

High Productive Vertical CNC Lathe VT 1150

HIGH PERFORMANCE VERTICAL CNC LATHE

HWACHEON MACHINE TOOL CO., LTD.

VT 1150 is high precision in the long hours of processing and contains a low heat structure cooling system with strong cutting and rapid tool indexing .

MAIN FEATURE

High rigid spindle for heavy duty cutting

55/45 kw

Max. torque 6,458 Nm

High rigid machine structure

X/z axis box way

Largest processing range

1,350 mm max swing

Excellent chip processing

Idle time minimization

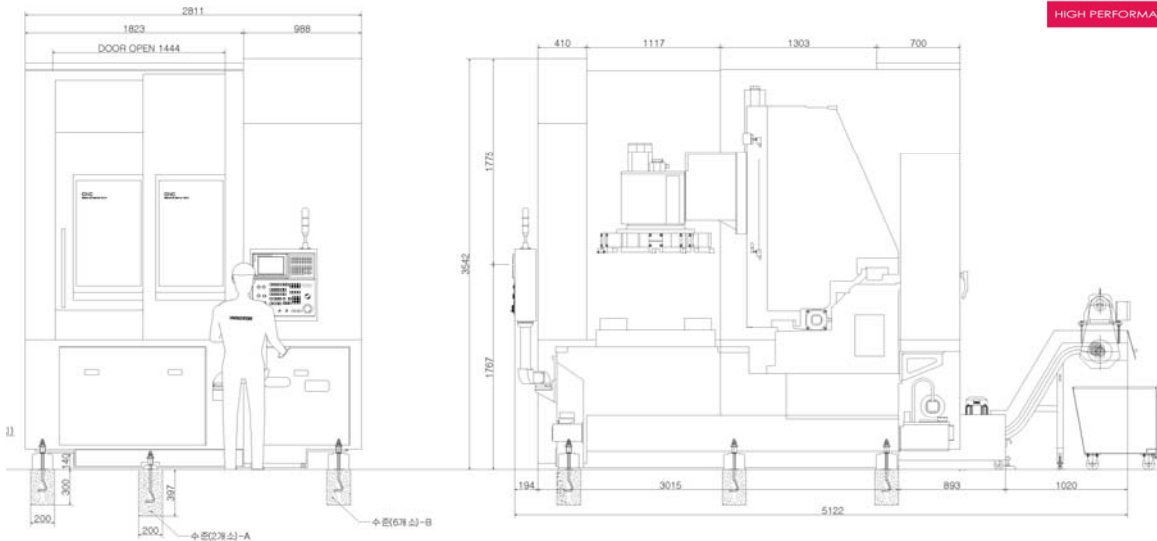
Tool to tool : .25 sec

BMT #75 (7.5kw)

X/Z axis speed: 24m/min

Perfect separation of coolant & lubrication





Item	Unit	VT-1150
Capacity	Max Swing on the Spindle	mm(inch) 1,350(59.8)
	Max Cutting Diameter	mm(inch) 1,150(45.2)
	Standard Tuning Diameter	mm(inch) 447(17.5)
Travel	Max Turning Length	mm(inch) 950(37.4)
	X-Axis Travel	mm(inch) 610(580+30) (24)
	Z-Axis Travel	mm(inch) 950(37.4)
Chuck	Chuck Size	inch 40" (opt 32")
Spindle	Max Spindle Speed	rpm 630 (opt 800)
	Spindle Nose Type	Type No. Ø520 (Ø20.5) Flat
	Through Spindle Hole Diameter	mm(inch) Ø100(3.94)
	Spindle Indexing Angle (Option)	deg 0.001degree
	Spindle Bearing Inner Diameter	mm(inch) Ø200 (7.9)
Turret	Number of Tool Station	ea 12
	Standard Tool Size	mm(inch) 32mm X Ø60 (1.3 X Ø2.4)
	Turret Indexing Time	sec 0.25
	Max, Rotary Tool Spindle Speed	rpm 20-3000
Feed Rates	X-Axis Rapid Traverse Rate	m/min(ipm) 24 (945)
	Z-Axis Rapid Traverse Rate	m/min(ipm) 24 (945)
Motor	Spindle drive motor (30min/cont.)	kW(HP) AC 55/45 (74/60)
	X-Axis Feed Motor	kW(HP) AC 7.0 (9.0)
	Z-Axis Feed Motor	kW(HP) AC 7.0 (9.0)
	Rotary Tool Spindle Motor	kW(HP) AC 7.5/5.5 (10/7.4)
Power	Electrical Power Supply(cont)	kVA 100 KVA
Tank Capacity	Coolant Tank Capacity	L(gal) 520L(138gal)
Machine Size	Machine Height	mm(inch) 3,550(140)
	Floor Space	mm(inch) 2,850X3,950(112x156)
	Mass of Machine	Kgf(lb) 21,000 (46,300)
System	Controller	- F-0iTB(Std)

STANDARD
- Hydraulic Chuck & Cylinder = 40"
- Soft Jaw
- Hydraulic & Lub Unit
- Coolant System
- Foot Switch
- Work light
- Tool kit & Box
- Operation manual & parts list
- Signal lamp (R,G)
- Leveling bolt & plate
- Door interlock

OPTION
- Turn-mill & C-axis indexing(0.001°)
- Hydraulic Chuck & Cylinder = 32"
- Linear Scale (X,Z-Axis)
- Tool Presetter
- Automatic door
- Chip conveyor (Back type)
- Air Blow & Air gun
- Coolant gun
- U-drill holder
- Tool & Work counter
- Hard Jaw
- NC cooler
- High-pressure coolant Pump (6bar)
- Hydraulic pressure check switch
- Signal lamp (R,G,Y)