

BRYCE3



COMMON MATERIALS



Wood



Composites



Aluminum



Plastics



Foam



The Bryce3 emerges as a **price and performance leading 3-axis CNC machine**, aligning the core strengths of the Bryce and Redwood series to render a rigid and reliable low Z 3-axis workhorse. This machine is engineered for **versatility**, offering **precision machining** across a broad spectrum of materials. With enhanced performance features, the Bryce3 is **designed to meet the diverse needs of modern manufacturing**, providing reliability, ease of use, and efficiency. It's the go-to solution for businesses seeking to elevate their production capabilities with a machine that offers both high quality and adaptability.

KEY BUYER BENEFITS

- 1. ENHANCED VERSATILITY:** Suitable for a wide range of materials
- 2. PRECISION MACHINING:** High accuracy in 3-axis operations
- 3. FOCUSED STRENGTHS:** Best in class for essential 3 axis machining/routing
- 4. RELIABILITY AND EFFICIENCY:** Optimized for consistent performance
- 5. EASE OF USE:** User-friendly interface for streamlined operation

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 |
| 5'6" | 5'12" | 305 (12'')/381 (15'') | C-AXIS OPTIONAL | RACK & PINION | N/A | ALL ABSOLUTE | 5'X (5', 10', 12', 15', 20', 25') 6'X(10', 12') | .0025"-.005" | RACK CAROUSEL MANUAL | 10 |

OPERATING UNITS AND SPINDLES

| MAX POWER (S1 / S6) | MAX RPM | SPINDLES RANGE (MIN-MAX KW)(S1) | UNITS RANGE |
|---------------------|---------|---------------------------------|-------------------------------------|
| 13KW / 15KW | 24000 | 4.5-13KW | HITECO MT200, MT201 PT300, PT400 |

DYNAMIC PERFORMANCES

| AVG SPEED (AVERAGE 3 AXIS) | AVG. ACCELERATION |
|----------------------------|-----------------------|
| INCH/MIN | INCH/SEC ² |
| 1850 | 60 |

CNC

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|------------|
| HMI + NCS |
| FAGOR 8065 |

DMS

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

