

Data sheet No. 20412853 / 17.10.2024

CHIRON Group SE

Item	Qty	Description
1000	1	<p>Vertical CNC-machining center FZ 08 W no. 206-07</p> <p>Condition: Function tested Year of construction: 2005</p>
1040	1	<p>Drilling capacity in steel 60 Ø 16 mm Tapping capacity M 12 Milling capacity in steel 60 30 cm³/min.</p>
COLUMN MOVING MACHINING CENTRE with workpiece swivel table		
1060	1	<p>Digital main drive with spindle with air purge and monitoring of the tool clamping 2,2 kW at 100 % 7,4 kW at 25 % for main spindle Spindle speed range: 20 - 15.000 rpm - 23 Nm</p>
1080	1	<p>Travel: X-axis 300 mm Y-axis 250 mm Z-axis 250 mm</p>
1100	1	<p>Automatic tool changer No. of tools 12 Tool shaft HSK-A 32 DIN 69893 Max. tool dia. max. 63 mm Max. tool weight max. 0,7 kg (average 0,5 kg) Tool change time appr. 0,5 s (depends on CNC)</p>
1120	1	<p>Workpiece swivel table 0/180 degrees with centre divider made of sheet metal clamping surface 2 x 550 mm x 300 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 200 kg, max. 50 kg weight difference between the two table sides</p>
1140	1	<p>AC-servo-motors feed drives for X-, Y- and Z-axes, indirect absolut path measuring system rapid traverse in X- and Y-axes 40 m/min, acceleration 0,7 g. rapid traverse in Z-axes 60 m/min, acceleration 1,0 g.</p>

Remark:

With normal conditions the machine does not have to be anchored to the floor.
(For slippery floors we recommend anchoring.)

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| 1160 | 1 | <p>SIEMENS CNC-control 840D
 (PCU 50.3 / NCU 573.5, 6 measuring cycles, 1 channel)
 incl. 10,4" TFT colour LCD screen / full keyboard OP10S
 Windows XP
 NC-memory 256 KB
 (max.200 programmes storage capacity)
 for ISO 66025 programming
 drilling cycles G81-G89
 drilling and milling cycles
 M- and T- functions
 circular interpolation (360 degrees)
 re-start into program
 Subroutines, parameter programming
 simultaneous programming
 contour programming with cycle support
 support through cycles
 polar coordinates
 tool offsets for geometry, wear
 tool radius correction for
 intersection computing
 crossing radius
 4 zero offsets G54-G57
 30 zero shifts programmable with G-functions
 3D and helical interpolation
 screen switch off
 mirror function
 scaling function
 insert of chamfer and radius
 Universal interface RS 232C (2 x V24)
 orientated spindle stop
 drip feed function through V24 interface
 dimension metric or inch
 software limit switch
 NC-diagnosis
 machine-diagnosis
 absolute indirect path measurement systems
 rigid tapping</p> |
| 1200 | 1 | <p>Working hours and piece counter
 in the screen</p> |
| 1220 | 1 | <p>Socket 230 V
 at control panel</p> |
| 1240 | 1 | <p>Socket for portable mini-hand wheel
 without emergency stop button,
 at control panel</p> |
| 1260 | 1 | <p>Machine enclosure
 bolted on, with loading door, electrically interlocked,
 2.000 mm high above floor, incl. machine lamp</p> |

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- 1280 1 **Coolant equipment with chip container**
tank capacity appr. 100 l
pump capacity 60 l/min at 1 bar
Coolant cleaning through interchangeable sieve box
and sedimentation basin
- 1300 1 **Installation elements**
For installation in an oil pan the installation directly
on the sheet metal is not allowed. For out of it resulting
problems there is no warranty. The machine documents for
approval contain a proposal for the appropriate execution
of the oil pan.
- 1320 1 **Wash gun**
with 1 connection and quick coupling each
in loading- and working area
- 1340 1 **Machine colour**
two-components-structure varnish - 3 colours
window grey acc. to RAL 7040
grey white acc. to RAL 9002
basalt grey acc. to RAL 7012