

RoboDrill α-DiB ADV Series Medium Bed



FEATURES & BENEFITS

- Compact Design
- Big Plus Spindle
- Up to 5 Axis Simultaneous Machining
- FANUC 31i-B5 Nano CNC System
- Ultra Precise 32,000,000 Pulse/Rev Encoders
- Ai Contour Control I
- Thermal Growth Compensation
- 0.7 sec Chip to Chip
- 1.5G Accel/Decel
- Helical Interpolation Program Storage
- Rigid Tapping 5,000/8,000 RPM
- Thread Milling
- High Speed Reverse Tapping
- “Quick” Tap Recovery System
- Simultaneous ATC / Table Positioning
- Easy to Automate
- Built 100% in Japan

RoboCut C400iB EDM



FEATURES & BENEFITS

- Discharge Control Ai2
- Anti-recast Power Supply
- 3D Coordinate System Rotation
- Thermal Monitoring and Compensation
- “Core Stitch” Slug Retention
- Fully Integrated 4 and 5-axis for “Turn & Burn” Capability
- Auto Wire Feeding AWF3 Measurement Function
- FANUC 31i-WB Controller with New iHMI User Interface
- Wire Size: .004” to .012”
- Inverter Controlled Chiller
- CUT-LINKi Offline Cutting Monitor (STD)
- Remote PC Capability Wire
- Power Savings Mode
- Positioning Accuracy: $\pm .0001$ ”
- Rotary Glass Encoder (.000002”)
- 2 Year Parts/1 Year Labor Standard Warranty

KH-4500kai Horizontal Machining Centers



FEATURES & BENEFITS

- (4) Simultaneously Controlled Axes
- Provision for Coolant through Spindle
- Spindle Oil Cooler
- Ballscrew Cooling
- Y-axis Cooling System
- Box Type Bed
- Stepped Layout of X-axis Guide Ways
- Roller Type Guide Way
- Pallet and Chip Wash
- Chip Conveyor – LNS-Turbo MH500
- Spiral Augers
- Tool life Management
- AICC1
- 1280 meter / 512 kB Memory
- Helical Interpolation
- Macro Programming

YBM-640V Jig Borers



FEATURES & BENEFITS

- Direct Drive Self-adjusting Spindle Preload
- Through Hardened (HR60) Box Guide Ways
- Optical Scale Feedback on X/Y/Z Axis
- Symmetrical Bridge Structure
- 3 Point Machine Base
- Thermal Distortion Stabilization
- Space Saving Footprint
- Curvic Coupling for Pallet Clamping
- Rigid Machine Structure for Machining Various Material Types
- Optical Scale Feedback for Precise Positioning
- Probing Systems

N7 Horizontal Machining Centers



FEATURES & BENEFITS

- Box in Box – Ultra Rigid Construction for Increased Cutting Capability at the Top of the Y-Axis for Large Component and Tombstone Work
- Excellent Spindle Accessibility with New Slant Design Spindle Snout – Achieve More Powerful Cutting with Shorter Tools
- Three Point Casting with Honeycomb Design Provides a Solid Base Structure for Simple Three Point Leveling