

# REDWOOD3



## COMMON MATERIALS



Wood



Composites



Aluminum



Plastics



Foam



Redwood 3, a pioneering evolution of the renowned Redwood series, now with a **3-axis design tailored for those who demand precision and flexibility** in their manufacturing processes. This machine inherits the robust and reliable foundation of the DMS Redwood, yet it's optimized for a broad spectrum of materials with a **focus on efficiency and precision**. The Redwood3 offers the **perfect balance of high-speed performance and accuracy**, enhanced by top-tier professional support and customization options to meet your specific production requirements. Elevate your manufacturing capabilities with the Redwood3 our most robust 3 axis platform.

## KEY BUYER BENEFITS

- 1. PRECISION MANUFACTURING:** optimized for accuracy in 3-axis cutting
- 2. MATERIAL VERSATILITY:** effective on a wide range of materials
- 3. CONTINUOUS OPERATION:** built for reliability and endurance
- 4. CUSTOMIZATION FLEXIBILITY:** options to tailor to specific needs
- 5. EXPERT SUPPORT & WARRANTY:** comprehensive service and protection

# TECHNICAL DATA

MIN - MAX AXES STROKES				TRANSMISSION TYPE	FEEDBACK ENCODERS	MOTOR ENCODERS	MACHINE ENVELOPE	MAX ACCURACY	TOOLCHANGER	
X	Y	Z	C						STANDARD OPTION(S)	
									TYPE	MAX TOT
5'/20'	5'/100'	914 (36") / 1220 (48")	C-AXIS OPTIONAL	RACK & PINION	SCALES AVAILABLE AS OPTION	ALL ABSOLUTE	BRIDGE LENGTH: 5', 6', 7', 8', 10', 12', 15'  DEPTH: MULTIPLES OF 5' UP TO 100', 12', 22'	.002"-.005"	RACK CAROUSEL MANUAL	10

## OPERATING UNITS AND SPINDLES

MAX POWER (S1 / S6)	MAX RPM	SPINDLES RANGE (MIN-MAX KW)(S1)	UNITS RANGE
18KW / 21KW	24000	4.5-18KW	HITECO MT200, MT201 PT300, PT400, PT500

## DYNAMIC PERFORMANCES

AVG SPEED (AVERAGE 3 AXIS)	AVG. ACCELERATION
INCH/MIN	INCH/SEC <sup>2</sup>
2000	70

## CNC

HMI + NCs
FAGOR 8065

### DMS

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