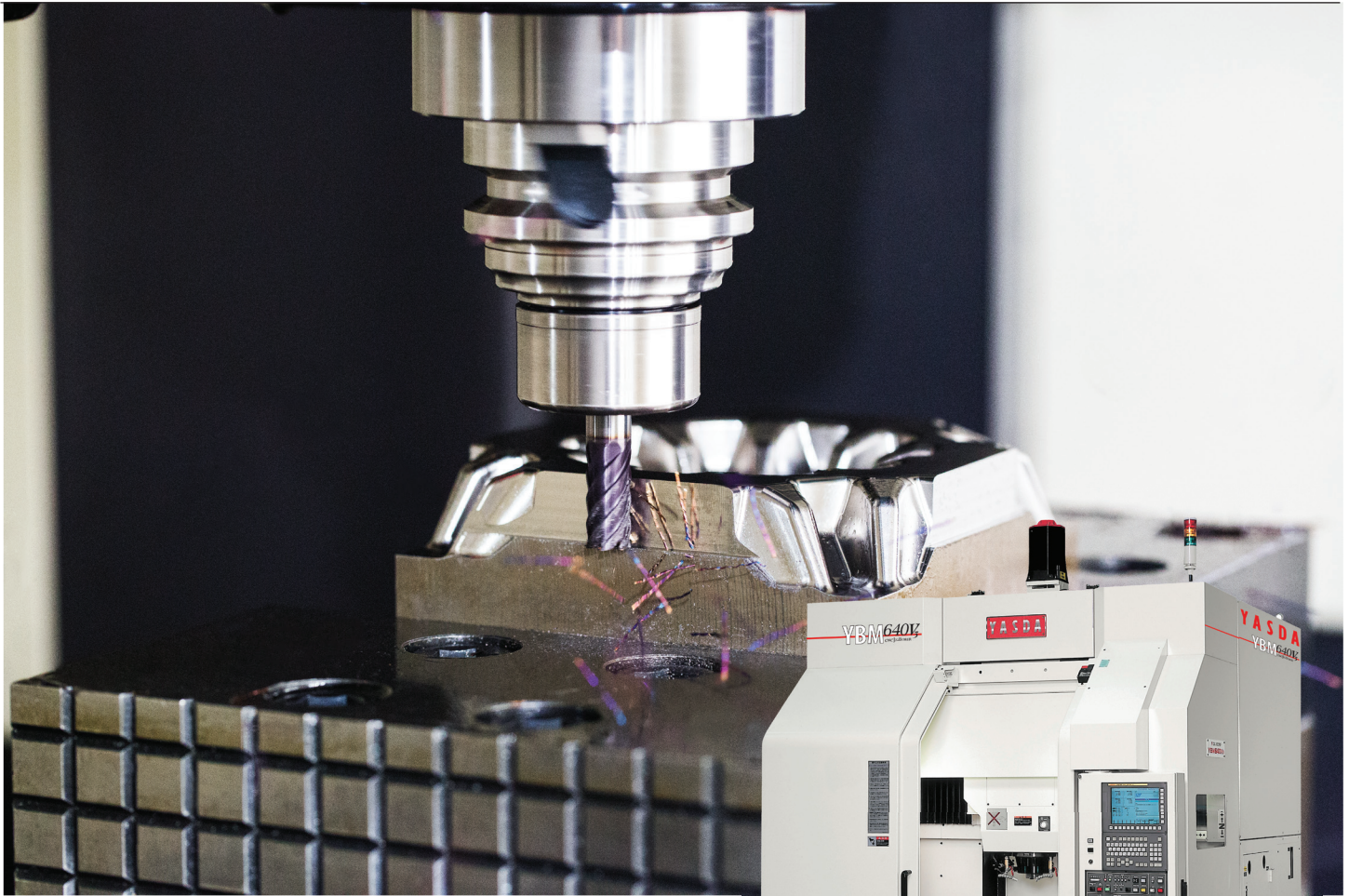


YASDA

3-Axis CNC Vertical Jig Borer



YBM 640v3

Features

- Direct Drive self-adjusting spindle preload
- Through hardened (HR60) box guide ways
- Optical scale feedback on XYZ axis
- Symmetrical bridge structure
- 3 point machine base
- Thermal distortion stabilization
 - Spindle head
 - Saddle unit
 - Top of bridge
- Rigid Machine Structure for machining various material types
- Optical scale feedback for precise positioning

Options

- Space saving footprint
- Curvic Coupling for Pallet Clamping
- Automatic pallet changer
- Up to 5 Preload stations

Benefits

- Choice of probing systems
- High-torque spindle
- High-speed spindle
- FANUC functions

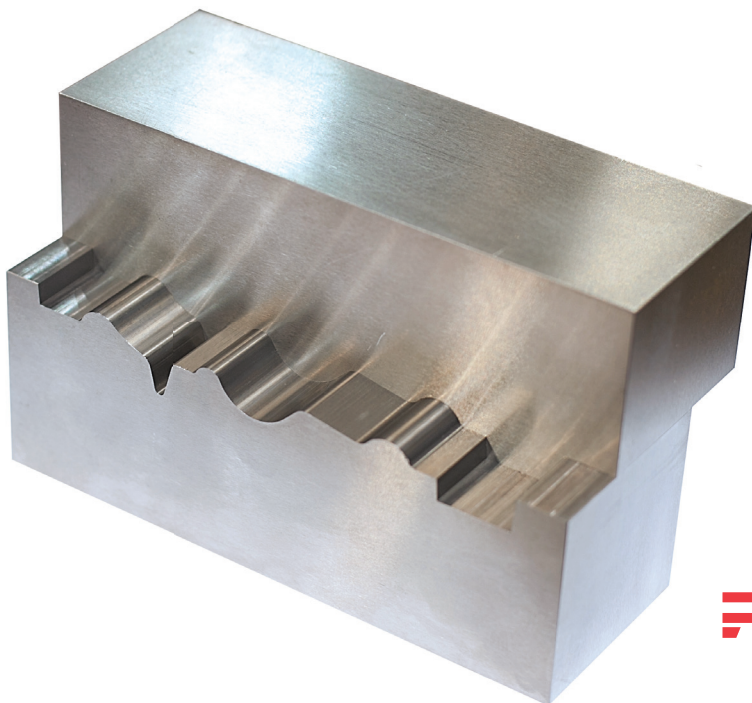
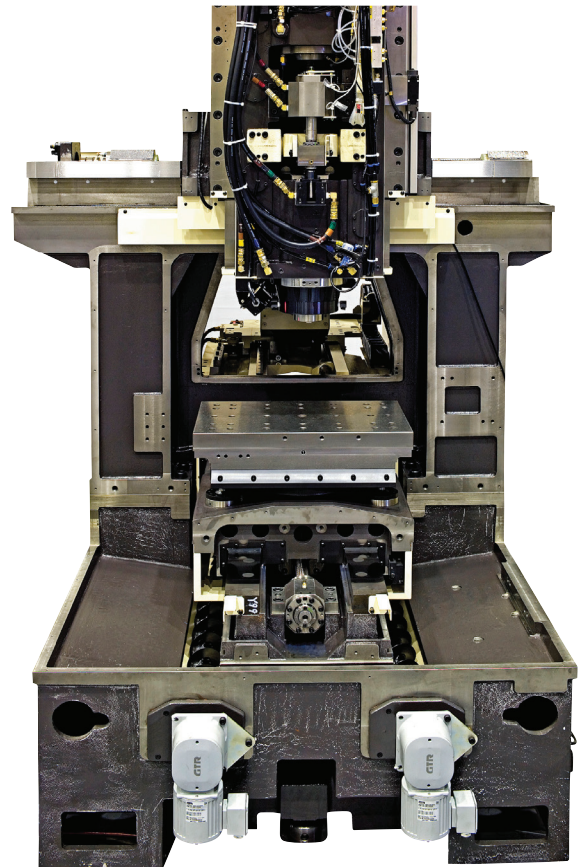
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YBM 640v3 | Specs

Specification	Unit	YBM 640v3
Travel		
X / Y / Z Axis Travel	inches (mm)	23.6 / 15.7 / 13.8 (600 / 400 / 350)
Distance from Table Surface to Spindle	inches (mm)	5.9 - 19.7 (150 - 500)
Feedrate	in./min (mm/min.)	196 (5000)
Rapid Traverse X / Y / Z	in./min. (m/min.)	787 (20)
Table		
Table Size	inches (mm)	27.5 x 17.7 (700 x 450)
Pallet Load Capacity	lbs (kgs)	660 (300)
Number of Pallets (optional)	positions	2 to 5
Spindle		
Spindle Speed Range	rpm	100 - 24000 std
Spindle Type		Self Adjusting Pre-Load
Spindle Taper	Big Plus	7/24 taper No. 40
Number of Speed Ranges		Direct Drive+
Spindle Power (15 min./cont. rating)	kw	AC22/18.5
Tooling		
Number of Tools	std (opt)	30 (40 / 60 / 90)
Maximum Tool Weight	lbs (kgs)	15.5 (7)
Maximum Tool Length	inches (mm)	9.8 (250)
Maximum Tool Diameter	inches (mm)	ø 3.9 (100)
Dimensions and Weight		
Floor Space – with Chip Conveyor (L x W)	inches (mm)	106 x 81 (2690 x 2055)
Maximum Machine Weight	lbs (kgs)	17637 (8000)
Input Power	kw	38
Machine Control		
Control	FANUC	31i-B5 - 10.4" Color LCD

Standard Equipment

- 3 Axis Vertical CNC Jig Borer
- FANUC 31i-B5 - 10.4" COLOR LCD CONTROL
- Optical scale feedback systems in X/Y/Z Axis
- 100 - 24000 rpm Big Plus 40 taper spindle
- 30 Capacity Tool Magazine
 - Tool Memory C / 64 pairs
- Number of register-able programs - 200
- Twin spiral augers
- Spindle head and carriage thermal deformation control system
- Yasda High Speed HAS-0 Machining System
- 1 GB ATA Flash Card Data Server
- 8 MB part program storage
- Renishaw OMP 400 spindle probe



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*Specifications subject to change without notice

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