

EMC 21

COMPACT CNC 3 TO 5 AXIS

 **SWISS** ENGINEERING
MANUFACTURING

Swiss quality

Reliability | Repeatability

Productivity | Userfriendly

centagora

Production with minimal variance

- Positional Resolution : 0.1 μm
- Repeatability : $\pm 2 \mu\text{m}$

Compact design :

Length : 2,76 m
Width : 1,33 m
Height : 2,45 m

Easy

cleaning and maintenance

User-friendly

interface with advanced functions for quick and easy to use

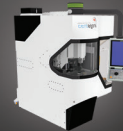
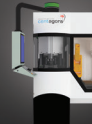
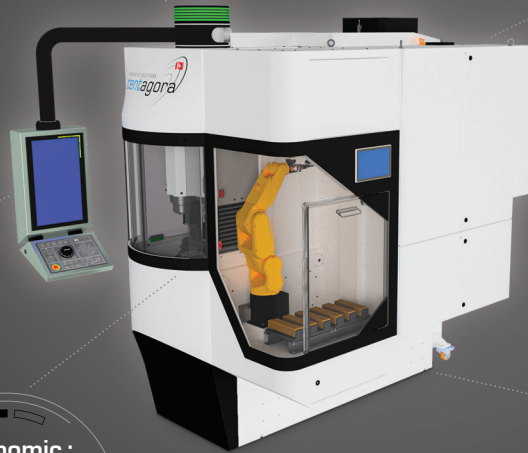
Ergonomic :

Direct view on the milling area

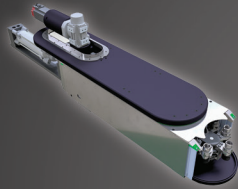
Milling area : 200 x 200 mm

Coupled with a robotic cell

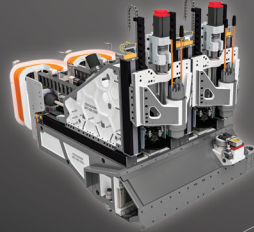
for a greater autonomy



Automatic Tool Changer :
Counter spindle tool magazine
can hold 40 tools

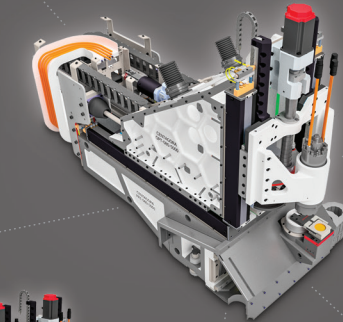
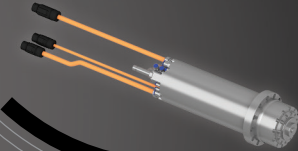


Heavy cast construction :
vibration free
with an absolute
rigidity



High performance powered spindle
specially designed for Centagora

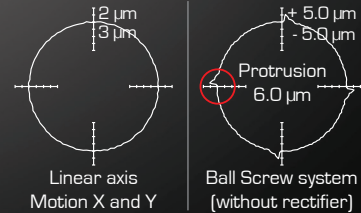
Maximum Speed	50'000 rpm
Spindle Power	7.5 kW
Tread Machining	Rigid tapping Tension/Compression Tread Mill
Lubrication	Central, 120 bar
Tool holders compatibility	HSK 25 / HSK 32 / ISO 25



Scalable solution
Increase productive capacity
by adding an additional spindle

Manufacture complex parts
by adding extra axis

Linear axis:
High acceleration (2G)
Perfect circularity of milling



INNOVATIVE SOLUTIONS

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