

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

Pos.	Qty.	Description	Price
100	1,00 ST	Completely refurbished vertical machining centre CHIRON FZ 08 KS no. 213-39 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 2,0 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. Drilling capacity Ø 12 mm Tapping capacity M 8 Milling capacity 20 cm ³ /min	
800	1,00 ST	Automatic tool changer 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	



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>	

