



REF. 06714

Machine MACHINING CENTRE /
MILLING MACHINE CNC
GANTRY TYPE

Brand CMS

Model POSEIDÓN
26/75/13 – KX5-32

- FANUC 31i-B5 CNC
-5-AXES MILLING
HIGH SPEED

Main Technical Data

➤ **Axes configuration:**

Axes travel mm	Axes max fast speed m/min	Accelerations m/ s ²	Bidirectional accuracy P	Unidirectional repeatability Ps
X = 7.500 mm	85 m/min.	3,0 m/ s ²	0,050 mm	0,030 mm
Y = 2.600 mm	85 m/min.	3,0 m/ s ²	0,040 mm	0,023 mm
Z = 1.300 mm	45 m/min.	3,0 m/ s ²	0,030 mm	0,019 mm
C= ± 300°	9.000°/min	500 °/s ²	20 arc/sec	10 arc/sec
B= ± 110°	9.000°/min	500 °/s ²	20 arc/sec	10 arc/sec

➤ Armored linear measuring systems :
 Armored optical rules in X, Y & Z axes
 Rotary encodes in C & B axes

➤ Universal head with tool change

➤ Electrospindle: Power

Rotation maximum speed

Cooling system

Tool holder connection

Bearings

Torque (S1 / S6).

Specifications for ravaging up to 6mm of aircraft aluminium

Heidenhain LB382
 Heidenhain ERM2200
 KX5

32 kW a 4.000 rpm

24.000 rpm

Liquid by closed circuit

HSK 63A

Ceramic

68 / 100 Nm

cutting pass

➤ Tool magazine of 16 stations

➤ Suction hood in electrospindle

➤ Tool lubrication system:

Control unit and installation : Type Oil-mist tank of 6 litres

Devices: Rotating axis position control and tool length measurement

➤ Radio Probe: Installation preparation for electronic measurement probe (not included)

➤ mounted on tool holders with radio transmission of the signal.

➤ Laser Tool Probe: Laser system for measuring and controlling tool breakage that allows the following operations through prepared cycles:

Tool length and diameter measurement. Check tool wear and breakage.

➤ Foundry table monoblock of 2.500 x 7.000 mm, height 300 mm, T-slots of 22 mm

➤ Fanuc 31i-B5 Stand Alone Numeric Control

➤ Compaq/HP DC7700 SFF personal computer

➤ Fanuc portable console with portable keyboard with remote diagnosis (Teleservice)

➤ Separate electrical cabinet on the right side of the machine with air conditioner.

➤ YEAR OF MANUFACTURE: 2014

(Characteristics based according to technical data)