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1946**



Biesse Rover 24-FT 4 x 10 CNC Router

Machine: CNC Router

Brand: Biesse

Model Number: Rover 24-FT

Year of Manufacture: 2003

- X Axis travel = 122" (any unit), Y axis travel is 55" for routing, 50.4" for vertical drilling, and 36.1" for saw unit; Z axis stroke = 9.8" - 7" clearance so that a up to a 6.1" thick part can be loaded
- 10.2 HP Fully programmable cartridge type router spindle with ceramic bearings – HSK-F63 type ATC; variable speed from 1000 - 20,000 RPM, RH and LH programmable rotation, pneumatic stroke is on a prismatic linear guide for maximum strength and precision
- (14) Independent vertical spindles at 32 mm center distance, 7 of which are placed along X axis and 7 along Y axis with oval cylinder for higher thrust; (3) units for horizontal opposed boring, (2) of which are placed along X axis and (1) along Y axis to perform horizontal drilling on the 4-panel sides. 2.3 hp inverter driven motor, spindle rotation speed 4000 rpm
- The spindle is served by a 6-position revolving tool changer installed on the Z-axis board, it can perform the tool changes even during boring operations. Maximum tool diameter = 80mm, maximum tool height from collet edge = 110mm

- The machine has 4 external pop-up reference pins that are mounted on the back of the table for locating parts. Includes (2) Side Stops – (1) on the left side and (1) on the right side. On the front of each table there is the operational push buttons activating the start, stop, emergency, open and close clamp functions as well as vacuum meters for each individual zone
- Closed Loop Yaskawa AC brushless servomotors with digital drive units. Top quality linear guides provide the high precision linear tracking systems for the X, Y and Z-axes. The X-axis drive system utilizes a hardened, helical rack with hardened preloaded pinions for backlash compensation. Hardened, precision ground, recirculating ball screw drives the Y and the Z-axis. All linear guide systems and axis drive systems are automatically lubricated by the central lubrication system that is programmable by the Numerical Control
- The NC1000 Numerical Control is a PC, MS-Windows based technology featuring a unique double PC architecture: the PC front end for programming and operator interface, and a second PC as Real Time unit for PLC, and axis drives management. Remote keyboard for axes override and emergency push-button
- Machine interface computer: Intel Celeron CPU – 1.6 GHz, 128 MB Ram Memory; 20 GB Hard Disk, 15" Color Screen, USA Keyboard with 101 keys, Mouse; CD-Rom Reader, Operating System Microsoft Windows 2000 Professional
- 5 position Dust hood - CNC adjusted for optimum dust collection in any working conditions. Includes air blast nozzle that keeps tools cooler and provides more efficient dust collection. Includes back and side cage with emergency protected doors, wide three section safety mats. The electrical cabinet is equipped with a 1500-Watt air conditioner

FOB Midwest

Machine specifications are based on original manufacturer's information and are subject to verification. Equipment quoted is subject to prior sale without notice. Prices quoted do not include any sales or use tax. Crating of used machinery is not included.