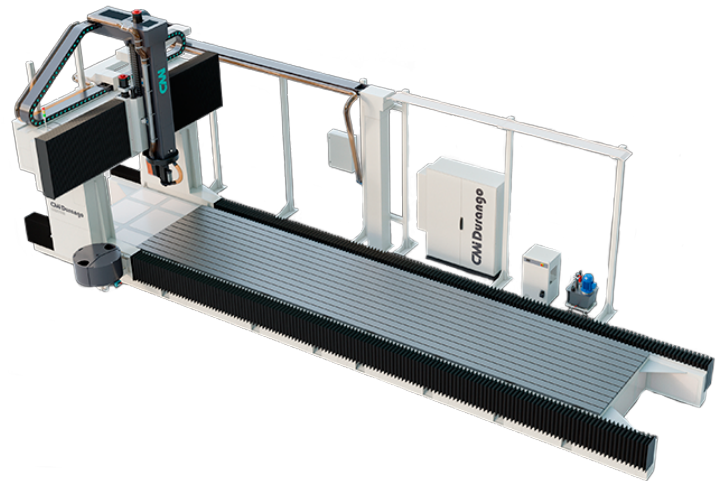


CRETUM R00 for hard materials

Milling machine for hard materials such as aluminum, steel, or cast iron.
Available in 3-axis and 5-axis versions.

APPLICATIONS:



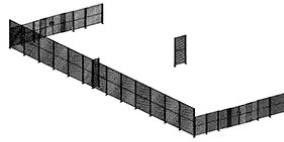
CRETUM FOR HARD MATERIALS Technical specifications

X-axis travel (mm)	5000 - 20000
X-axis transmission	Motor - Gearbox - Pinion - Rack
X-axis guide system	Linear guides and carriages
X-axis speed (mm/min)	40
X-axis measuring system	Yes
Y-axis travel	1000 - 5000
Y-axis transmission	Motor - Gearbox - Pinion - Rack
Y-axis guide system	Linear guides and carriages
Y-axis speed (mm/min)	40
Y-axis measuring system	Yes
Z-axis travel (mm)	500 - 1750
Z-axis transmission	Motor - Gearbox - Ballscrew
Z-axis guide system	Linear guides and carriages
Z-axis speed (mm/min)	24
Z-axis measuring system	Yes
Heads	HSD / CYTEC / EMENA / IMATECNO
Max. milling power (kW)	60
Max. milling speed (rpm)	24000
Positioning accuracy	According to ISO 8636-2 (in temperature variation conditions $\pm 2^{\circ}\text{C}$)
Straightness accuracy	According to ISO 8636-2 (in temperature variation conditions $\pm 2^{\circ}\text{C}$)
Control	SIEMENS / HEIDENHAIN / FANUC / FAGOR

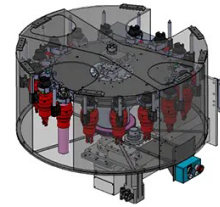
Standard accessories



CONTACT
TOOL PROBE



PERIMETER
SAFETY ENCLOSURE



TOOL CHANGER
Soft materials - >15 tools
Hard materials - >30 tools

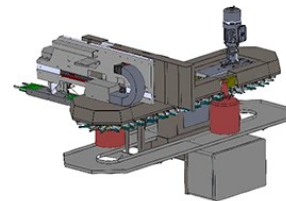
Optional accessories (soft and hard materials)



LASER
TOOL PROBE



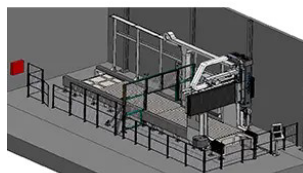
WORKPIECE
PROBE



TOOL CHANGER
40, 50, 100 TOOLS



CHIP
EXTRACTORS



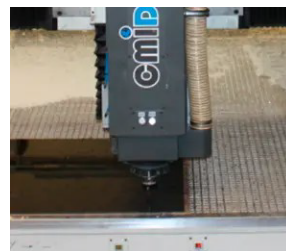
DUAL
WORK ZONE



DUST EXTRACTION UNIT /
EXTRACTION HOOD



VACUUM SYSTEM /
EXTRACTION HOOD



FULL
ENCLOSURE

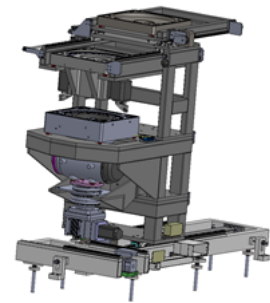
Optional accessories (hard materials only)



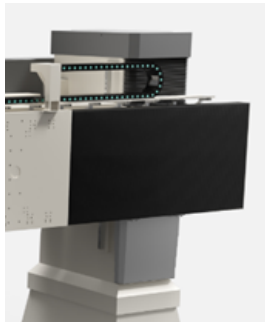
INTERNAL AND EXTERNAL
COOLING UNIT



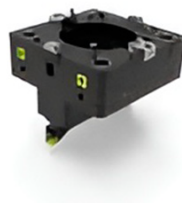
MQL



HEAD CHANGER



MOVABLE GANTRY
FOR HEADS



HEADS