

Pos.	Qty.	Article Description	Price / €
------	------	---------------------	-----------

Machine description | CHIRON FZ 15 W no. 148-27

- | | | | |
|---|---|---|--|
| 1 | 1 | Completely refurbished
vertical CNC-machining centre model CHIRON FZ 15 W
Year of construction: 2004, weight: 7.820 kg | |
|---|---|---|--|

Machine-No. 148-27



Machine image similar.
The equipment of the sample photo isn't binding.

GB | Data sheet | ref 148-27.docx

CMS-GmbH
take-off Gewerbepark 125
D-78579 Neuhausen ob Eck
Amtsgericht Stuttgart HRB 451099

Tel.: +49 (0)7461 / 940 3700
Fax: +49 (0) 7461 / 940 53700
cms@chiron.de
www.cms-retrofit.de

page 1 of 6

Geschäftsführer:
Rui Böninger

05.02.2020

Deutsche Bank Tuttingen
BLZ 653 700 75, Kto.-Nr.: 2208 148
Steuer-Nr. 21101/01726, Ust.-Id.-Nr. DE 812948040
IBAN : DE42653700750220814800
SWIFT : DEUTDESS653



Pos.	Qty.	Article Description	Price / €
------	------	---------------------	-----------

Machine description | CHIRON FZ 15 W no. 148-27

700	1	<p>SIEMENS CNC-control 840D (PCU 20 / NCU 572.3, 6 measuring cycles, 1 channel) incl. 10,4" TFT colour LCD screen / full keyboard OP010S NC-memory 256 KB (max.200 programmes storage capacity) for ISO 66025 programming 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 crossing radius 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) orientated spindle stop drip feed function through V24 interface dimension metric or inch software limit switch NC-diagnosis machine-diagnosis absolute indirect path measurement systems powermeter in screen rigid taping Look ahead</p>	
800	1	<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>	



Pos.	Qty.	Article Description	Price / €
Machine description CHIRON FZ 15 W no. 148-27			
900	1	Working hours and piece counter in the screen	
1000	1	Socket 230 V at control panel	
1100	1	Socket for portable mini-hand wheel without emergency stop button, at control panel	
1200	1	Cabinet cooler as a door mounting unit	
1300	1	Machine enclosure with sliding doors, electrically interlocked, 2200 mm high above floor, incl. machine lamp service friendly with removable side walls vertical bellows	
1400	1	Chip conveyor (scratch band) with lateral discharge, discharge height 1050 mm, tank capacity 300 ltr., with pump capacity 300 l/min. at 1,3 bar incl. bed flush	
1500	1	Coolant equipment tank capacity 900 l, pump capacity 200 l/min. at 2,0 bar (the pump in the chip conveyor becomes the lift pump) and HP-pump 20 l/min at 30 bar HP-cycles with coolant cleaning via PF 50 and DSF incl. bed flushing system and middle center divider	
1600	1	Mini-operating panel with start and receipt push buttons, for pallet recognition M61/M62	
1700	1	Installation elements	
1800	1	Wash gun with each 1 connection and quick coupling in loading- and working area	
1900	1	Central pneumatic connection Uncontrolled with 2 connection couplings	



Pos.	Qty.	Article Description	Price / €
------	------	---------------------	-----------

Machine description | CHIRON FZ 15 W no. 148-27

- | | | | |
|------|---|---|--|
| 2000 | 1 | <p>Machine preparation
for through tool coolant system including:</p> <ul style="list-style-type: none"> - Sealing system in the DIN 69893 HSK A63 collet - coolant distributor installed at the main spindle drive - Coolant leakage sensor - Implemented mud flap in the high pressure piping - Solenoid valve, controlled via machine program | |
| 2100 | 2 | <p>NC-rotary-table package complete installed consisting of:</p> <ul style="list-style-type: none"> - NC-rotary-table, type RT 160 (no. 13414 and 10947) - 4th and 5th NC-axes, complete - 2 adapter-plates for center height 200 mm - central pneumatic supply without control <p>Peiseler conversion in z-drive
Motors digital</p> <p>Technical description for NC-rotary-table:
center height 165 mm, repetition accuracy $\pm 15''$,
face plate dia. 160 mm, with center bore dia. 50 +0.012,
fixture pin dia. 16 h7, 4 fixture bores M10,
incl. pneumatic clamping</p> | |
| 2200 | 2 | <p>CHIRON standard fixture for rotary table
with hydraulic actuated counter bearing
bridge size 580 mm
existing of:</p> <ul style="list-style-type: none"> - adaptor plate
(instead of the adapter plate on the rotary package) <p>mountable and demountable on the work piece changing device</p> <ul style="list-style-type: none"> - counter bearing with pneumatic clamping - cheek with "Quick-Locator" - 2 x 1-core energy supply - centre height 165 mm over base plate | |
| 2300 | 1 | Fully enclosed working area | |
| 2400 | 1 | <p>Suction point
for customer specific installation
\varnothing 200 mm on top of the machine enclosure</p> | |



Pos.	Qty.	Article Description	Price / €
------	------	---------------------	-----------

Machine description | CHIRON FZ 15 W no. 148-27

- | | | | |
|------|---|---|--|
| 2500 | 1 | <p>Central hydraulic and pneumatic supply
 prepared for max. 20 connections,
 6 connections are installed including connecting couplings,
 4 for hydraulic, max. 210 bar and
 2 for pneumatic without control.
 Installation up to the outside of machine bed, with electrical
 control for clamping ON - OFF via push button at control panel</p> | |
| 2600 | 1 | <p>Hydraulic unit
 continuous duty
 at switch cycles less than 30 seconds
 pressure: 210 bar
 supply capacity: 4,3 l/min.
 incl. valves for supply of 2 clamping devices
 and 2 pressure switches for clamping control</p> | |
| 2700 | 1 | <p>Cutting tools
 The cutting tools have to be balanced
 according to DIN ISO 1940, class G 2,5,
 in two levels, with max. operating speed</p> | |

Documentation

Operating manuals, programming and operating manuals 1-fold
 on a USB-Stick.
 Please refer to the manufacturer's instructions for each component.

Machine colour

Two-components-structure varnish - 2 colours
 light grey acc. to NCS S1502-B
 basalt grey acc. to RAL 7012

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°

