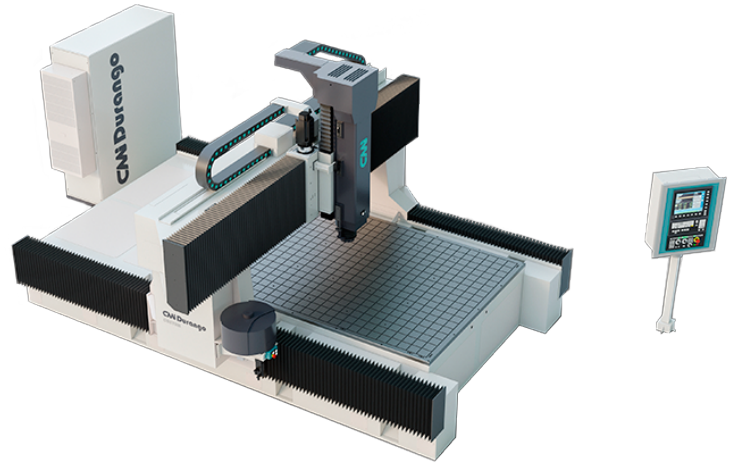


# CRETUM R00 for soft materials

Milling machine for soft materials such as composite, plastic, or aluminum.  
Available in 3-axis and 5-axis versions.

## APPLICATIONS:



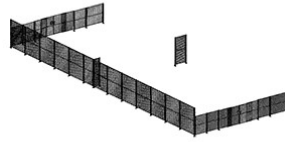
## CRETUM FOR SOFT MATERIALS Technical specifications

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	Basic: No (motor encoder) / Premium: Yes
Y-axis travel	1500 - 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	Basic: No (motor encoder) / Premium: 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)	30
Z-axis measuring system	Basic: No (motor encoder) / Premium: Yes
Heads	HSD / CYTEC
Max. milling power (kW)	28
Max. milling speed (rpm)	24000
Positioning accuracy	Basic: $\pm 0,03$ / Premium: $\pm 0,005$ (in conditions of $\pm 2^{\circ}\text{C}$ temperature variation)
Straightness accuracy	$\leq 0,03$ mm/m (in conditions of $\pm 2^{\circ}\text{C}$ temperature variation)
Control	SIEMENS / HEIDENHAIN / FANUC / FAGOR

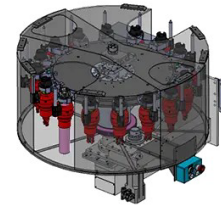
## Standard accessories



CONTACT  
TOOL PROBE



PERIMETER  
SAFETY ENCLOSURE



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

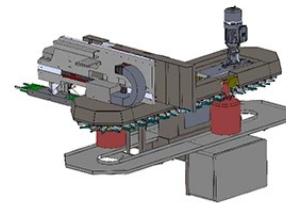
## Optional accessories (soft and hard materials)



LASER  
TOOL PROBE



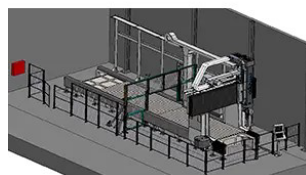
WORKPIECE  
PROBE



TOOL CHANGER  
40, 50, 100 TOOLS



CHIP EXTRACTORS



DUAL  
WORKZONE



DUST EXTRACTION UNIT /  
EXTRACTION HOOD



VACUUM SYSTEM /  
VACUUM TABLE



FULL  
ENCLOSURE