

PMC-560/ PMC-560+A.P.C.

CNC Hi-Speed Machining Center



G Synchronous tool unclamping motion assures stable and fast tool changes.

F Direct-drive spindle provides efficient transmission and fast CW/CCW revolution.

D Double pneumatic cylinder + pressure accumulator of balancer gives excellent micro-movement.

E Pallet changer opens for convenient tooling adjustment.

C Patented X-axis gull-wing shaped cover assures long time and less noise at 48m/min rapid traverse.

B Fixed type Y-axis cover assures low noise at 48m/min, rapid traverse.

A High integrity base guarantees the best rigidity and stability.

APC W/TWO ROTARY TABLE

The Consequence of Expert Technology

Automatic Pallet Changer (A.P.C.)

Spindle nose to pallet		120 - 530mm
Pallet	Length x width	600 x 400mm
	Screw holes counter bore	28 holes (M16 x P2 x 20mm Depth)
	Max. loading	100kgs (one side)
Exchange method		Pallet lift $\pm 180^\circ$ rotary
Changing time		6 $\pm$ 2 sec.
L x W x H (Floor)		1950 x 3320 x 2820mm
L x W x H (Packing)		2080 x 3320 x 2540mm
N.W. / G.W.		5000kgs / 5500kgs



(A.P.C.) Patented automatic pallet changer offers fast pallets changes and boosts production efficiency.

Specifications :

PMC-560/560+A.P.C.

Model		
Control Unit		FANUC / MITSUBISHI-MELDAS series
	Spindle taper	ISO - 40
Spindle	R.P.M.	80-8000 / 120-12000, 1000-18000(OP)
	Spindle motor	7.5kw / 11kw(OP)
	Spindle center to column	473mm
	Spindle nose to table	150-560mm
	Length x width	600 x 400mm
Table	Max. load	200kgs
	T-slot width / no.	18mm / 4
Main Travel	X/Y/Z - axes	560 / 410 / 410mm
Feed	Rapid traverse X/Y/Z -axes	48m/min
	Cutting feed rate	1 - 15000mm/min
	Tool specification	BT-40 / CAT-40(OP)
	No. of tools	16+1 opt 24+1
	T. -T.	1.25/ 1.4sec.
Automatic Tool Change	C. -C.	2.5/ 3sec.
	Max. tool length	180mm
	Max. tool dia. (adjacent)	80mm
	Max. tool weight	6kgs
	Tool selection method	Double ARM swing
Dimension	L x W x H (Floor)	1800 x 2710 x 2820mm
	L x W x H (Packing)	1940 x 2880 x 2540mm
Weight	N.W. / G.W.	4350kgs / 4800kgs

Dimensional drawing:

