

CENTRO DE USINAGEM HORIZONTAL CNC HMC500 APC, HMC630 APC E HMC800 APC

SPECIFICATION	UNIT	HMC500 APC	HMC630 APC	HMC800 APC
Worktable size	mm	500x500	630x630	800x800
Worktable number	pcs	2	2	2
Worktable indexing	°	0.001°	0.001°	1°
T-slot of worktable (No.-sizexdistance)	-	24xM16	24xM16	24xM16
Max. swing of workpiece	mm	700	820	1600
Worktable rotation speed (B)	rpm	16.6	10	10
Worktable gear ratio	-	180	160	160
Pallet exchange gear ratio	-	200	240	200
Pallet exchange style	-	Rotating type	Rotating type	Rotating push-pull
Pallet exchange time	s	24	24	50
Worktable loading capacity	kg	500x2 (single: 400)	950	1500
X axis travel	mm	800	1050	1400
Y axis travel	mm	800	750	1000
Z axis travel	mm	800	900	1000
Distance from spindle center to worktable	mm	50-850	0-750	0-1000
Distance from spindle nose to worktable center	mm	125-925	130-1030	200-1200
Spindle taper	-	BT50	BT50	BT50
Max. spindle speed	rpm	6000	6000	6000
ATC style/station	-	24 (Disc)	60 (Chain)	60 (Chain)
X/Y/Z-axis rapid feed speed	m/min	24/24/24	45/45/45	45/45/45
X/Y/Z-axis guideway type	-	Linear	Linear	Linear
X/Y/Z-axis positioning accuracy	mm	0.01	0.01	0.012
X/Y/Z-axis repositioning accuracy	mm	0.008	0.006	0.008
B-axis positioning accuracy	"	10"	10"	15"
B-axis repositioning accuracy	"	5"	5"	8"
Main motor power	kw	15/18.5	15/22	25/30
X/Y/Z-axis feed motor torque	NM	30/30/30	30/30/30	30/30/30
B-axis feed motor torque	NM	12	12	22
APC servo motor torque	NM	8	8	22
Machine weight	kg	7500	11000	18000