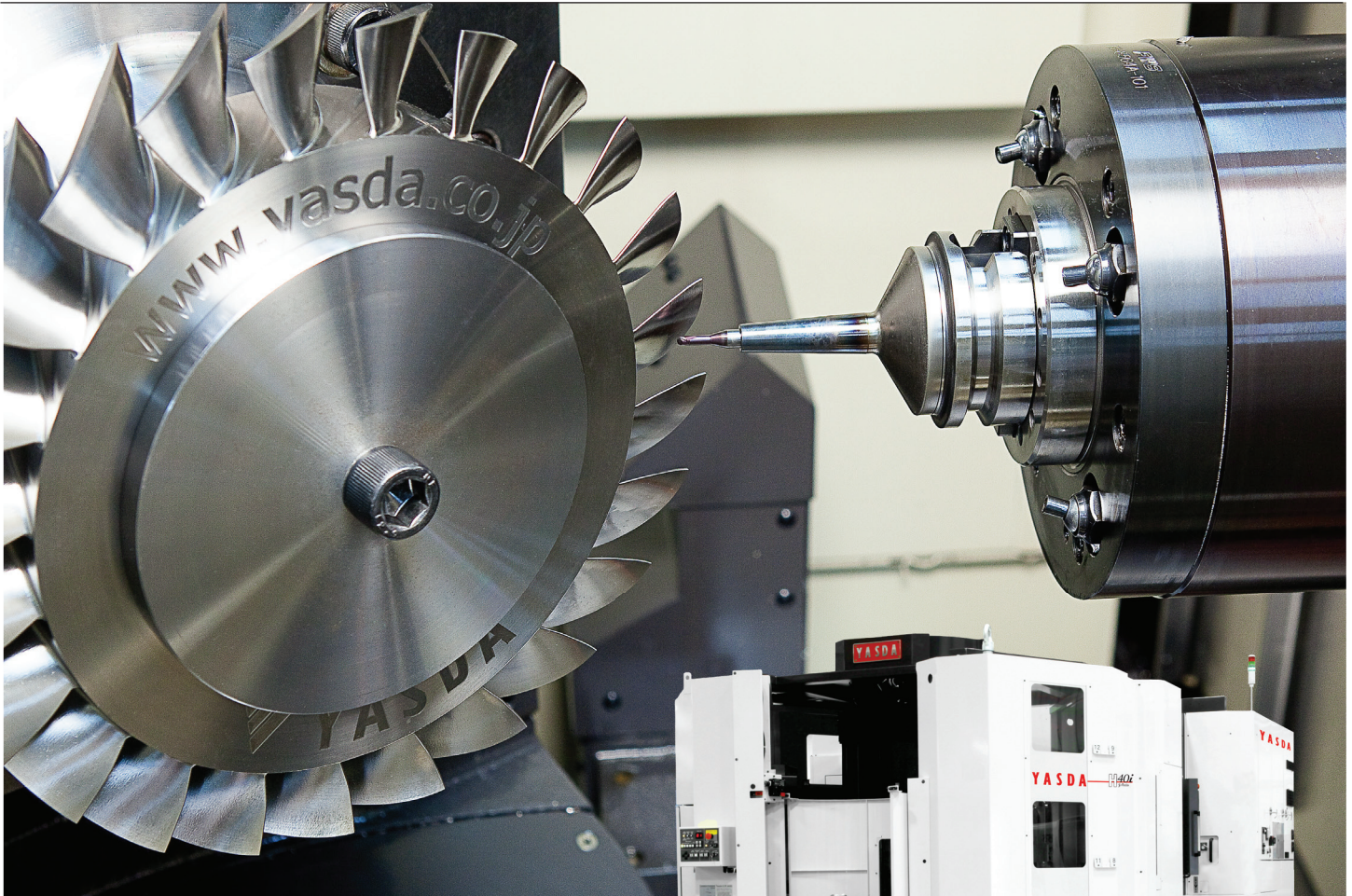


YASDA

5-Axis Multi-Pallet Horizontal Machining Center



H-40i

Features

- 5 axis high precision horizontal machining center
- High speed Direct Drive rotary axis
- Self-contained multi pallet stacking system
- 20,000 rpm spindle speed

Options

- High pressure flood and through spindle coolant systems
- Advanced work scheduling and tool management systems
- FANUC functions

Benefits

- Space saving footprint
- Curvic coupling for pallet clamping
- Rigid machine structure for machining various material types
- Optical scale feedback for precise positioning



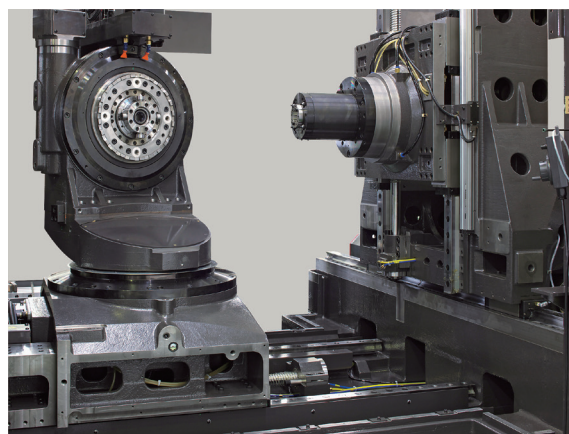
www.methodsmachine.com

H-40i | Specs

Specification	Unit	H-40i
Travel		
X / Y / Z Axis Travel	inches (mm)	34.4 / 29.1 / 27 (875 / 740 / 685)
Table Indexing Increment	degrees	0.0001°
Table Indexing Speed A / B-axis	rpm	100 / 75
Travel (A / B)	degrees	-180 ~ +45
Rapid Traverse X / Y / Z	in./min. (mm/min.)	1968.5 (50000)
Pallet		
Pallet Size	inches (mm)	15.75 x 15.75 (400 x 400)
Pallet Load Capacity	lbs (kgs)	441 (200)
Number of Pallets	positions	24
Maximum Work Diameter	inches (mm)	29.1 (740)
Spindle		
Spindle Speed Range	rpm	200 - 20000
Spindle Taper	Big Plus	7/24 taper No. 40
Spindle Power (15 min./cont. rating)	kw	AC22/18.5
Tooling		
Number of Tools	std.	240
Maximum Tool Weight	lbs (kgs)	15.4 (7)
Maximum Tool Length	inches (mm)	11.8 (300)
Maximum Tool Diameter	inches (mm)	2.75 (70)
Maximum Tool Diameter - no adjacent tool	inches (mm)	3.9 (100)
Tool Change Time - tool to tool	seconds	2.4
Accuracy		
Positioning Accuracy X / Y / Z	mm	± 0.002
Rotary Table Indexing Accuracy A / B	seconds	± 5
Repeatability X / Y / Z	mm	± 0.001
Rotary Table Repeatability A / B	seconds	± 1
Dimensions and Weight		
Floor Space – with Chip Conveyor (L x W)	inches (mm)	322.4 x 137.4 (8190 x 3490)
Maximum Machine Weight	lbs (kgs)	37480 (17000)
Input Power	kva	72
Machine Control		
Control	FANUC	31i-B5 -10.4" Color LCD

Standard Equipment

- 5 axis horizontal machining center
- FANUC 31i-B5 - 10.4" color LCD control
- Optical scale feedback systems in X/Y/Z/B/A axis
- DD Direct Drive motors on B/C axis
- 200 - 20000 rpm Big Plus 40 taper spindle
- Pallet stoker system
 - H40i - 24 positions
- 240 capacity tool magazine
 - Tool memory C / 999 pairs
- Coolant system
 - 4 flood nozzles
 - Tank capacity 900L
 - Shower coolant
 - 30 micro meter drum filter with self-flushing
- Chip conveyor
- Spindle head cooling unit
- Yasda high speed HAS-0 machining system
- 1 GB ATA flash card data server
- 8 MB part program storage
- Renishaw OMP 400 spindle probe
- Choice of probing systems



Methods

877.668.4262 | methodsmachine.com

Sales and Technical Centers from Coast to Coast

Boston ■ Charlotte ■ Chicago ■ Detroit ■ Los Angeles ■ Phoenix ■ San Francisco