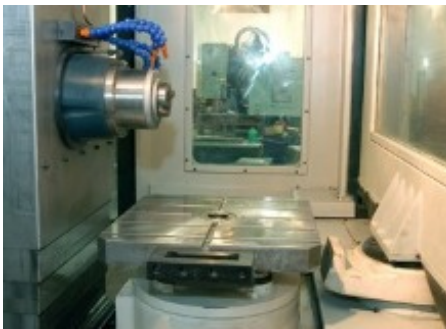


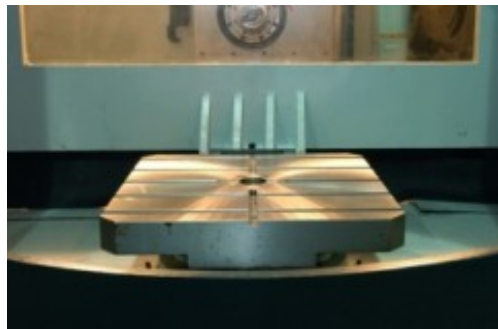
POLYTOP

Exporter from china

HMC400/500 (APC) Two Working Table Horizontal Machine Center main features:



WORKING TABLE



WORKING TABLE



30-STATION TOOLS
CHANGER



ELECTRIC BOX

- Column movement (z axis), \pm -type, advanced constructure , high rigidity, and easy to contact;
- Adopt imported high rigid linear guideways for X.Y.Z, and increased the travel for X.Y.Z, suitable for model machining and every kinds of middle and smaller cases processing;
- Stepless speed regulation spindle, unloading tool with hydraulic flow contrary clamping, high speed rigid tapping guarantee by high features spindle motor which equipped position feed back unit;
- Equiped CNC system, high speed spindle, tool magazine and tool-changer, NC-table, linear-guideways, ball-screw which being imported, the forth axis as required;
- Optional features: through-the spindle coolant system and around-the spindle coolant system. 0.001 ° increase servo table (B-axis). 1 °increase teeth-positioned servo-table. Two working tables changed automatically . Linear feed for X.Y.Z axis and complete enclosed type control;
- More durable spindle for equipped Air screen to prevent coolant entering , strong torque servo motor drive without any balance setup, developing the movement stationarity and servo following accuracy;
- Producing 3-D curved surface with high reliable, fine acceleration and out-loading.

ITEM		UNIT	SPECIFICATIONS	
			HMC400(APC)	HMC500(APC)
Table	table size (l*w)	mm*mm	400X400	500X500
	t-slots	pcs*mm	5X14H7	
	max. table load	kgs	500	
	min. table index	degree	standard: 1 , optional 0.001	
	table center hole	mm*mm	Dia. 30H7	
	distance between table to the ground	mm*mm	1000	
Spindle	spindle taper	no.	NO.40 (taper: 7:24)	
	spindle motor	kw	standard: AC7.5/11, Optional: AC 11/15	
	spindle speed	r/min	60-1500-6000	
	max. spindle torque	n.m	70(7.5/11KW), 95.5 (11/15KW)	
Magazine	toolholder/type of nail	no.	BT40/LDA 40BT	
	change speed	sec	2.0 (tool to tool)	
	method of tool selection	ii	take the shortest path	
	tool storage capacity	pcs*mm	30	
	max. tool weight	kgs	10	
	max. tool length	mm*mm	300	
	max. tool dia.	mm	80(neighbour) , 150	
Travel	travel of X/Y/Z axis	mm*mm	630,500,520 (APC: 500,430,520)	
	distance from spindle center to table	mm*mm	100-600	
	distance from spindle nose to table	mm*mm	120-640	
Feed	rapid traverse rate (X/Y/Z)	m/min	24,16,20	
	the feed-motor torque of X/Y/Z/B Axis	nm	8,22,22,8	
Others	air pressure	kgf/cm2	4 - 6	
	air consumption	l/min	240	
	hydraulic pressure	kgf/cm2	35-40	
	volume of lubrication tank	L	1.8	
	volume of coolant tank	L	standard: 160, SP. Coolant: 230	
	flow/raising of coolant pump	L	20L/13M/MIN	
	volume of oil tank	L/MIN,M	65	
	electricity	KVA	40	
	machine net weight	KG	7500	
	machine size (with chip conveyer) (L*W*H)	MM	2700*3090*2630 (WITHOUT CHIP CONVEYER AND CHANGE WORKING TABLE)	
CNC system		ii	Fanuc Oi MC. SIEMENS 840D	
ii		ii	ii	ii