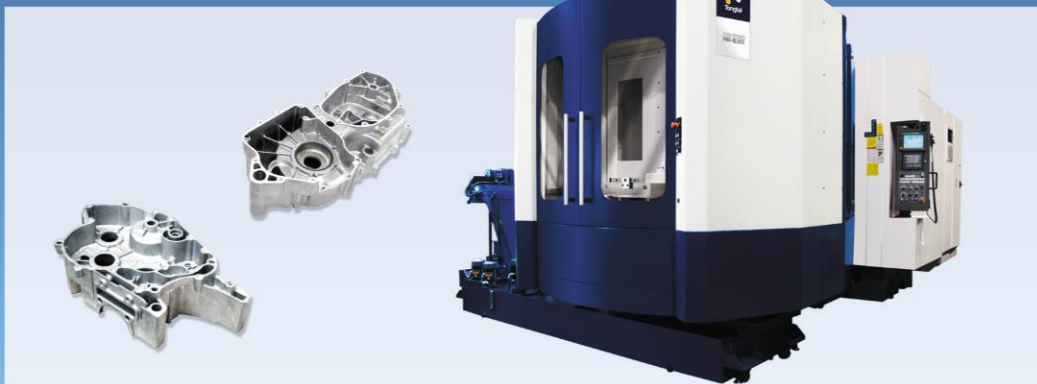




ISO 9001 ISO 14001 CE
A Worldwide Tradition of Quality Products and Customer Service

Super Productivity Horizontal Machining Center HB-500/630/800

High ■Quality ■Precision ■Efficiency ■Economy



HB-500/630/800 Standard Specifications

Item	Specification	Unit	HB-500	HB-630	HB-800
TABLE	Table Size	mm	500x500	630x630	800x800
	Max. Workpiece Dimension(Dia. x Height)	mm	Ø900xH900	Ø1100xH1100	Ø1300xH1250
	Max. Load Capacity(Workpiece Load)	kg	600×2	1200×2	1800×2
	Index Positioning	deg	1°(Opt. 0.001°)	1°(Opt. 0.001°)	1°(Opt. 0.001°)
CAPACITY	X/Y/Z-Axis Stroke	mm	800/710/710	1050/850/970	1200/1000/1000
	Distance from Spindle Center to Table Top	mm	50-760	100-950	100-1100
	Distance from Spindle Nose to Table Center	mm	150-860	100-1070	200-1200
	Table Height from Floor	mm	1150	1300	1350
SPINDLE	Spindle Taper		7/24 Taper No.50	7/24 Taper No.50	7/24 Taper No.50
	Spindle Speed	rpm	10000(Built-in)	10000(Built-in)	10000(Built-in)
	Spindle Motor (50% ED)	kw	22/18.5	30/25	30/25
	Spindle Bearing Diameter	mm	Ø100	Ø100	Ø100
FEED	Rapid Traverse	m/min	50/50/50	50/50/50	50/50/50
	Cutting Feedrate	mm/min	1-20000	1-20000	1-20000
ATC	Tool Shank		BT 50	BT 50	BT 50
	Tool Capacity	pc	60	60	60
	Max. Tool Diameter	mm	Ø125	Ø125	Ø125
	Max. Tool Diameter(w/o Adjacent Tool)	mm	Ø250	Ø250	Ø250
	Max. Tool Length	mm	610	610	610
	Max. Tool Weight	kg	25	25	25
APC	No. of Pallets		2	2(Opt. 8)	2(Opt. 6)
	Pallet Change System		Rotary Type	Rotary Type	Rotary Type
MACHINE	L x W x H	mm	4810x4350x2950	5900x4400x3150	6500x4940x3640
	Weight	kg	14500	21600	26000

Standard Accessories

- 60 tools ATC magazine
- APC pallet 2 pcs
- Spindle-through coolant 1.5 MPa
- Overhead coolant device
- APC door interlock
- Totally enclosed splash cover
- Totally enclosed ATC guard
- Workpiece counter
- Spindle load meter
- Warning light
- Spindle cooling device
- Work light
- Chip trolley
- Scraper type chip conveyor

Option Accessories

- Spindle speed 12000 rpm
- 90, 120 tools ATC magazine
- CAT50/DIN50/BBT50/HSK-A63
- NC table (0.001° index)
- Oil skimmer
- High pressure spindle-through coolant
- Oil Mist collector
- Automatic power off device
- Automatic tool length management
- Automatic tool breakage detector
- Coolant fluid temperature control
- Hyd' oil temperature control
- Air blow cutting point

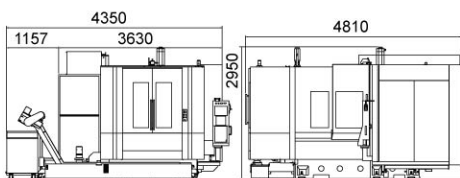
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Machine Dimensions

HB-500

■ Front view

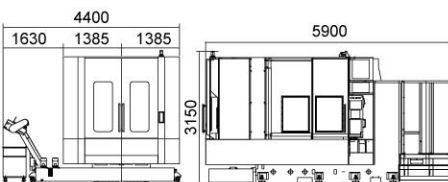
■ Side view



HB-630

■ Front view

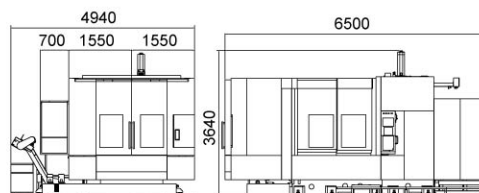
■ Side view



HB-800

■ Front view

■ Side view



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