

# GLACIER5



## COMMON MATERIALS



Wood



Composites



Aluminum



Plastics



Foam



Explore the pinnacle of manufacturing innovation with the Glacier5, our **advanced 5-axis CNC machine**. Designed with a fully enclosed architecture for those who demand **precision and versatility**, Glacier5 revolutionizes the way you work with a wide array of materials and material presentation options. From **intricate aerospace components to complex automotive parts**, this machine offers **unmatched accuracy, speed, and adaptability**. Tailored solutions and expert support ensure that **your manufacturing needs are met with the highest standards**. Elevate your production capabilities and achieve excellence with Glacier5.

## KEY BUYER BENEFITS

- 1. ENHANCED PRECISION:** superior accuracy for complex geometries
- 2. MATERIAL VERSATILITY:** capable of processing a diverse range of materials
- 3. ADVANCED TECHNOLOGY:** state-of-the-art 5-axis functionality
- 4. CUSTOMIZATION OPTIONS:** adaptability to meet specific production requirements
- 5. DEDICATED SUPPORT:** comprehensive after-sales support and warranty

# TECHNICAL DATA

MIN - MAX AXES STROKES					TRANSMISSION TYPE	MOTOR ENCODERS	FEEDBACK ENCODERS	MACHINE ENVELOPE	MAX ACCURACY	TOOLCHANGER	
X	Y	Z	B	C						STANDARD OPTION(S)	
										TYPE	MAX TOT
5'/12'	5'/10'	1830 (72")	'(+/-) 115°/130°	DMS:(+/-) 363° (OPT. CONTINUOUS) HITECO: (+/-) 320°	SPINNING BALL NUT & RECIRCULATING BALL SCREW ON BRIDGES UP TO 14'(4267MM), GANTRY ALWAYS RACK & PINION	ALL ABSOLUTE  *EXCEPTION = ROTARIES ARE INCREMENTAL W/ CONTINUOUS C OPTION	SCALES AVAILABLE AS OPTION	BRIDGE LENGTH: 5', 6', 7', 8', 10', 12'  DEPTH: 4', 5', 6'	.002"-.005"	RACK CAROUSEL MANUAL	10 / 12

## OPERATING UNITS AND SPINDLES

MAX POWER	MAX RPM	SPINDLES RANGE (MIN-MAX KW)	UNITS RANGE
20KW	24000	8-20 KW	TILT K PLUS, TILT H PLUS, TILT V, TILT W, DMS STANDARD YOKE, DMS CAST YOKES

## DYNAMIC PERFORMANCES

AVG SPEED (AVERAGE 3 AXIS)	AVG. ACCELERATION
INCH/MIN	INCH/MIN <sup>2</sup>
1333	70

## CNC

HMI + NCs
FAGOR + FAGOR

### DMS

Phone: 855.266.5064  
 Email: info@dmscncrouters.com  
 Web: dmscncrouters.com

