

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	
CHUCK	Standard size		inch	6	6	8	8
	Optional size						
CAPACITY	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]		
TRAVEL	Axis	X	mm [in]	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		-	-	-	-
MAIN SPINDLE	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
SUB SPINDLE	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						
TOOL POST	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		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	
MILLING TOOL	Type			VDI 30	N/A	VDI30	
	Max. speed		rpm	N/A	4,500	4,500	
	Motor power		kw [hp]		3	3 [4]	
FEED	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
TAIL STOCK	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]
MOTOR	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							
Bed slant			deg.	45°	45°	45°	45°
Slide way				Ball guide	Ball guide	Ball guide	Ball guide
Power capacity	Fanuc	kVA	15	15	20	20	
	Siemens						
Floor space (LxW)	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						
Weight			kgf [lbs]	3,800 [8,377]	3800 [8,377]	3,900 [8,598]	3,900 [8,598]
Controller	STD		FANUC 0iT	FANUC 0iT	FANUC 0iT	FANUC 0iT	
	OPT						

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