MULLER MACHINES SA
top second hand and new precision machine tools

www.mullermachines.ch

SAM 022496 **INDEX Type ABC 65**

Group	CNC Turning-Milling-Drilling Center
Manufacturer	INDEX
Type	ABC 65
Controller CNC	SIEMENS SINUMERIK 840 D
Year	2013
Youtube video	https://www.youtube.com/watch?v=xbsx-1v_9k0

Number of turning spindles	2
Number of revolvers	2
Spindle head	ISO 702/1
Spindle hole	65 mm
Spindle diameter	140 mm
Turret carriage:	
Carriage 1:	
Longitudinal travel (Z-axis)	300 mm
Transversal strocke (X axis)	140 mm
Transversal travel (y-axis)	100 mm
Carriage 2:	
Longitudinal travel (Z-axis)	300 mm
Transversal strocke (X axis)	140 mm
Transversal travel (y-axis)	100 mm
Turret slide: number	2
Number of positions turret 1	10
Number of positions turret 2	9
Number of positions turret back side	8
Driven tools turret 1	10
Driven tools turret 2	9
Driven tools back side	5
Spindle speeds	12000 t/min
Tool shank cross section	45 mm
Power of driven tools	7.5 / 9 kW
Indexing time	0.4 s
Main spindle:	
C axis (spindle,resolution)	0.001 °
Spindle speeds:	
stepless	
from	0 t/min
up to	6000 t/min
Spindle power	25 / 35 kW
Torque max.	80 / 120 Nm
Back spindle mobile:	
max. speed	6000 t/min
Internal spindle diameter	65 mm
Spindle diameter	110 mm
C axis (spindle,resolution)	°
Power of back spindle	5 / 9 kW
Torque max.	10.5 / 20 Nm

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Rapid traverse X	30 m/min
Rapid traverse Z	50 m/min
Voltage 50 Hz 3x	400 Volt
Total power required	41 kW
Machine's weight about	6500 kg
Overall dimensions machine:	
Length	3600 mm
Width	1'280 mm
Height	1950 mm

Various accessories:

Collet device	
Lamp	
Water cooler	
Coolant system	300 l
High pression colant device	80 bar
Paper filtration system	
Interface USB	
Automatic parts removal	
Workpiece conveyor	
Chip conveyor	
Set of toolholders	

Notes:

Z-axis revised	2023

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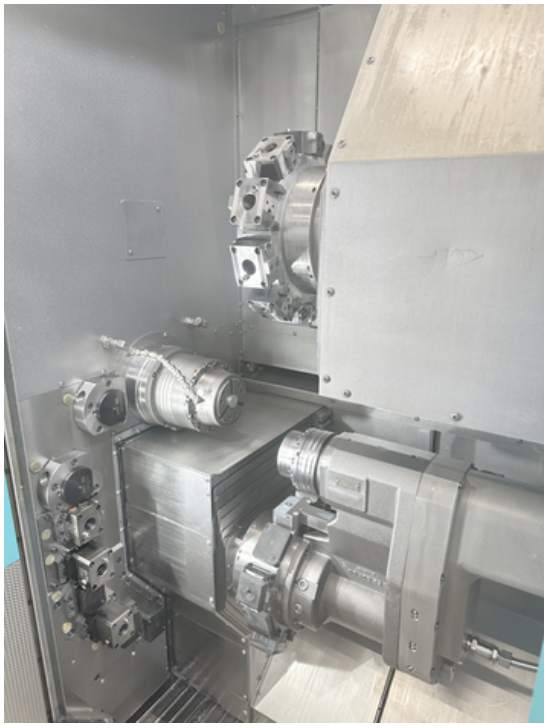

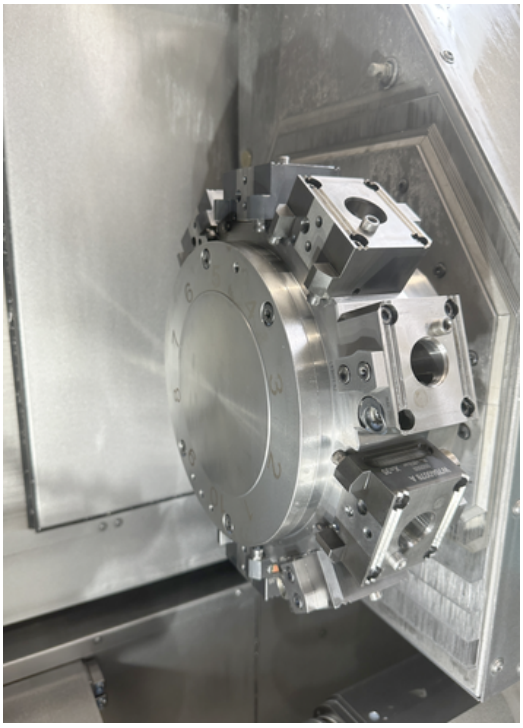

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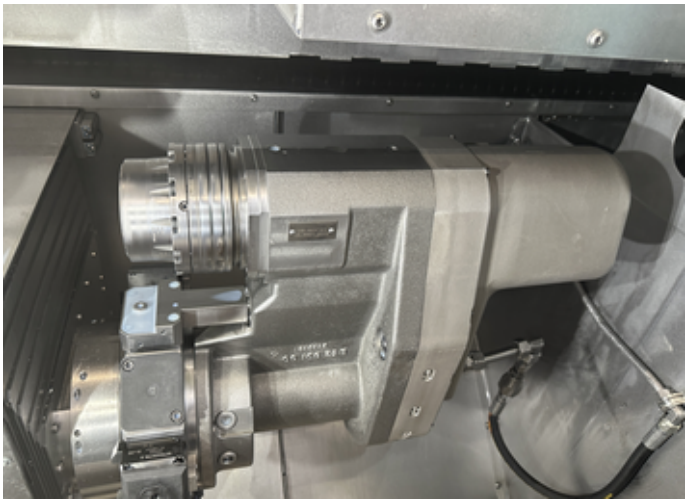

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