

# NCM 2040



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Chassis Type	Steel
Working surface (mm)	2000X4050
Gantry - table distance (mm)	190
Maximum working speed (mm/min)	50.000
Z axis speed (mm/min)	20.000
Acceleration (m/s <sup>2</sup> )	2
Motorisation	Servo motors
Planetary gear	<3 arc min
X and Y transmission	Rack + helical pinion
Z transmission	P5 ball screws
Resolution	12 µm
Guide rails	Linear guide rails
Spindle ATC	800HZ - ISO 30 pneumatic
Power (Kw)	9
Speed (RPM)	24.000
Cooling	Forced air (ventilation)
Tool rack (slots number)	24
Table	Vacuum bed
Vacuum areas	8 electronic areas
Vacuum pump power (Kw)	7.5
Vacuum power Kg / mp	>1000
Exhaust power (Kw)	2
Controller	Masso
Optional	NCT 304
Power supply	380 V three-phase - 32A
Diferencial circuit breaker **	300mA
Dry compressed air pressure**	8 bar
Minimum air flow (l/min)	450
Operating temperature	15°C - 35°C
Weight (Kg)	2200
Size LxLxH (mm)	4720x2500x2100 (*2850)
*with mounted exhaust hose support	
**to be supplied by customer	

# Installation Requirements

## **FLOOR**

Painted or tiled concrete slab.

Non-rigid floors can affect the stability of the machine and are not recommended (wooden joists, floating parquet with foam, etc.)

## **OPERATING TEMPERATURE**

Between 10 to 35°C

## **POWER SUPPLY**

400V three-phase + neutral + earth.

32A curve D circuit breaker. 300mA differential circuit breaker.

Arrival required in the immediate vicinity of the control cabinet.

## **COMPRESSED AIR**

Pressure strictly between 8 and 10 bars. Compulsory air drying device(4)

Flow greater than 350 l/ min.

## **CEILING HEIGHT**

Greater than 2750 mm.

Below this value, the suction hose holding rod can no longer be used and another hose holding mode must be made on site (rail + sliding parts, elastic strap, etc.). In any case, the ceiling height cannot be less than 2400 mm.

## **HANDLING MACHINE**

For lifting, only use the sheaths located under the frame. Check the capacities of the forklift before any handling.

To move the machine on the ground, two conventional pallet trucks (2500 Kg) can be used on either side of the frame.

(4) The "parts" warranty does not cover damage caused to pneumatic elements (milling spindle, solenoid valves, FRL, pressure sensor, etc.) by the presence of humidity in the compressed air.