 300 Nm
Diameter front spindle bearing	90 mm
Tool clamping	13 000 N
Distance spindle to column	550 mm
Distance spindle nose to table surface	220 - 850 mm
Spindle distance in X	400 mm
Travel X-axis	2 320 mm
Shuttle operation X-axis	4 x 400 mm
Travel Y-axis	400 mm
Feed force X-axis, Y-axis	10 000 N
Travel Z-axis	630 mm
Feed force Z-axis	14 000 N
Rapid feed rate X-axis	40 m/min
Rapid feed rate Y-axis, Z-axis	30 m/min
Fixed table clamping surface	3 440 x 570 mm
T-slots	2 x 18 H 12
Reference slot	18 H 8
X-axis with direct path measuring system	
Chip conveyor, discharge height	1 050 mm
Coolant device, container capacity	470 l
Full enclosure	illuminated
Total connected power	approx. 45 kVA
Machine weight	approx. 12,5 t
Floor space	approx. 15 m ²
Air connection	6 bar

Options

■ NC rotary table with basic fixture



■ Lasercontrol system for tool fracture control, tool measurement and temperature compensation



Increased speed range	20 - 10 500 rpm
Max. torque	2 x 300 Nm
Spindle drive AC	2 x 26 kW
Travel Z-axis	800 mm

- Full enclosure with extraction
- Automatic doors
- Through the spindle coolant up to 70 bar
- Workpiece transport and hopper equipment
- Probe, tool measurement and tool management
- Drill fracture control and tool life management
- Tool taper HSK-A 100
- Thermocontrol