

Data sheet I CHIRON FZ 08 KS no. 213-39

Pos.	Qty.	Description	Price
100	1,00 ST	<p>Completely refurbished vertical machining centre CHIRON FZ 08 KS no. 213-39</p> <p>Year of construction: 2001, weight: 2.000 kg</p>	
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	<p>Machine enclosure</p> <p>bolted on, with loading door, electrically interlocked, 2.000 mm high above floor, incl. machine lamp</p>	
500	1,00 ST	<p>Fixed table with chip pan</p> <p>clamping surface 620 x 270 mm² with grid M16 x Ø 15 H7 x 50 mm table loading capacity max. 150 kg</p> <p>Remark: With normal conditions the machine does not have to be anchored to the floor. (For slippery floors we recommend anchoring.)</p>	
600	1,00 ST	<p>Travel:</p> <p>X-axis 300 mm Y-axis 250 mm Z-axis 250 mm</p>	
700	1,00 ST	<p>High speed spindle</p> <p>2,0 kW at 100% 3,7 kW at 25% Spindle speed range: 20 – 27.000 rpm – 8 Nm max. spindle speed in less than 2 sec.</p> <p>Drilling capacity Ø 12 mm Tapping capacity M 8 Milling capacity 20 cm³/min</p>	
800	1,00 ST	<p>Automatic tool changer</p> <p>Tool places 23 as chain magazine (without basket changer) added as Pick-up Version integrated in the machine side protected against chips (precondition for inside tool cooling) (only toolholders HSK-A 32 DIN 69893 usable) Tool shaft HSK-A 32 DIN 69893</p>	



Data sheet I CHIRON FZ 08 KS no. 213-39

Pos.	Qty.	Description	Price
		Tool- \varnothing max. 40 mm Tool- \varnothing if adjacent places are free 50 mm Tool length 160 mm Tool weight max. 0,7 kg Tool change time approx. 0,8 s (depends on CNC) Chip-to-chip-time approx. 2,2 s (depends on CNC)	
900	1,00 ST	FANUC 16i M - 3-axes continuous path control 9.5" LCD monochrom screen memory capacity 32 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 reader connection RS 232C software-limitswitch NC-diagnosis machine diagnosis	
1000	1,00 ST	Installation elements	
1100	1,00 ST	Wash gun	
1200	1,00 ST	Working hours and piece counter in the screen	
1300	1,00 ST	Socket 230 V at control panel	
1400	1,00 ST	Cabinet cooler as a door mounting unit	



Data sheet I CHIRON FZ 08 KS no. 213-39

Pos.	Qty.	Description	Price
1500	1,00 ST	Automatic loading door of total enclosure opening and closing	
1600	1,00 ST	Coolant unit with chip container Tank capacity 100 l, pump capacity 60 l/min. at 1 bar	
1700	1,00 ST	Metal frame with 2-parts sliding door and Polycarbonate-windowpanes	
1800	1,00 ST	Machine preparation for through tool coolant system including	
1900	1,00 ST	Glass scales maker HEIDENHAIN, overpressured in all axes X, Y, Z = 300 x 250 x 250 mm Remark: Zero-point start-up recommended	
2000	1,00 ST	Pneumatic-connection uncontrolled	
2100	1,00 ST	Pneumatic-connection controlled	
2200	1,00 ST	Extension of the Fanuc 16i M	
2300	1,00 ST	High speed skip and extended macro variables (fast measuring input)	
2400	1,00 ST	4./5. NC-axis, ready for plug-in	
2500	1,00 ST	Data server with Ethernet card	
2600	2,00 ST	ATA-card with 660 MB	
2700	1,00 ST	RISC-processor incl. HPCC	
2800	1,00 ST	LCD colour screen 10,4"	
2900	1,00 ST	- Documentation -	
3000	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	
3100	1,00 ST	Machine colour Two-components-structure varnish - 2 colours light grey acc. to NCS S1502-B basalt grey acc. to RAL 7012	



Data sheet I CHIRON FZ 08 KS no. 213-39

Pos.	Qty.	Description	Price
3200		<p>Main circuit</p> <p>total power supply 400 / 230V \pm 10 %, 50 cycles N/PE, neutral conductor, load possible, pressure supply 6 bar, \pm 1 bar at all procedures, room temperature max 40°</p>	
3300		<p>Information Export</p> <p>We point out that the CNC-machining centres are subject to controls. For the export from the European Union an export license is necessary.</p>	
3400		<p>Information Machine safety</p> <p>The machine is designed and built in accordance with the European machine guideline, according placing the product on the first time onto the market.</p> <p>Other safety features due to special company rules and specifications can be considered. The actual cost will be invoiced.</p>	
3500		<p>Information Coolant lubrication</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>	

