



SDMEC SOUND METALS & MACHINERY INC.

SMI-Horizontal Machining Center



29F, NEW WORLD MANSION, 9, FUZHOUNAN ROAD, QINGDAO, CHINA. POSTAL-CODE: 266071

Tel: 0086-532-85712555 Fax: 0086-532-85724659



Item/model	Unit	HC-400	HC-500	HC-630	HC-800(A)
Travel					
X travel	mm	630	800	1000	1000(1200)
Y travel	mm	500	600	800	800(1000)
Z travel	mm	600	600	900	900(1100)
Spindle nose to table center	mm	150-750	150-750	200-1100	285-1185 (200-1300)
Spindle center to table face	mm	50-550	50-650	0-800	0-800 (70-1070)
Table					
Working manner		NC 0.001°	NC 0.001°	NC 0.001°	NC 0.001°
Table size	mm x mm	400x400	500x600	630x630	800x800
T slot(wide x number x space)	mm	14x5x80	14x6x80	18x5x125	22x5x160
Max loading	Kg	400	500	1500	2000
Spindle					
Spindle motor	Kw	7.5/9	11/15	15/18.5	18.5/22
Spindle Max speed	rpm	8000	6000	6000	6000
Spindle taper	No.	BT40	BT50	BT50	BT50
Feed					
Rapid speed	m/min	20	20	20	15
Cutting speed	m/min	0-10	0-10	0-10	0-10

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Accuracy					
Positioning accuracy	mm	0.012	0.012	0.016	0.020
Repeatability position	mm	0.006	0.006	0.008	0.010
Table indexing accuracy		15" (±5")	15" (±5")	20" (±5")	±5" (20")
Table repeatability accuracy		±2" (±1.5")	±2" (±1.5")	±2" (±1.5")	±1.5" (±2")
ATC					
Tool shank		BT40	BT50	BT50	BT50
Tool magazine capacity		24	24	24(OPTIONAL 32)	24(OPTIONAL 32)
Max tool (diameter x weight x length)	mm x Kg x mm	dia. 100 x 7 x 350	dia. 125 x 18x 400	dia. 125 x 18x 400	dia. 125 x 20 x 450
Machine					
Machine weight	Kg	8500	10500	15000	20000
Power requirement	KVA	30	40	45	45
Controller	FANUC 0i-MC(STANDARD)(OPTIONAL) SIEMENSE、MITSUBISHI、HD-500				