

SKT460



CNC Turning Center

High Accuracy, High Rigidity, High Productivity,
Heavy Duty Cutting CNC Lathes

- Super Fast Modular Type Servo Turret
- Box type 45° Slant Type Highly Rigid Bed Structure
- The highest speed in its class
- Spindle acceleration, deceleration time: 3.7 sec
(20" Chuck installed, 1,500RPM reached)

			SKT460
Chuck Size	inch		15
Swing over the bed	mm [in]		875 [34.5]
Maximum turning length	mm [in]		1,575 [62.0]
Bar capacity	mm [in]		117 [4.61]
Travel	X	mm [in]	370 [14.6]
	Y		-
	Z		1,575 [62.0]
	ZB		-
Main spindle speed	rpm		2,000
Rapid Traverse	X axis	m/min [ipm]	15 [591]
	Y axis		-
	Z axis		20 [787]
	ZB axis		-
	C axis		-
Power main	Main	kw [hp]	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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SKT460

Specification

ITEM			SKT460	
CHUCK	Standard size	inch	15	
	Optional size			
CAPACITY	Swing over the bed		875 [34.5]	
	Swing over the cross slide		630 [24.8]	
	Maximum turning diameter	Turning	mm [in]	660 [26.0]
		Milling		-
	Maximum turning length		1,575 [62.0]	
Bar capacity		117 [4.61]		
TRAVEL	Axis	X	370 [14.6]	
		Y	-	
		Z	1,575 [62.0]	
		ZB	-	
MAIN SPINDLE	Maximum spindle speed	rpm	2,000	
	Spindle nose		A2-11	
	Spindle bore	mm [in]	130 [5.12]	
	Maximum spindle torque	kgf-m [ft-lbs]	282.6 [2,044]	
	Speed drive		2 Step Geared	
SUB SPINDLE	Chuck size	mm [in]	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)	
	Number of tool	EA	12	
	Tool Size	O.D	mm [in]	32 [1 1/4]
		I.D		63 [2 1/2]
	Turret clamping force	kgf-m [ft-lbs]	17,000 [37,478]	
Turret indexing time (1 face)	sec.	1.0		
MILLING TOOL	Type		N/A	
	Max. speed	rpm		
	Motor power	kw [hp]		
FEED	Rapid traverse rate	X axis	15 [591]	
		Y axis	-	
		Z axis	20 [787]	
		ZB axis	-	
		C axis	-	
TAIL STOCK	Type		Tow along	
	Quill bore taper	-	MT#6	
	Quill diameter		150 [5.9]	
	Quill travel	mm [in]	170 [6.7]	
	Tail stock travel		1,280 [50.4]	
MOTOR	Spindle	Main	37/30 [49.6/40.2]	
		Sub	-	
	Feed	X/Z	4.0/7.0 [5.4/9.4]	
		Y/ZB	-	
Coolant				
Bed slant		deg.	45°	
Slide way			Box	
Power capacity	Fanuc	kVA	70	
	Siemens			
Floor space (LxW)	Fanuc	mm [in]	4,750 × 2,470 [187.0 × 97.2]	
	Siemens			
Weight		kgf [lbs]	12,000 [26,455]	
Controller		STD	FANUC21iT	
		OPT		

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