

## Data sheet I CHIRON FZ 12 KW no. 265-10

Pos.	Qty.	Description	Price
100	1,00 ST	<p><b>Completely refurbished vertical machining centre CHIRON CHIRON FZ 12 KW no. 265-10</b></p> <p><b>Year of construction: 2009, weight: 7.500 kg</b></p>	
200	1,00 ST	<b>According to described below scope of delivery</b>	
300	1,00 ST	<p><b>Column moving machining centre</b> with machine bed in mineral cast technique and workpiece swivel table            Guideways with long-term-grease lubrication</p>	
400	1,00 ST	<p><b>Machine enclosure with full enclosed workspace</b>            with loading doors, electrically interlocked,            including replaceable safety windows,            workspace enclosure with stainless steel covers.            2140 mm high above floor, including machine lamp</p>	
500	1,00 ST	<p><b>Workpiece swivel table 0/180 degrees</b>            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>	
600	1,00 ST	<p><b>Travel:</b>            X-axis 550 mm            Y-axis 400 mm            Z-axis 360 mm</p>	
700	1,00 ST	<p><b>Digital main drive with spindle</b>            with air purge and monitoring of the tool clamping            1,5 kW at 100 %            3,7 kW at 25 %            spindle speed range up to 15.000 rpm; 17 Nm            acceleration from 0 to 12.000 rpm            or deceleration in 0,7 seconds</p> <p>Drilling capacity Ø 16 mm (with insert drill)            Tapping capacity M 16            Milling capacity 80 cm<sup>3</sup>/min</p>	





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		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 high speed skip macro common variables	
1100	1,00 ST	<b>CHIRON Maintenance Management in the screen</b> 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 CD-ROM. Confirmation of the performed maintenance through the maintenance staff by password.	
1200	1,00 ST	<b>Oil-free air service unit</b> with automatic condensate separator, pressure control of the air supply and micro filter 0,01 µm for air purge	
1300	1,00 ST	<b>Working hours and piece counter</b> in the screen	
1400	1,00 ST	<b>Socket for portable mini-hand wheel</b> without emergency stop button, at control panel	
1500	1,00 ST	<b>Wash gun</b> with 1 connection and quick coupling each in loading- and working area	
1600	1,00 ST	<b>Cabinet cooler as a door mounting unit</b>	
1700	1,00 ST	<b>Installation elements</b>	
1800	1,00 ST	<b>Mini-operating panel</b> with start and receipt push buttons, for pallet recognition M61/M62	
1900	1,00 ST	<b>Socket 230 V</b> at control panel	



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2000	1,00 ST	<p><b>Chip conveyor (scratch band)</b>            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</p>	
2100	1,00 ST	<p><b>Signal lamp for 3 signals</b>            Signal "red" = failure            Signal "white" = machine loaded            Signal "green" = machine is running</p>	
2200	1,00 ST	<p><b>Stationary 3D Probe System</b>            type TS 27 R, maker RENISHAW,            with adapter plate and            air blow for the measuring stylus,            for tool breakage control (in one working area),            for automatic tool length measurement (at FZ),            for automatic temperature compensation,            including process-orientated measuring,            software for measuring cycles,            strategy program and tool holder with ball dia. 12 mm.</p>	
2300	1,00 ST	<p><b>Probe for automatic measuring in the machine</b>            Renishaw - probe - package OMP 40-2LS            for part measuring and            automatic machine compensation,            - probe with optical contact modul and            tool taper suitable for machine spindle            - tracing pin 58 mm with ruby ball dia. 4 mm            - receiver OMI with integrated interface            - bracket for receiver            - process oriented measuring            - software for measuring cycles            and strategy program</p> <p>Remark:            For the carrying out of machine compensations with probe            a suitable reference surface at the machine or at the fixture or            an optional gauge block (VCS12100800) are necessary.</p>	
2400	1,00 ST	<p><b>Automatic loading door of total enclosure</b>            opening and closing, actuating to closing via            two-hand push buttons</p>	



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2500	1,00 ST	<b>- Pneumatic- and Hydraulic Connections -</b>	
2600	1,00 ST	<b>Interface 4th and 5th NC axis</b>	
2700	1,00 ST	<b>Cutting tools</b> The cutting tools have to be balanced according to DIN ISO 1940, class G 2,5, in two levels, with max. operating speed	
2800	1,00 ST	<b>- Documentation -</b>	
2900	1,00 ST	<b>Documentation acc. to CE of the first delivery into market</b> 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	
3000	1,00 ST	<b>Machine colour</b> Two-components-structure varnish - 2 colours light grey acc. to NCS S1502-B basalt grey acc. to RAL 7012	
3100		<b>Main circuit</b> total power supply 400 / 230V ± 10 %, 50 cycles N/PE, neutral conductor, load possible, pressure supply 6 bar, ± 1 bar at all procedures, room temperature max 40°	
3200		<b>Information Export</b> We point out that the CNC-machining centres are subject to controls. For the export from the European Union an export license is necessary.	
3300		<b>Information Machine safety</b> The machine is designed and built in accordance with the European machine guideline, according placing the product on the first time onto the market. Other safety features due to special company rules and specifications can be considered. The actual cost will be invoiced.	



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Pos.	Qty.	Description	Price
3400		<p><b>Information Coolant lubrication</b></p> <p>The machine is designed for standard water soluble coolant and fully enclosed at the standard version. The machine must be equipped with fume extraction.</p> <p>The machine contents different plastics, varnish, resin and glue, which are selected carefully for using coolant and cutting oil.</p> <p>The use of aggressive coolant and additive could cause major damages and machine stops.</p> <p>Contact in any case your coolant supplier before machine set-up and installation.</p>	

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