

## CNC Turning- and Milling Center

Stock number:	1070-100578
Type of machinery:	CNC Turning- and Milling Center
Manufacturer:	DMG MORI
Type:	NZX 2000 /800 STY3
Year:	2014
Control unit:	CNC
Maker of control unit:	MSX 711 CELOS (Fanuc 31 IA)
Country of origin:	Japan
Item location:	Germany
Delivery time:	Immediately
Freight basis:	EXW (Incoterms 2010) free loaded on truck



### Seller



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### Technical specs

standard turning dia.:	200
turning length:	max. 810 mm
control:	MSX-711 CELOS (Fanuc 31 IA)
greatest pass round over bed:	800 mm
Max. distance between centres:	1130 mm
bar material dia.:	65 mm
max. turning diameter:	320 mm
max. workpiecediameter:	300 mm
Traverse X-Axis 1:	210
Traverse X-Axis 2:	210 mm
Traverse X-Axis 3:	210 mm
Traverse Y-Axis 1:	110 (+65/-45) mm
Traverse Y-Axis 2:	110 (+45/-65) mm
Traverse Y-Axis 3:	110 (+65/-45) mm
Traverse Z-Axis 1:	280 mm
Traverse Z-Axis 3:	280 mm
Traverse Z-Axis 2:	820 mm
Traverse B-Axis:	870 mm
Main spindle:	
turning speed range - spindle:	5.000 U/min
Spindle 1 Power:	25 / 22 kW
Number of spindle speed ranges:	2 .
spindle nose:	JIS A2-6
spindle bore:	73 mm
spindle bearing diameter:	120 mm
C-Axis:	0,001 °
Subspindel:	
turning speed range - spindle:	5.000 U/min
Spindle 2 power:	25 / 22 kW
Number of spindle speed ranges:	2 .

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spindle nose:	JIS A2-6
spindle bore:	73 mm
spindle bearing diameter:	120 mm
C-Axis:	0,001 °
Turret:	.
Number of Turrets:	3 .
Number of tool stations:	16 x 3=48 pos
Schank height for square tool:	20 mm
Diameter of boring bar:	32 mm
turret changing time (4-stations):	0,18 sec
Number of driven tools:	16 x 3=48 pos
max. spindle speed driven tools:	6.000 U/min.
power capacity - driven tools:	7,5 / 5,5 kW
Rotary tool machining ability:	M16 / Ø16 .
rapid traverse X-axis:	30 m/min
rapid traverse Y-axis:	20 m/min
rapid traverse Z-axis:	50 m/min
total power requirement:	92,7 kVA
weight of the machine ca.:	9,4 t
dimensions of the machine ca.:	4,0 x 2,8 x 2,4 m
collet chuck:	2x
Interface for coolant through spindle form A:	
hobbing function:	mm

### Accerories

Chip conveyor:	
Coolantsystem:	
C-axis in main and sub spindle:	
Y-axis:	3 x
bar feeder interface:	
bar feeder:	IEMCA Master 870 UP
part counter:	
total counter:	
tool setting:	
Overhead partsgrripper with conveyor belt.:	
Coolant through milling spindle 50 bar:	

### Description

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The NZX 2000/800 STY3 has 2 spindles and 3 turrets, and all 3 turrets have the Y-axis function and built-in milling motors. This not only allows synchronized machining using 3 turrets, but also achieves heavy-duty cutting and high-speed machining using rotary tools thanks to the built-in motor turrets. What's more, due to its outstanding process integration, the machine with the 3-turret, 2-spindle specifications will reduce machining time by approximately 60% compared with conventional machines.

Turret 1 and 3 have hobbing function.