

Data sheet No. 20385308 / 30.09.2026

Item	Qty	Description
1000	1	CNC-machining centre CHIRON FZ 12 KW 253-14 Condition: Partly refurbished Year of construction: 2006
1040	1	According to descripted below scope of delivery Column moving machining centre with machine bed in mineral cast technique and workpiece swivel table Guideways with long-term-grease lubrication
1050	1	Machine enclosure with full enclosed workspace with loading doors, electrically interlocked, including replaceable safety windows, workspace enclosure with stainless steel covers. 2140 mm high above floor, including machine lamp
1060	1	Mini-operating panel with start and receipt push buttons, for pallet recognition M61/M62
1070	1	Travel X-axis 550 mm Y-axis 320 mm Z-axis 360 mm
1080	1	Main spindle drive with AC-motor 7,5 kW at 100 % 13,0 kW at 25 % Spindle speed range: 20 - 15.000 min ⁻¹ - 70 Nm Drilling capacity in steel 60 ø 25 mm (with insert drill) Tapping capacity M 20 Milling capacity in steel 60 120 cm ³ /min.
1090	1	Automatischer Werkzeugwechsler durch robustes, vollgekapseltes Pick-up-Kettenmagazin, mit mechanischem Auffahrschutz und Kegelreinigung über Blasluft Werkzeugplätze 48 Werkzeugkegel HSK-A 50 DIN 69893 Werkzeug-ø max. 60 mm Werkzeuglänge max. 250 mm Werkzeuggewicht max. 3 kg Werkzeugwechselzeit ca. 0,9 s (steuerungsabhängig) Span-zu-Span-Zeit ca. 2,4 s (steuerungsabhängig)

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| 1100 | 1 | <p>Workpiece swivel table 0/180 degrees
 with centre divider made of sheet metal
 clamping surface 2 x 660 mm x 350 mm
 with thread and locating hole grid M16 x Ø 15 H7 x 50 mm
 workpiece swivel time appr. 2,0 s weight-dependent, self-regulating
 through self-learning speed-control
 table loading capacity per side 300 kg,
 max. 100 kg weight difference between the two table sides</p> |
| 1110 | 1 | <p>AC-servo motors for x-, y- and z-axes
 digital direct drives with indirect absolute path measuring system
 rapid traverse in all axes 75 m/min.
 Acceleration: X-axis 1 g, Y-axis 1,5 g, Z-axis 2,0 g</p> <p>Remark:
 With normal conditions the machine does not have to be anchored to the floor.
 (For slippery floors we recommend anchoring.)</p> |
| 1120 | 1 | <p>FANUC 18i MB5 - 5-axes continuous path control
 10,4" color screen
 memory capacity 256 KB
 drilling cycles G81-G89
 absolute path measuring system
 M- and T-functions
 circular interpolation (360 degrees)
 re-start into program
 makro B sub-routines
 look ahead
 simultaneous programming
 automatic corner override
 32 tool offsets
 cutter radius - contour compensation
 6 zero shifts G54-G59
 metric/inch switch
 3 D-interpolation/helical interpolation
 S-analogue
 rigid tapping
 orientated spindle stop
 Slot for PCMCIA memory card
 Interface RS 232C on the side at the control panel
 software-limitswitch
 NC-diagnosis
 machine diagnosis</p> |
| 1130 | 1 | <p>CHIRON Maintenance Management in the screen
 display of the pending maintenance:
 - advance warning = "prepare maintenance"
 - warning = "carry out maintenance"
 - machine stop = "catch up on maintenance"
 Abridged instructions for the pending maintenance with graphic illustration on USB flash drive.
 Password protected confirmation of the performed maintenance through the maintenance staff.</p> |

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1140	1	Thermodrive with indirect path measuring system
1150	1	Working hours and piece counter in the screen
1160	1	Socket 230 V at control panel
1170	1	Socket for portable mini-hand wheel without emergency stop button, at control panel
1180	1	Cabinet cooler as a door mounting unit
1190	1	Signal lamp on machine enclosure for 3 signals Signal "red" = failure Signal "white" = load machine Signal "green" = machine is running
1200	1	Chip conveyor (scratch band) instead of standard coolant equipment discharge height 490 mm tank capacity 100 l, pump capacity 110 l/min at 1,3 bar coolant cleaning through slot filter box mesh size W=0,35 mm
1220	1	Coolant equipment tank capacity 350 l. with low pressure pump 100 l/min. at 2,1 bar, till 200 l/min. at 1,9 bar incl. tub flushing
1230	1	Package m-functions m72/m73 2 m-function pairs for m74/m75 simple ON/OFF function m76 m-functions to control a m78 peripheral equipment with external setback (blocking of the machine course)
1240	1	Wash gun with 1 connection and quick coupling each in loading- and working area
1250	1	Oil-free air service unit with automatic condensate separator, pressure control of the air supply and micro filter 0,01 µm for air purge
1260	1	Installation elements
1270	1	Interface 4th and 5th NC axis

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| 1275 | 1 | Flow control switch
for internal coolant |
| 1280 | 1 | Pneumatic- and Hydraulic Connections |
| 1290 | 1 | Pneumatic connection controlled
with A/B connection on each tableside
for pneumatic clamping device
2 electrically activated pneumatic connections
for double acting; one pressure control,
either for one or two controlled clamping circuits;
at each clamping circuit pressure control
switch with automatic pressure regulation.
(in case of pressure change automatic pressure sensing) |
| 1300 | 1 | Cutting tools
The cutting tools have to be balanced
according to DIN 69 888, class G 6, 3,
in two levels, with max. operating speed |
| 1310 | 1 | Machine colour
two-components-structure varnish - 3 colours
window grey acc. to RAL 7040
blue acc. to NCS S2050-R80B
basalt grey acc. to RAL 7012 |
| 1320 | 1 | - Documentation -

Documentation acc. to CE of the first delivery into market
1 x safety regulations in a folder in English
1 x complete documentation on a USB as PDF
Language of the operating manuals and safety in English |