

AKIRA - SEIKI®

HIGH SPEED TAPPING CENTER

High Efficiency Like BT40, High Speed For Chip Removal.



PC460 HSC / PC700 HSC

Powerful spindle output max. torque 84.3 N·m / Horsepower 10 HP.

Small footprint for factory management.

High rigidity, high speed , high accuracy

Spindle max. speed 15,000 rpm.



Decide with Confidence

PC460 HSC / PC700 HSC

/ HIGH SPEED TAPPING CENTER

FEATURE

- Spindle output max. torque 84.3 N-m.
- Easy operation, user friendly 64bit AKIRA Mi745 controller (FANUC G code compatible.)
- Assures permanent rigidity by MEEHANITE high quality casting iron.
- Steady rigidity with golden triangle frame in optimum span of bed base.
- High speed and reliable servo magazine 21T (Option.)
- Flexible application, allow add 4th-axis rotary tables and fixture.
- Suitable: Delicate 3D cut, automotive industry and die & mold job.

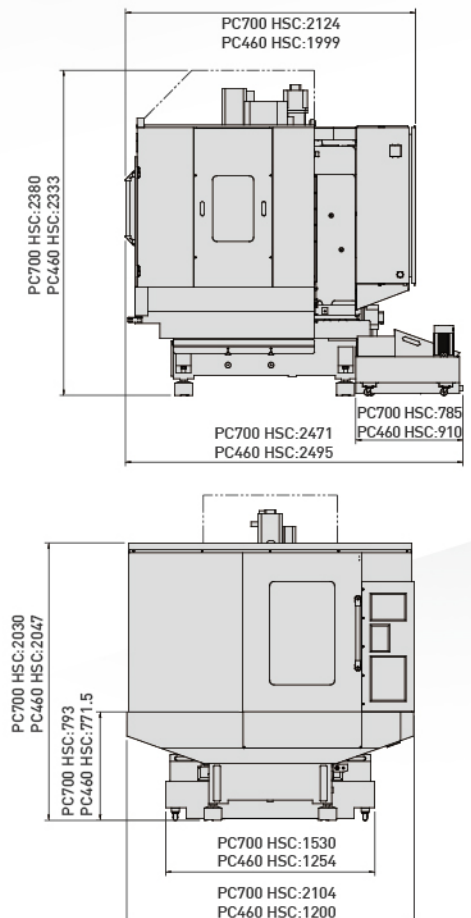


CUTTING CAPACITY

- Hard material: S45C Mild steel (JIS), 100mm x 100mm x 25mm.
- Spindle speed: 12,000rpm.
- Feed rate: 10,000mm/min.
- Depth: 14mm (Pocketing), 16mm (Contouring)
- Cycle time: 10 Min. 20 Sec.

Items	Unit	PC460 HSC	PC700 HSC
Control System	-	AKIRA Mi745	
Table	Table Size (L x W)	mm	520 x 320
	Max. Loading Capacity	kgs	250
Travel	X-axis	mm	460
	Y-axis	mm	320
	Z-axis	mm	300
	Spindle Nose to Table Surface	mm	180 - 480
Spindle (Direct Type)	Spindle Motor Output (Peak)	hp	10
	Spindle Max. Speed	rpm	15,000
	Spindle Taper	-	BT-30
	Method of Spindle Cooling	-	Oil Chilling
Feed	Rapid Feed of X / Y / Z	m/min	40 / 40 / 40
	Acceleration of X / Y / Z	G	1.2 / 1.2 / 1.2
Accuracy	Positioning (+/-)	mm	0.01
	Repeatability (+/-)	mm	±0.003
ATC	Tool Storage	-	14T (STD)
			Servo 21T (OPT)
	Max. Tool Diameter	mm	50
	Max. Tool Length	mm	160
	Max. Tool Weight	kgs	3
General	Tool Change Time	sec.	T-T:1.6
	Coolant Tank Capacity	liters/gal	100
	Power Requirement	kva	10
	Air Pressure Requirement	kgf/cm2	5
	Floor Space (W X L)	mm	1,200 x 2,300
	Weight	kgs	2,100

FOUNDATION



* All specifications subject to change without notice.