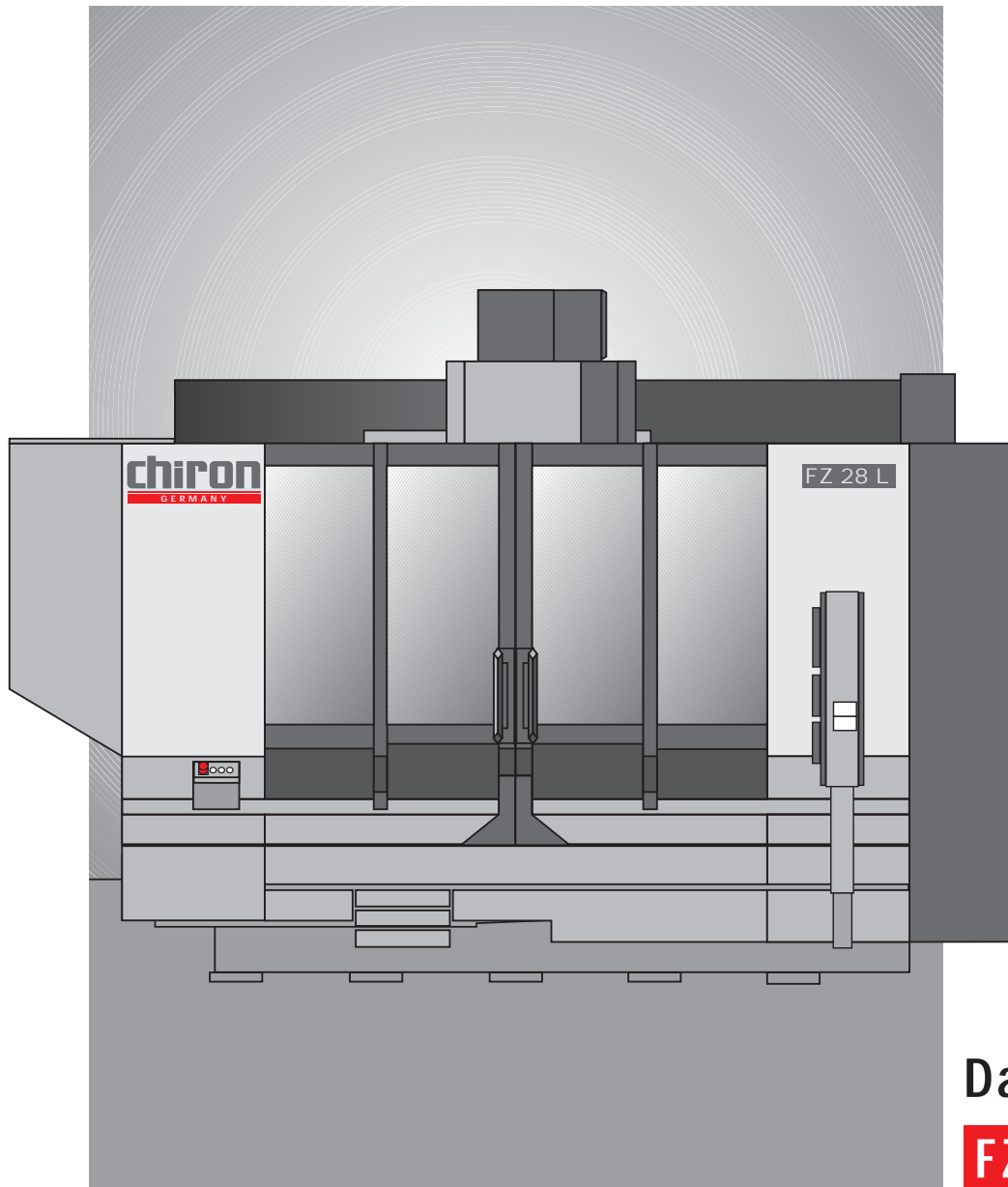


chiron

CNC Machining Centres



Datasheet

FZ 28 L

ISO 50

Tools 40/60

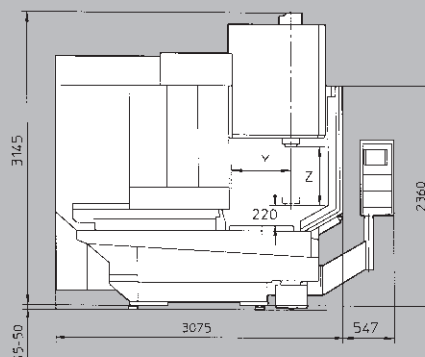
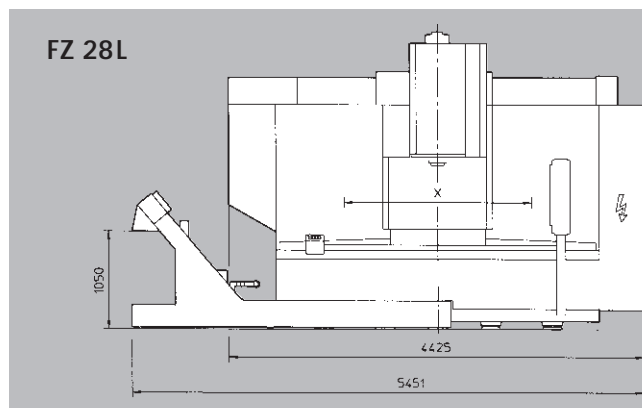
Tool change time 1.9 s

Chip-to-chip time 3.9 s

Speed up to 10 500 rpm

Rapid in X 40 m/min

Seconds ahead



Technical data

Drilling capacity in ST 60 with carbide drill	70 mm
Tapping	M 36
Milling capacity in ST 60	500 cm ³ / min
Tool storage capacity	40
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	26 kW
Infinitely variable speed range	20 - 7 100 rpm
Max. torque	300 Nm
Diameter front spindle bearing	90 mm
Tool clamping	13,000 N
Distance spindle to column	658 mm
Distance spindle nose to table surface	220 - 850 mm
Feed force X-axis, Y-axis	10 000 N
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 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	800 l
Full enclosure	illuminated
Total connected power	approx. 28 kVA
Air connection	6 bar

Travel X-axis mm	2000	2600	3200	4500	6300	8000
Travel Y-axis mm	630	630	630	630	630	630
Travel Z-axis mm	630 or 800					
Fixed table length mm	2700	3440	4000	5200	7200	9200
Fixed table width mm	680	680	680	680	680	680
Shuttle operation max. mm	2x 800	2x 1100	2x 1400	2x 2050	2x 2950	2x 3800
Machine weight t	9	11	13	18	26	33
Floor space m ²	17	20	27	32	44	53

Options

■ Full enclosure with extraction

■ Automatic doors

■ Chip conveyor with high pressure coolant

■ Through the spindle coolant up to 70 bar

■ Tool storage capacity

■ Increased speed range

Max. torque

Spindle drive AC

■ Higher spindle drive AC

Speed range

Max. torque

Verfahrweg Z-Achse

■ Chiron-laser-control ■ NC rotary table ■ Workpiece transport and hopper

equipment ■ Probe, tool measurement and tool management ■ Drill fracture control

and tool life management ■ Tool taper HSK-A 100 ■ Thermocontrol

