

Data sheet I CHIRON FZ 08 KSM Nr. 415-02

Pos.	Qty.	Description	Price
100	1,00 ST	Partly refurbished vertical machining centre CHIRON FZ 08 KSM no. 415-02 Year of construction: 2005, weight: 3.400 kg	
200	1,00 ST	According to described below scope of delivery	
300	1,00 ST	Column moving machining centre with fixed table Guideways with long-term-grease lubrication	
400	1,00 ST	Machine enclosure with full enclosed workspace with loading doors, electrically interlocked, 2070 mm high above floor, including machine lamp	
500	1,00 ST	Digital main drive with spindle 7,0 kW at 100 % 9,0 kW at 25 % - 11 Nm watercooled Spindle speed range up to 30.000 rpm Acceleration and deceleration 0 - 30.000 rpm ca. 1,9 sec. each drilling capacity in St 60 Ø 12 mm tapping M 8 milling capacity in St 60 30 cm ³ /min	
600	1,00 ST	Travel: X-axis 450 mm Y-axis 270 mm Z-axis 280 mm	
700	1,00 ST	Automatic tool changer via blow out air No. of tools 24 Tool shaft HSK-A 40 DIN 69893 Max. tool dia. max. 50 mm Max. tool dia. max. 100 mm if adjacent places are free Tool length max. 160 mm Max. tool weight max. 1,2 kg (max. magazine loading 20 kg) Tool change time appr. 0,8 s (depends on control) Chip-to-chip-time appr. 1,9 s (depends on control)	



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800	1,00 ST	<p>Digital feed drives for X-, Y- and Z-axis with digital direct drives and indirect absolut path measuring system rapid traverse in X- and Y-axes and Z-axis 60 m/min, acceleration: 1,0 g in X-axis 1,5 g in Y-axis 2,0 g in Z-axis Remark: With normal conditions the machine does not have to be anchored to the floor. (For slippery floors we recommend anchoring.)</p>	
900	1,00 ST	<p>FANUC 18 i - 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 Slot for PCMCIA memory card Interface RS 232C on the side at the control panel software-limitswitch NC-diagnosis machine diagnosis</p>	
1000	1,00 ST	Thermocontrol	
1100	1,00 ST	<p>Thermodrive with indirect path measuring system</p>	
1200	1,00 ST	Installation elements	
1300	1,00 ST	Wash gun	



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Pos.	Qty.	Description	Price
1400	1,00 ST	Working hours and piece counter in the screen	
1500	1,00 ST	Socket 230 V at control panel	
1600	1,00 ST	Socket for portable mini-hand wheel without emergency stop button, at control panel	
1700	1,00 ST	Cabinet cooler as a door mounting unit	
1800	1,00 ST	4. NC-axis read for plug-in	
1900	1,00 ST	Chip conveyor (scratch band) discharge height 490 mm, tank capacity appr. 110 l pump capacity 110 l/min at 1,9 bar	
2000	1,00 ST	Automatic loading door of total enclosure opening and closing, actuating via push button at control panel	
2100	1,00 ST	Signal lamp on machine enclosure for 3 signals Signal "red" = failure Signal "white" = load machine Signal "green" = machine is running	
2200	1,00 ST	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	
2300	1,00 ST	- Documentation -	
2400	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	
2500	1,00 ST	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	



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Pos.	Qty.	Description	Price
2600		<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>	
2700		<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>	
2800		<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>	
2900		<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>	

