

Data sheet I CHIRON FZ 08 S no. 213-78

Pos.	Qty.	Description	Price
100	1,00 ST	Completely refurbished vertical machining centre CHIRON FZ 08 S no. 213-78 Year of construction: 2001, weight: 2.000 kg	
200	1,00 ST	According to described below scope of delivery	
300	1,00 ST	Column moving machining centre with fixed table	
400	1,00 ST	Machine enclosure bolted on, with loading door, electrically interlocked, 2.000 mm high above floor, incl. machine lamp	
500	1,00 ST	Fixed table with chip pan clamping surface 620 x 270 mm ² with grid M16 x Ø 15 H7 x 50 mm table loading capacity max. 150 kg	
		Remark: With normal conditions the machine does not have to be anchored to the floor. (For slippery floors we recommend anchoring.)	
600	1,00 ST	Travel: X-axis 300 mm Y-axis 250 mm Z-axis 250 mm	
700	1,00 ST	High speed spindle 2,2 kW at 100% 7,2 kW at 25% Spindle speed range: 20 – 15.000 rpm –23 Nm Drilling capacity Ø 16 mm Tapping capacity M 12 Milling capacity 30 cm ³ /min	
800	1,00 ST	Automatic tool changer Tool places 12 Tool shaft HSK-A 32 DIN 69893 Tool-Ø max. 63 mm Tool weight max. 0,7 kg Tool change time approx. 0,5 s (depends on CNC) Chip-to-chip-time approx. 1,5 s (depends on CNC)	



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Pos.	Qty.	Description	Price
900	1,00 ST	<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> <p>Remark: With normal conditions the machine does not have to be anchored to the floor. (For slippery floors we recommend anchoring.)</p>	
1000	1,00 ST	<p>SIEMENS CNC-control 840D (MMC 100.2 / NCU 571.2, 6 measuring circuits, 1 canal) incl. 10,4" TFT colour LCD screen / full keyboard OP032S NC-memory 256 MB (max.200 programmes storage capacity) for ISO 66025 programming hard disk with approx. 2 GB for free disposal 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 crossingradius 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) at control panel Ethernet connection RJ45 in control panel orientated spindlestop drip feed function through V24 interface dimension metric or inch software limitswitch</p>	



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		NC-diagnosis machine-diagnosis absolute indirect path measurement systems powermeter in screen, rigid tapping	
1100	1,00 ST	<p>CMS Powersafe Software package for selective shutdown of installed consumers such as axis motors, drives, spindles, coolant-pumps and auxiliary equipment during production breaks. Definable point in time at which the machine goes demand-oriented automatically into it's Power Safe mode.</p>	
1200	1,00 ST	Thermocontrol	
1300	1,00 ST	<p>Coolant unit with chip container Tank capacity 100 l, pump capacity 60 l/min. at 1 bar</p>	
1400	1,00 ST	<p>Socket 230 V at control panel</p>	
1500	1,00 ST	Cabinet cooler as a door mounting unit	
1600	1,00 ST	Automatic central grease lubrication	
1700	1,00 ST	Installation elements	
1800	1,00 ST	<p>Basic package for machining from bar, consisting of:</p> <p>NC-rotary-table package, complete installed consisting of:</p> <ul style="list-style-type: none"> - NC-rotary-table, type AWU P 100 suited to inflexible table raster - 4th NC-axis, complete smallest increment 0,001° - pneumatic supply without control <p>Technical description for NC-rotary-table: repetition accuracy $\pm 30''$, max. spindle rotation speed 80 min⁻¹ Spindle with pneumatic clamping, centre height 125 mm, face plate dia. 100 mm, with centre bore dia. 50 +0,012, through hole 35 mm, fixture pin dia. 10 h7 4 fixture holes M8 Switch for end of bar mounted outside of the machine enclosure Opening at machine enclosure on left hand side</p>	

Loading door

as two splitted sliding door to the left „closing“



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1900	1,00 ST	Wash gun	
2000	1,00 ST	- Documentation -	
2100	1,00 ST	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	
2200	1,00 ST	Machine colour Two-components-structure varnish - 2 colours light grey acc. to NCS S1502-B basalt grey acc. to RAL 7012	
2300		Main circuit 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°	
2400		Information Export We point out that the CNC-machining centres are subject to controls. For the export from the European Union an export license is necessary.	
2500		Information Machine safety 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.	
2600		Information Coolant lubrication The machine is designed for standard water soluble coolant and fully enclosed at the standard version. The machine must be equipped with fume extraction. The machine contents different plastics, varnish, resin and glue, which are selected carefully for using coolant and cutting oil. The use of aggressive coolant and additive could cause major damages and machine stops. Contact in any case your coolant supplier before machine set-up and installation.	

