

CENTRO DE USINAGEM HORIZONTAL CNC, HMC500, HMC500A, HMC630, HMC630A e HMC800A

SPECIFICATION	UNIT	HMC500	HMC500A	HMC630	HMC630A	HMC800	HMC800A
Worktable size	mm	500x500	500x500	630x630	630x630	800x800	800x800
Worktable number	pcs	1	1	1	1	1	1
Worktable indexing	°	1°	0.001°	1°	0.001°	1°	0.001°
T-slot of worktable (No.-sizexdistance)	-	5/14/80	5/14/80	6/18/100	5/18/122	6/22/125	5/22/165
Worktable rotation speed	rpm	11.1	16.6	11.1	11.1	11.1	11.1
Worktable loading capacity	kg	500	500	800	800	2000	2000
Locking force (35kg/cm2)	kg/m	5000	2500	5000	4000	5000	5000
X axis travel	mm	600	600	1050	1200	1600	1800
Y axis travel	mm	620	620	800	800	1000	1400
Z axis travel	mm	550	550	700	700	1000	900
Distance from spindle center to worktable	mm	150-750	150-750	150-750	-60-740	0-1000	-305-1105
Distance from spindle nose to worktable center	mm	150-700	150-700	150-700	215-880	180-1180	250-1100
Spindle taper	-	BT40	BT40	BT50	BT50	BT50	BT50
Max. spindle speed	rpm	8000	8000	6000	6000	6000	6000
ATC style/station	-	24 (Disc)	24 (Disc)	24 (Disc)	24 (Disc)	40 (chain)	40 (Chain)
Max. tool diameter	mm	Φ78/Φ125	Φ78/Φ125	Φ78/Φ125	Φ78/Φ125	Φ125	Φ125
Max. tool length	mm	300	300	300	300	400	400
Max. tool weight	kg	8	8	8	8	20	20
Tool change time	sec	7	7	7	7	7	7
X/Y/Z-axis feed speed	mm/min	1-8000	1-8000	1-8000	1-8000	1-8000	1-8000
X/Y/Z-axis rapid feed speed	m/min	30/30/30	30/30/30	30/15/30	20/12/20	24/24/24	18/12/18
X/Y/Z-axis guideway type	-	Linear	Linear	X/Z: Linear/Y: sliding	X/Z: Linear/Y: sliding	Linear	X/Z: Linear/Y: sliding
X/Y/Z-axis positioning accuracy	mm	0.01	0.01	0.01	0.01	0.02	0.015
X/Y/Z-axis repositioning accuracy	mm	0.008	0.008	0.006	0.006	0.015	0.008
B-axis positioning accuracy	°	10°	10°	10°	10°	10°	10°
Main motor power	kw	7.5/11	11	15/18.5	15/18.5	15/18.5	15/18.5
X/Y/Z-axis feed motor torque	NM	11/28/18	11/28/18	15/28/22	16/18/20	40/40/40	26/30/30
B-axis feed motor torque	NM	8	15	11	15	Bis22	20
Power capacity	kva	50	50	50	50	50	50
Air pressure	kg/cm2	8	8	8	8	8	8
Machine weight	kg	7500	7000	8800	8000	15000	12000
Machine dimensions (LxWxH)	mm	3500x2900x3280	3500x2900x3280	4285x3120x3280	4285x3120x3280	5800x4800x3800	5800x4800x3800