

SKT-V600AW_{IP} / SKT-V800AW_{IP}



CNC Turning Center

Accomplishment of High-Speed, High Accuracy,
High Productivity - AL Wheel Machining CNC Lathes

- Maximum AL Wheel Processing Capacity, 24" SKTV600AW
- The biggest work area in its class: Max, swing of 850mm (33.5") SKTV600AW
- Efficient chip removing process by a large capacity shower coolant device
- Servo driven high speed turret

| | | SKT-V600AW/P | SKT-V800AW/P |
|------------------------|--------------|---------------------|--------------------|
| Chuck Size | inch | 22" (Wheel size) | 24" (Wheel size) |
| Swing over the bed | mm [in] | 700 [27.6] | 850 [33.5] |
| Maximum turning length | mm [in] | 250 [9.8] | 350 [13.8] |
| Bar capacity | mm [in] | - | - |
| Travel | X | 440 [17.3] | 550 [21.7] |
| | Y | - | - |
| | Z | 460 [18.1] | 550 [21.7] |
| | ZB | - | - |
| Main spindle speed | rpm | 2,200 | 1,500 |
| Rapid Traverse | X axis | 20 [787] | 20 [787] |
| | Y axis | - | - |
| | Z axis | 20 [787] | 20 [787] |
| | ZB axis | - | - |
| | C axis | - | - |
| Power main | Main kw [hp] | 45/37 [60.3.6/49.6] | 76/60 [100.5/80.4] |

Design and Specifications are subject to change without prior notice.

**HYUNDAI-KIA MACHINE
AMERICA CORP.**

Power of Evolution

www.Hyundai-KiaMachine.com



SKT-V600AW/IP | SKT-V800AW/IP

Specification

| ITEM | | | SKT-V600AW/IP | SKT-V800AW/IP | |
|-------------------------------|----------------------------|----------------|-----------------------------|-------------------------------|------------|
| CHUCK | Standard size | inch | 22" (Wheel size) | 24" (Wheel size) | |
| | Optional size | | | | |
| CAPACITY | Swing over the bed | mm [in] | 700 [27.6] | 850 [33.5] | |
| | Swing over the cross slide | | | | |
| | Maximum turning diameter | | Turning | | |
| | | | Milling | | |
| | Maximum turning length | | | 250 [9.8] | 350 [13.8] |
| | Bar capacity | | - | - | |
| TRAVEL | Axis | X | 440 [17.3] | 550 [21.7] | |
| | | Y | - | - | |
| | | Z | 460 [18.1] | 550 [21.7] | |
| | | ZB | - | - | |
| | | | | | |
| MAIN SPINDLE | Maximum spindle speed | rpm | 2,200 | 1,500 | |
| | Spindle nose | | A2-11 | A2-11 | |
| | Spindle bore | mm [in] | 160 [6.30] | 180 [7.09] | |
| | Maximum spindle torque | kgf-m [ft-lbs] | 24 [210.9] | 42.3 [306] | |
| | 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] | | | |
| | Speed drive | | | | |
| TOOL POST | Type | | Hydraulic Motor | Hydraulic Motor | |
| | Number of tool | EA | 6 + 6 | 6 + 6 | |
| | Tool Size | O.D | mm [in] | 32 [1 1/4] | 32 [1 1/4] |
| | | I.D | | 40 [1 1/2] | 40 [1 1/2] |
| | Turret clamping force | kgf-m [ft-lbs] | 2,000 [4,409] | 2,500 [4,409] | |
| Turret indexing time (1 face) | sec. | 1.2 | 1.8 | | |
| 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 | 20 [787] | 20 [787] | |
| | | 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 | 45/37 [60.3.6/49.6] | 76/60 [100.5/80.4] | |
| | | Sub | - | - | |
| | Feed | X/Z | 4.0/4.0 [5.4/5.4] | 4.0/4.0 [5.4/5.4] | |
| | | Y/ZB | - | - | |
| | Coolant | | | | |
| Bed slant | | deg. | | | |
| Slide way | | | Ball guide | Ball guide | |
| Power capacity | Fanuc | kVA | 85 | 100 | |
| | Siemens | | | | |
| Floor space (LxW) | Fanuc | mm [in] | 3,460 × 3,985 [136.2x156.9] | 3,840 × 4,875 [151.2.8x191.9] | |
| | Siemens | | | | |
| Weight | | kgf [lbs] | 12,000 [26,455] | 16,500 [36,376] | |
| Controller | | STD | FANUC 0iT | FANUC 0iT | |
| | | OPT | | | |

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