

MACHINE SPECIFICATIONS

	Unit	VMX-820 / VMX-1020
TRAVEL		
X AXIS TRAVEL	mm	820 / 1020
Y AXIS TRAVEL	mm	520
Z AXIS TRAVEL	mm	560
SPINDLE NOSE TO TABLE SURFACE	mm	140-700
TABLE SURFACE TO FLOOR	mm	920 / 940
TABLE		
TABLE DIMENSION	mm	950x520 / 1150x520
MAX. LOADING WEIGHT	kgf	800
T-SLOTS (W×NO.×P)	mm	18×5×100
SPINDLE		
SPINDLE SPEED	rpm	12000
SPINDLE TAPER		7/24 taper NO.40
DIA. OF SPINDLE	mm	70
SPINDLE MOTOR	kw	7.5 (11)
FEEDRATE		
RAPID TRAVERSE X AXIS		40
RAPID TRAVERSE Y AXIS		40
RAPID TRAVERSE Z AXIS		30
AUTOMATIC TOOL CHANGER		
NO. OF TOOLS		24
PULL STUD		P-40T (45°)
MAX. TOOL WEIGHT	kg	8
MAX. TOOL LENGTH	mm	300
MAX. TOOL DIAMETER	mm	75
MAX. TOOL DIAMETER (NO ADJACENT TOOL)	mm	150
TOOL CHANGING TIME (TOOL TO TOOL)	sec	1.7
TOOL CHANGING TIME (CHIP TO CHIP)	sec	4
Others		
FLOOR SPACE	mm	2905×2352 / 3040×2352
MACHINE WEIGHT	kg	5400 / 5900
MAX. MACHINE HEIGHT	mm	3060
POWER CAPACITY	KVA	30
AIR SOURCE	bar	6-8

※Specifications are subject to change without prior notice.

MACHINE ACCESSORIES

	VMX-820	VMX-1020
3-Axis Pro-Tensioned Ball Screw	●	●
3-Color Signal Light	●	●
Automatic Lubrication System	●	●
Dust-Proof Electrical Cabinet	●	●
Ethernet Interface	●	●
Enclosed Splash Guard	●	●
Heat Exchanger	●	●
Outside Air Blast	●	●
Rigid Tapping	●	●
RS232	●	●
Spindle Air Blast	●	●
Spindle Air Sealing	●	●
DDS 12000 rpm(Ceramic bearing)	●	●
Work Light*1	●	●
No Counter Weight(Z axis servo motor with brake)	●	●
24T Nos. ATC	●	●
Spindle Coolant Nozzle	●	●
Air Gun Interface	●	●
Oil-Water Separator	●	●
X/Y/Z Axis with Linear Guide(Z axis-roller type)	●	●
Work Light*2	○	○
30T Nos. ATC	○	○
4/5 Axis Interface	○	○
40T Nos. ATC	○	○
4th Axis Interface	○	○
Air Condition	○	○
Auto Tool Length Measurement	○	○
Auto Workpiece Measurement	○	○
Automatic Door	○	○
Automatic Power Off	○	○
C.T.S. with Filter System(top roof must included)	○	○
Chip Convey-Left/Right Side Discharge & Chip Bucket	○	○
Chip Flushing System	○	○
Coolant Gun	○	○
CTS Interface	○	○
Dual-Chip Augers(with Chip Conveyor)	○	○
High Pressure Pump	○	○
Linear Scale	○	○
Oil Skimmer	○	○
Screw type Chip Conveyor-Left/Right Side Discharge & Chip Bucket	○	○
Spindle Oil Cooler	○	○
DDS 15000 rpm(include temperature compensation)	○	○
Temperature Compensation	○	○
Top Roof	○	○

● Standard ○ Optional × N/A