

# SKT100 / SKT100M / SKT200 / SKT200M



## CNC Turning Center

High-Speed / Accuracy / Productivity

- The Next Generation Spread Type CNC Lathe

- Cycle time reduction for the higher productivity
- Mechanism, suitable for various production process.
- High-rigid & Low heat generation head stock.

		SKT100	SKT100M	SKT200	SKT200M
Chuck Size	inch	6	6	8	8
Swing over the bed	mm [in]	550 [21.7]	550 [21.7]	550 [21.7]	550 [21.7]
Maximum turning length	mm [in]	300 [11.8]	255 [10.0]	300 [11.8]	255 [10.0]
Bar capacity	mm [in]	45 [1.77]	45 [1.77]	65 [2.56]	65 [2.56]
Travel	X	210 [8.3]	210 [8.3]	210 [8.3]	210 [8.3]
	Y	-	-	-	-
	Z	330 [13.0]	286 [11.3]	330 [13.0]	330 [13.0]
	ZB	-	-	-	-
Main spindle speed	rpm	6,000	6,000	4,000	4,000
Rapid Traverse	X axis	36 [1,417]	36 [1,417]	36 [1,417]	36 [1,417]
	Y axis	-	-	-	-
	Z axis	36 [1,417]	36 [1,417]	36 [1,417]	36 [1,417]
	ZB axis	-	-	-	-
	C axis	-	30	-	30
Power main	Main kw [hp]	15/11 [20.1/14.7]	7.5/5.5 [10/7.4]	15/11 [20.1/14.7]	11/7.5 [14.7 / 10]

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**HYUNDAI-KIA MACHINE  
AMERICA CORP.**

Power of Evolution

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## Specification

ITEM			SKT100	SKT100M	SKT200	SKT200M	
<b>CHUCK</b>	Standard size	inch	6	6	8	8	
	Optional size						
<b>CAPACITY</b>	Swing over the bed	mm [in]	550 [21.7]	550 [21.7]	550 [21.7]	550 [21.7]	
	Swing over the cross slide		350 [13.8]	350 [13.8]	350 [13.8]	350 [13.8]	
	Maximum turning diameter		Turning	350 [13.8]	290 [11.4]	350 [13.8]	290 [11.4]
			Milling	-	-	-	-
	Maximum turning length		300 [11.8]	255 [10.0]	300 [11.8]	255 [10.0]	
Bar capacity	45 [1.77]	45 [1.77]	65 [2.56]	65 [2.56]			
<b>TRAVEL</b>	Axis	X	210 [8.3]	210 [8.3]	210 [8.3]	210 [8.3]	
		Y	N/A	N/A	-	-	
		Z	330 [13.0]	286 [11.3]	330 [13.0]	330 [13.0]	
		ZB	-	-	-	-	
<b>MAIN SPINDLE</b>	Maximum spindle speed	rpm	6,000	6,000	4,000	4,000	
	Spindle nose		A2-5	A2-5	A2-6	A2-6	
	Spindle bore	mm [in]	53 [2.09]	53 [2.09]	78 [3.07]	78 [3.07]	
	Maximum spindle torque	kgf-m [ft-lbs]	6.33(9.74) [45.9](70.4)	6.33 [45.8]	17.1[123.7]	12.86 [93.0]	
	Speed drive		BELT	BELT	BELT	BELT	
<b>SUB SPINDLE</b>	Chuck size	mm [in]	N/A	N/A	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]					
	Speed drive						
<b>TOOL POST</b>	Type		NC Servo(B/H)	NC servo(VDI)	NC Servo(B/H)	NC Servo(B/H)	
	Number of tool	EA	12	12	12	12	
	Tool Size	O.D	mm [in]	25 [1.0]	20 [3/4]	25 [1.0]	20 [3/4]
		I.D	mm [in]	32 [1 1/4]	25 [1.0]	40 [1 1/2]	25 [1.0]
	Turret clamping force	kgf-m [ft-lbs]	4,358 [9,608]	4,524 [9,974]	4,358 [9,608]	4,524 [9,974]	
Turret indexing time (1 face)	sec.	0.12	0.23	0.12	0.23		
<b>MILLING TOOL</b>	Type			VDI 30	N/A	VDI30	
	Max. speed	rpm	N/A	4,500		4,500	
	Motor power	kw [hp]		3		3 [4]	
<b>FEED</b>	Rapid traverse rate	X axis	m/min [in]	36 [1,417]	36 [1,417]	36 [1,417]	36 [1,417]
		Y axis	-	-	-	-	
		Z axis	36 [1,417]	36 [1,417]	36 [1,417]	36 [1,417]	
		ZB axis	-	-	-	-	
		C axis	-	30	-	30	
<b>TAIL STOCK</b>	Type		Manual	Manual	Manual	Manual	
	Quill bore taper	-	MT#4	MT#4	MT#4	MT#4	
	Quill diameter	mm [in]	65 [2.6]	65 [2.6]	65 [2.6]	65 [2.6]	
	Quill travel	mm [in]	80 [3.1]	80 [3.1]	80 [3.2]	80 [3.2]	
	Tail stock travel	mm [in]	160 [6.3]	160 [6.3]	160 [6.3]	160 [6.3]	
<b>MOTOR</b>	Spindle	Main	kw [hp]	7.5/5.5(15/11) [10/7.4][20.1/14.7]	7.5/5.5 [10/7.4]	11/7.5(15/11) [14.7/10][20.1/14.7]	11/7.5 [14.7 / 10]
		Sub	-	-	-	-	
	Feed	X/Z	1.6(1.8) [2.1](2.4)	1.6 [2.1]	1.6(1.8) [2.1](2.4)	1.6 [2.1]	
		Y/ZB	-	-	-	-	
Coolant							
<b>Bed slant</b>		deg.	45°	45°	45°	45°	
<b>Slide way</b>			Ball guide	Ball guide	Ball guide	Ball guide	
<b>Power capacity</b>	Fanuc	kVA	15	15	20	20	
	Siemens						
<b>Floor space (LxW)</b>	Fanuc	mm [in]	2,020 x 1,650 [79.5 x 65.0]	2,020 x 1,650 [79.5 x 65.0]	2,070 x 1,650 [81.5 x 65.0]	2,070 x 1,650 [81.5 x 65.0]	
	Siemens						
<b>Weight</b>		kgf [lbs]	3,800 [8,377]	3800 [8,377]	3,900 [8,598]	3,900 [8,598]	
<b>Controller</b>	STD		FANUC 0iT	FANUC 0iT	FANUC 0iT	FANUC 0iT	
	OPT						

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