

SKT500AW / SKT600AW



CNC Turning Center

Accomplishment of high-speed, high accuracy, high productivity. AL wheel machining CNC Lathes.

- Maximum AL wheel processing capability. 24" — SKT600AW
- The biggest work area in its class: Max swing of 850mm(33.5")-SKT 600AW
- Efficient chip removing process by a large capacity shower coolant device
- Servo driven high speed turret

		SKT500AW	SKT600AW
Chuck Size	inch	20" (Wheel size)	24" (Wheel size)
Swing over the bed	mm [in]	750 [29.5]	850 [33.5]
Maximum turning length	mm [in]	710 [28.0]	710 [28.0]
Bar capacity	mm [in]	-	-
Travel	X	355 [14.0]	370 [14.6]
	Y	-	-
	Z	720 [28.4]	720 [28.4]
	ZB	-	-
Main spindle speed	rpm	3,000	3,000
Rapid Traverse	X axis	20 [787]	20 [787]
	Y axis	-	-
	Z axis	24 [945]	24 [945]
	ZB axis	-	-
	C axis	-	-
Power main	Main kw [hp]	37/30 [49.6/40.2]	37/30 [49.6/40.2]

Design and Specifications are subject to change without prior notice.

**HYUNDAI-KIA MACHINE
AMERICA CORP.**

Power of Evolution

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Specification

ITEM			SKT500AW	SKT600AW	
CHUCK	Standard size	inch	20" (Wheel size)	24" (Wheel size)	
	Optional size				
CAPACITY	Swing over the bed	mm [in]	750 [29.5]	850 [33.5]	
	Swing over the cross slide		480 [18.9]	600 [23.6]	
	Maximum turning diameter		Turning		
			Milling		
	Maximum turning length		710 [28.0]	710 [28.0]	
Bar capacity	-	-			
TRAVEL	Axis	X	355 [14.0]	370 [14.6]	
		Y	-	-	
		Z	720 [28.4]	720 [28.4]	
		ZB	-	-	
MAIN SPINDLE	Maximum spindle speed	rpm	3,000	3,000	
	Spindle nose		A2-8	A2-8	
	Spindle bore	mm [in]	102 [4.02]	102 [4.02]	
	Maximum spindle torque	kgf-m [ft-lbs]	47 [340.0]	47 [340.0]	
	Speed drive		BELT	BELT	
SUB SPINDLE	Chuck size	mm [in]	N/A	N/A	
	Maximum spindle speed	rpm			
	Spindle nose				
	Spindle bore	mm [in]			
	Bar capacity	mm [in]			
	Maximum spindle torque	kgf-m [ft-lbs]			
TOOL POST	Type		NC Servo(B/H)	NC Servo(B/H)	
	Number of tool	EA	12	12	
	Tool Size	O.D	mm [in]	32 [1 1/4]	32 [1 1/4]
		I.D	mm [in]	63 [2 1/2]	63 [2 1/2]
	Turret clamping force	kgf-m [ft-lbs]	5,560 [12,257]	5,560 [12,257]	
	Turret indexing time (1 face)	sec.	0.3	0.3	
MILLING TOOL	Type		N/A	N/A	
	Max. speed	rpm			
	Motor power	kw [hp]			
FEED	Rapid traverse rate	X axis	20 [787]	20 [787]	
		Y axis	-	-	
		Z axis	24 [945]	24 [945]	
		ZB axis	-	-	
		C axis	-	-	
TAIL STOCK	Type		N/A	N/A	
	Quill bore taper	-			
	Quill diameter				
	Quill travel	mm [in]			
Tail stock travel					
MOTOR	Spindle	Main	37/30 [49.6/40.2]	37/30 [49.6/40.2]	
		Sub	-	-	
	Feed	X/Z	4.0/7.0 [5.4/9.4]	4.0/7.0 [5.4/9.4]	
		Y/ZB	-	-	
Coolant					
Bed slant		deg.	45°	45°	
Slide way			Box way	Box way	
Power capacity	Fanuc	kVA	40	40	
	Siemens				
Floor space (LxW)	Fanuc	mm [in]	3,550 × 2,010 [139.8x79.1]	3,550 × 2,115 [139.8x83.3]	
	Siemens				
Weight		kgf [lbs]	6,600 [14,550]	6,800 [14,991]	
Controller		STD	FANUC 0iT	FANUC 0iT	
		OPT			

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