



700N·m High Torque Spindle, Power and Precision

New!



V.Plus-2000 also available – 2,000mm in X-Axis



High Productivity for Large & Long Workpieces

- Matsura High Torque Spindle - High Speed and Heavy Duty.
- Spindle Rotation Speed 45 – 10,000 min⁻¹
- Versatile and Flexible Machine Configuration for All Industries
- Spindle Taper Hole 7/24 BT50
- Excellent Swarf Management Processing
- X-Axis Stroke 1,500 mm
- Loading Capacity: 2,500 kg



Ergonomic and User Friendly

- Slide & Rotate Operation Panel - Easy Setup and Operation
- 40 Tools as Standard – 20kg Max Tool Weight
- The latest NC System **Matsura G-Tech 30i**

Robust and Dynamic Matsura Machine Design

- Extra Large and Well Lit Machining Enclosure
- Superb Access – 2,000mm Front Door Access
- Large Side Door Access

MAXIA
Innovation by Matsura

Standard Machine Specifications

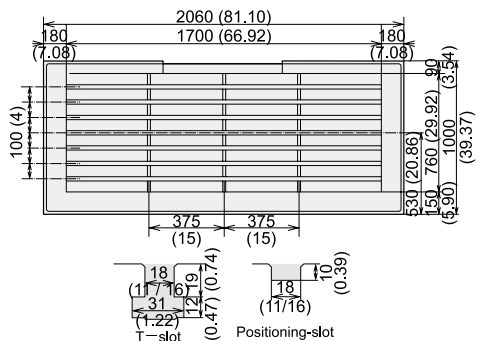
		V.Plus-1500	V.Plus-2000
■ Movement and Ranges			
X-Axis Travel	mm (in.)	1,530 (60.23)	2,040 (80.31)
Y-Axis Travel	mm (in.)	780 (30.70)	780 (30.70)
Z-Axis Travel	mm (in.)	750 (29.52)	750 (29.52)
■ Table			
Working Surface	mm (in.)	1,700 x 760 (66.92 x 29.92)	2,100 x 760 (82.67 x 29.92)
Loading Capacity	kg (lb.)	2,500 (5,500)	2,500 (5,500)
■ Spindle			
Spindle Speed Range	min ⁻¹	45 ~ 10,000	45 ~ 10,000
Spindle Bearing Lubrication		Oil Air	Oil Air
Spindle Motor Power (contin. / 10%)	kW (HP)	18.5 / 22 (30)	18.5 / 22 (30)
Spindle Motor Power (contin. / 30min)	kW (HP)	26 / 30 (40)	26 / 30 (40)
Max. Spindle Torque	N·m/min ⁻¹	700 / 300	700 / 300
■ Feedrate			
Rapid Traverse (X/Y/Z)	mm/min (ipm)	12,000 / 12,000 / 10,000 (472.44 / 472.44 / 393.70)	12,000 / 12,000 / 10,000 (472.44 / 472.44 / 393.70)
Feedrate (X/Y/Z)	mm/min (ipm)	1 ~ 10,000 (0.01 ~ 393.7)	1 ~ 10,000 (0.01 ~ 393.7)
■ Automatic Tool Changer			
Type of Tool Shank		JIS B 6339 tool shank 50T	JIS B 6339 tool shank 50T
Type of Retention Knob		JIS B 6339 pullstud 50P	JIS B 6339 pullstud 50P
Tool Storage Capacity	pcs.	40	40
Max. Tool Diameter	mm (in.)	114 (4.48) / When the pockets on both sides are empty 240 (9.44)	114 (4.48) / When the pockets on both sides are empty 240 (9.44)
Max. Tool Length	mm (in.)	400 (15.74)	400 (15.74)
Max. Tool Weight	kg (lb.)	20 (44)	20 (44)
Tool Change Time : tool to tool	sec.	6.0	6.0
■ Power supply ※ Depending on Options			
Electrical Power Supply	kVA	73	73
Required Air Volume (Max.)	NL/min	500	500
■ Tank Capacity			
Coolant Tank Capacity	L (gal.)	510 (1.34)	510 (1.34)
■ NC System			
Control System		Matsura G-Tech 30i	Matsura G-Tech 30i

Standard Accessories

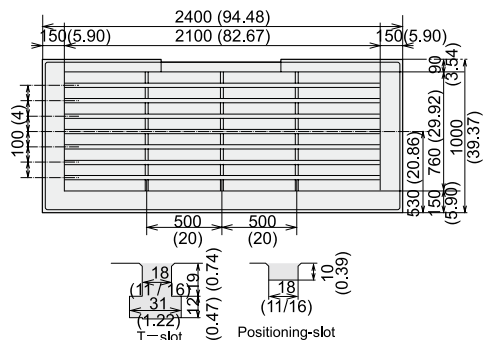
01. Total Splash Guard
02. ATC Magazine Cover
03. Synchronized Tapping Function
04. **AD-TAP** Function
05. **IPC** Function
06. Spindle Oil Coolers
07. Coolant Unit
08. Lubrication Unit
09. Movable Manual Pulse Generator
10. Spindle Overload Protection
11. 9 Sorts of M-Code Counters
12. Work Light
13. Standard Mechanical Tool and Tool Box
14. Machine Color Paint
15. Levelling Plate and Bolts (not Foundation Pad)
16. **Handy Man II F**
17. CD-ROM for Memory Card Operation
18. Matsura Safety Specification

V.Plus-1500 / 2000 Table unit : mm (inch)

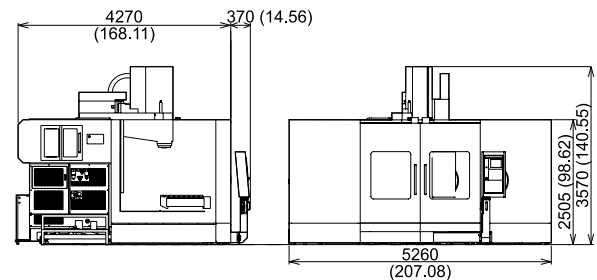
V.Plus-1500



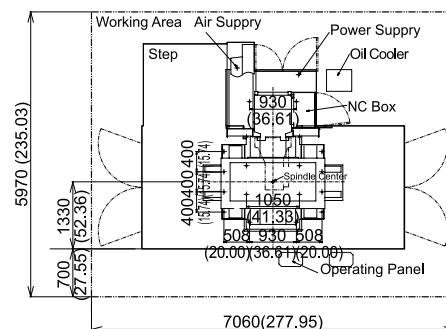
V.Plus-2000



V.Plus-1500 Outline unit : mm (inch)



V.Plus-1500 Floor Plan unit : mm (inch)



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* Product specifications and dimensions are subject to change without prior notice. Products are subject to all applicable export control laws and regulations.