

HS Series



Highly Efficient Next Generation
Machining Center for High Productivity

- Heavy Duty Motion Roller Guidways
- Powerful Dual Wound Spindle Motor
- Heaviest Maximum load in its Class
- Big Plus Spindle (BBT)



High Speed Horizontal Machining Center

HS4000i/5000i

ITEM		HS4000i	HS5000i
Pallet Size	mm(in)	2-400×400 (2-15.8"×15.8")	2-500×500 (2-19.7"×19.7")
Max. Load Capacity	kg(lb)	2-500 (2-1,102)	2-500 (2-1,102)
Sp. Taper	-	BIG PLUS #40 [HSK-A63]	BIG PLUS #40 [HSK-A63]
Sp. Speed	r/min	12,000	12,000
Sp. Power	kW(HP)	25/22 (33.5/30)	25/22 (33.5/30)
No. of Tools	EA	40 [60, 80, 120]	40 [60, 80, 120]
Travel (X/Y/Z)	mm(in)	620/560/650 (24.4"/22"/25.6")	850/700/750 (33.5"/27.6"/29.5")
Rapid Travel	m/min	50/50/50	50/50/50



Heavy Duty Horizontal Machining Center

HS6300/8000

ITEM		HS6300	HS8000
Pallet Size	mm(in)	2-630×630 (2-24.8"×24.8")	2-800×800 (2-31.5"×31.5")
Max. Load Capacity	kg(lb)	2-1,200 (2-2,646)	2-1,600 (2-3,527)
Sp. Taper	-	BIG PLUS #50 [HSK-A100]	BIG PLUS #50 [HSK-A100]
Sp. Speed	r/min	8,000 [8,000] [12,000]	8,000 [8,000] [12,000]
Sp. Power	kW(HP)	22/18.5 (30/25) [26/22 (35/30)] [30/25 (40/33.5)]	22/18.5 (30/25) [26/22 (35/30)] [30/25 (40/33.5)]
No. of Tools	EA	40 [60, 90, 120]	40 [60, 90, 120]
Travel (X/Y/Z)	mm(in)	1,050/875/875 (41.3"/34.4"/34.4")	1,050/875/875 (41.3"/34.4"/34.4")
Rapid Travel	m/min	50/50/50	50/50/50