

LARGE, HIGH-SPEED, HIGH-PRECISION MACHINING CENTER







VM series 750(L) · 960(L) · 1260

Low-vibration built-in spindle and highest stroke in its class. Designed for both roughing and finishing, the VM Series provides a product line-up ranging from Unit 7 to Unit 12 sizes. The new design boasting improved operator convenience and work efficiency will raise users' productivity and create added value.





RIGID CONSTRUCTION FOR HEAVY DUTY APPLICATIONS

 High feedrate and precision have been realized with the adoption of a stable C-type column structure and bed design.

HIGHEST RELIABILITY REALIZED WITH A WIDE RANGE OF SPINDLE SPEEDS AND EXCELLENT QUALITY

- Dual contact spindle (standard)
- Gear type 6000 rpm / 8000 rpm
- Built-in type 12000 rpm

CONTROL SOLUTION FOR PROCESSING HIGH-QUALITY MOLDS

- High-speed, high-precision contour control
- Tool monitoring
- Optimal feed control

BASIC STRUCTURE

High feedrate and precision have been realized with the adoption of a stable C-type column structure and bed design.

Rapid traverse

The adoption of a wide box guide structure delivers greater rigidity and stability. The entire upper surface of the saddle is equipped with slide bearings and oil grooves to prevent friction and wear.

Rapid traverse rate

20 / 20 / 20 m/min 787.4 / 787.4 / 787.4 ipm

VM 960 (L) **16 / 16 / 16** m/min
629.9 / 629.9 / 629.9 ipm

12 / 12 / 12 m/min 472.4 / 472.4 / 472.4 ipm



Rigid construction for heavy duty applications

- The rigidity is increased by effectively arranging the box type structure of bed, column and saddle.
- The spindle head is supported by the wide guide way for the stable cutting performance.
- Wide z-side slide and wide y-side transport support prevent skewing and make it suitable for powerful, heavy cutting.

Exceptionally durable all-in-one single frame construction

The wide bed slide is heat-treated with high frequency providing outstanding performance during heavy duty cutting operations.



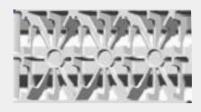
Coolant recirculation system

The cleanliness and service life of the coolant have been improved.



Radial rib structure

The processing is improved with the reduced weight and absorbed vibrations during heavy duty cutting.



Ball screw

Large diameter ball screw for powerful cutting

Fitted with high-precision, fixed ends, pre-tensioned double anchor structure ball screw. The nut is cooled on the outer rim to minimize thermal error, while direct-coupled structure delivers rapid responsiveness and excellent rigidity.



TABLE

Basic type and long type table specifications are available in addition to diverse machining solutions.

The extended X axis travel distance allows the setting up and cutting of wider workpieces of various shapes.

Table size

VM 750 (L)

1600 x 800 (1900 x 800) mm 63.0 x 31.5 (74.8 x 31.5) inch

VM 960 (L)

2400 x 950 (2600 x 950) mm 94.5 x 37.4 (102.4 x 37.4) inch

VM 1260
2800 x 1260 mm
110.2 x 49.6 inch

Max weight on table

VM 750 (L) **3000 (3500)** kg 6613.8 (7716.1) lb VM 960 (L)

4000 (4500) kg 8818.4 (9920.7) lb

vм 1260 **8000** kg 17636.7 lb





A high-speed cam-type to

A high-speed cam-type tool changer has been adopted as a standard feature to deliver higher productivity. The loop-type magazine on the left side of the machine stores 30 tools as standard, and can be extended.





TOOL CHANGE SYSTEM

Tool to tool time (T-T-T)

2.5 sec.

Tool storage capacity

VM 750 (L) / VM 960 (L)

30 ea **40** ea option

VM 1260

40 ea

SPINDLE

The stable thermal-displacement-preventive structure minimizes spindle taper error at high speed. The wide range of speeds and excellent quality of the spindle guarantee the highest reliability.

Gear type

- Powerful cutting of large workpieces: Powerful processing capability of large workpieces with maximum torque is offered by 2-stage gear drive.
- High-speed tapping: Standard adoption of rigid tap allows high speed tapping without the tap holder.
- High rigidity and stability: Rigid angular contact bearing is adopted to assure rigidity and stability by maintaining the rigidity even during heavy duty cutting.

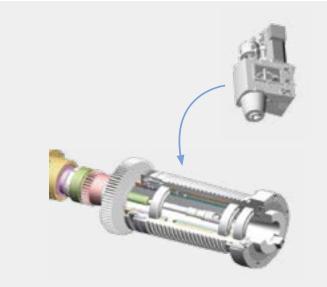
Max. spindle speed

6000 r/min 8000 r/min (option)

Motor (30 min/cont.)

vм 750 (L) / vм 960 (L) **18.5 / 15** kW 24.8 / 20.1 Hp

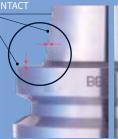
VM 1260
22 / 18.5 kW 29.5 / 24.8 Hp



Dual contact spindle

Dual contact spindle (BIG PLUS) adopted as a standard feature **BIG-PLUS PAT.**

CONVENTIONAL



SPACE

Built-in type option

Rigid and precise spindle

Adoption of 100 diameter rigid ceramic bearing and assure high precision even during the extended time of high speed rotation.

• Highest speed spindle in its class

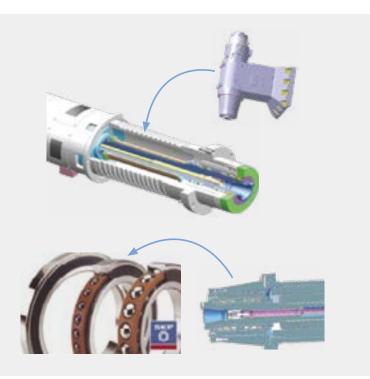
Adoption of low vibration built-in motor offers optimum molding with the highest spindle speed (12000 r/min) and the highest torque of 420 N·m (310.0 ft-lb) in its class.

Max. spindle speed

12000 r/min

Motor (30 min/cont.)

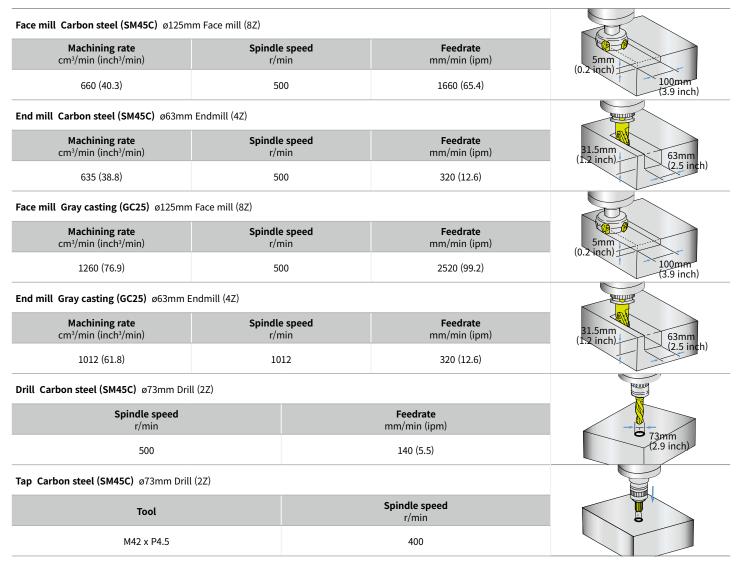
30 / 25 kW 40.2 / 33.5 Hp



CUTTING PERFORMANCE

Provides high-productivity and high-accuracy in a variety of machining operations.

VM 1260 [12000 r/min]

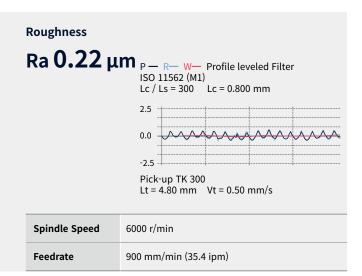


* The results, indicated in this catalogue are provides as example. They may not be obtained due to differences in cutting conditions and environmental conditions during measurement.

Machining accuracy



* The results, indicated in this catalogue are provides as example. They may not be obtained due to differences in cutting conditions and environmental conditions during measurement.



OPTIMIZED TOOL PROCESSING SOLUTION

Superior surface finishes and superior machining precision are achieved by using standard DN Solutions processing solutions, such as high speed / high precision contour control and thermal displacement compensation functions.

High Speed / High Precision Contour Control

- **DSQ1** (AICC2 _ 200 Block + Machining condition selection function)
- DSQ2 _____ (DSQ1 + Data server [1GB])
- **DSQ3** ______ (DSQ2 + High speed processing ______ 600 Block)



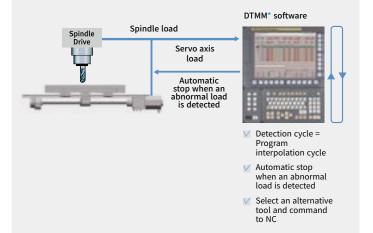


*DSQ : DN Solutions Super Quality

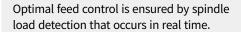
The Optimal Feed Control (DAFC*)

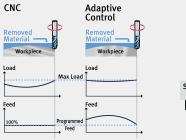


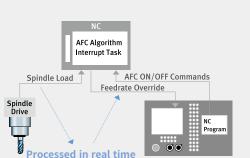
The technology that protects the tool and machine when machining abnormal loads.



*DTMM : DN Solutions Tool load Monitoring for Machining Centers







*DAFC : DN Solutions Adaptive Feedrate Control

Smart, multi-compensation thermal displacement technology

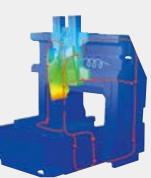
Realization of high-quality, high-precision machining achieved by thermal compensation of the spindle and machine structure.

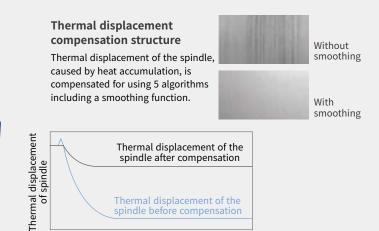
Compensation of static spindle displacement

Compensates for changes in tool position caused by expansion of the spindle shaft during high speed operations.

Structural thermal displacement compensation

Compensates for any irregular deflection or expansion of the structure due to ambient temperature fluctuation by using multiple temperature sensors.





Spindle rotation

Time

STANDARD | OPTIONAL SPECIFICATIONS

A range of options is available to suit individual requirements.

Description	Features			VM750 (L)	VM960 (L)	VM126
	18.5/15 kW, 587.4 N·m			•	•	Х
	6000 r/min		22/18.5 kW, 698.8 N⋅m	0	0	•
			26/22 kW, 825.9 N⋅m	0	0	O
pindle	8000 r/min		18.5/15 kW, 587.4 N·m 22/18.5 kW, 698.8 N·m	0	0	<u> </u>
			22/18.5 kW, 698.8 N·m 26/22 kW, 825.9 N·m	0	0	0
			30/25 kW, 420 N·m	0	0	0
	12000 r/min		30 ea	•	•	X
gazine	Tool storage capacity		40 ea	0	0	- Â
			45°	ĕ		÷
	BIG PLUS BT50		60°	0	0	0
ol shank type			45°	0	0	0
	BIG PLUS CAT50		60°	0	0	0
	BIG PLUS DIN50			0	0	0
	FLOOD		0.15 MPa (0.4 kW)	•	•	•
	12000		0.1 MPa (1.1 kW)	0	0	0
			None	•	•	•
olant	TSC		2 MPa (1.5kW)	0	0	0
			2 MPa (4 kW)	0	0	0
	Shower coolant		7 MPa (5.5 kW)	0	0	0
	CHIP PAN			•	•	O
			Hinged Belt Type Conveyor_Rear			
			Side	0	0	0
	Conveyor		Hinged Belt Type Conveyor_Front	<u>^</u>	<u>^</u>	
ip disposal			Side	0	0	0
	Bucket		Fork Lift Type / 300	0	0	0
			Rotation Type / 300	0	0	0
	Air blower			•	•	•
	Coolant gun			0	0	0
	Linear scale		X / Y / Z axis	0	0	0
ecision	DSQ 1 (200 block)			•	•	•
achining	DSQ 2 (DSQ 1, DATA SERVER 10	G)		0	0	0
tion	DSQ 3 (DSQ 2, 600 block)			0	0	0
	DSQ 4 (DSQ 3, 1000 block)			0	0	0
	1 MPG_Display Type			0	0	0
	1 MPG_Portable Type			0	0	0
PG	1 MPG_Portable_with Enable Type			O	O	O
	3 MPG_Portable Type	- Vno		0	0	0
	3 MPG_Portable_with Enable Type 3 MPG_Stand Type				0	0
					•	•
	3 Color signal tower			•	•	
hers	3 Color signal tower EZ Guide i			0	0	
	Automatic power off			•	•	•
	Work Light		LED Lamp		•	
	Operator Call Lamp		3-Color Signal Tower (LED)			
	Leveling Block & Bolt		S COLOR SIgnal TOWER (LED)	•		
	Smart Thermal Control		Sensor Type (Spindle & Structure)		i i i i i i i i i i i i i i i i i i i	
	Air Blower			ě	•	÷
	Assembly & Operaion Tools Kit			•	•	ĕ
	Auto Tool Length		Renishaw / OMP60	0	0	0
cessories	Measurement	Maker/SPEC.	Renishaw / TS27R	0	0	0
	Step Foot Stool		In front of Machine	0	0	0
	Calibration Block			0	0	0
	Machine Lifting Hooks			0	0	0
	Mist Collector		2.2 KW_Water Soluble	0	0	0
	2.2 KW_None Water Soluble			0	0	0
	Test Bar Gauge			0	0	0
	Air Gun			0	0	0
Customized special option	Coolant level switch : Sensing	level - Low / High		0	0	0
	ATC Auto Shutter		200	0	0	0
	Raising Blocks ATC Auto Shutter		200mm	0	0	0
	Magnetic Scraper Type Conveyor		300mm	0	0	0
	Anchoring ¹⁾	01	J-BOLT	0	0	0 X
	Coolant Chiller ²⁾		J DOLI	0	0	X
			Renishaw / NC4	0	0	0
	Auto Tool Length Measurement Auto Tool Breakage Detection Maker/SPEC.		OMRON / D5A	0	0	0
			Needle	0	0	0
	4th axis Preparation Cabling fo	r Servo /1-Pneumatic P		0	0	0
		Available Size	Ø500mm	0	0	0
	4th axis with CNC R.Table ³⁾	Servo Motor	Depends on the table	0	0	0
		Available Size		0	0	0
	5th axis ³⁾	Servo Motor	Usee Defined	0	0	0

1) PLEASE REFER TO FOUNDATION DRAWING IN RELATION TO ANCHORING. IF MORE DETAIL INFORMATION WANT, CONSULT WITH DN Solutions SERVICE. 2) IN CASE OF USING NEAT CUTTING OIL, THIS DEVICE IS HIGHLY RECOMMENDED IN ORDER TO REDUCE THE CHANGE OF ACCURACY BY RISING THE COOLANT TEMPERATURE.

3) PLEASE INQUIRE DN Solutions R&D DEPARTMENT WHEN END-USER SELECT.



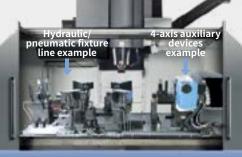
Fire Safety | There is a high risk of fire when using non-water-soluble cutting fluids, processing flammable materials, neglecting the controlled and careful use of coolants Precautions and modifying the machine without the consent of the manufacturer. Always check the SAFETY GUIDELINES carefully before using the machine.

PERIPHERAL EQUIPMENT

Interface for Additional Axis

- Recommended rotary table size : VM 750 (L) : ø320 mm / VM 960 (L) : ø500 mm VM 1260 : ø500 mm
- Please check the driving system (hydraulic or pneumatic) of the rotary table before ordering the machine.





Fixture check list (for hydraulic / pneumatic fixtures)

•	Pressure sou	irce	
	Hydraulic	□ P/T	🗆 A/B
	Pneumatic	□ P/T	🗆 A/B

- Number of ports □ 1pair (2-PT 3/8"port)
 - □ 2pair (4-PT 3/8"port)
 - □ 3pair (6-PT 3/8"port)
- Hydraulic power unit Supply scope :
 End user DN Solutions □ DN Solutions standard unit 24L / min, 4.9 MPa
- □ Other requirements _____ L / min, ___ __MPa



Easy Chip Disposal



Built-in spiral-type coil conveyor at front and rear of the machine (Full Cover)

Lift chip conveyor for fast chip disposal option

Rear Side Chip Conveyor option

Front Side Chip Conveyor option



Diverse Options

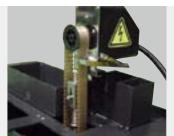
Numerous options are offered for greater efficiency and customer convenience.



Coolant Gun Coolant gun helps keeping the work environment clean.



Through-spindle coolant spray system



Oil skimmer

FANUC 31i/32i PLUS

Fanuc 31i/32i Plus maximizes customer productivity and convenience.

15" Touch screen + New OP

DN Solutions Fanuc 31iB/B5 Plus' operation panel enhances operating convenience by incorporating common-design buttons and layout. It features a Qwerty keyboard for fast and easy data input and operation.

Fanuc 31i/32i Plus

- 15-inch color display
- Intuitive and user-friendly design

USB and PCMCIA card QWERTY keyboard

- EZ-Guide i standard
- Ergonimic operator panel
- 4MB Mem
- Hot keys
- Enhance AICC BLOCK
- Touch pen provided as standar



iHMI touchscreen

iHMI provides an intuitive interface that uses a touchscreen for quick and easy operation.

Range of applications

Providing various applications related to planning, machining, improvement and utility, for customer convenience.



NUMERIC CONTROL SPECIFICATIONS

FANUC

	Specifications	F32iB Plus	
	specifications	VM series (750/960/1260)	
Controlled axes		5 (X,Y,Z)	
		5 axes	
Additional controlled Axis	Add 1 Axis (5th Axis)	•	
Fast data server		0	
Memory card input/output		•	
USB memory input/output		•	
Large capacity memory(2GB)*2	Available Option only with 15" Touch LCD (iHMI Only) *2)	0	
Embedded Ethernet		•	
Fast Ethernet		0	
Enhanced Embedded Ethernet function		•	
DNC operation	Included in RS232C interface.	•	
DNC operation with memory card		•	
	G52 - G59	•	
Addition of workpiece coordinate system	G54.1 P1 X 48 (48 pairs)	•	
Tool number command		T4 digits	
Tilted working plane indexing command	G68.2 TWP	X	
	G5.1 0 . 40 Blocks	X	
	<	X	
		•	
		X	
		X	
		•	
	Only with 15" Touch LCD standard *2)	X	
		•	
		•	
		0	
		_	
	10 A" color I CD	X	
Display unit		X	
Display unit		•	
		×	
		^ O	
		0	
	= . 0	0	
	= . 0	•	
Part program storage SIZE & NUMDER Of registerable programs		0	
registerable programs		0	
		0	
	=		
	10240M(4MB)_4000 programs 20480M(8MB)_4000 programs	0	
	Simultaneously controlled axes Additional controlled Axis Fast data server Memory card input/output USB memory input/output Large capacity memory(2GB)* ² Embedded Ethernet Fast Ethernet Enhanced Embedded Ethernet function DNC operation DNC operation DNC operation with memory card Workpiece coordinate system Addition of workpiece coordinate system	Simultaneously controlled axes Additional controlled Axis Add 1 Axis (5th Axis) Fast data server Add 1 Axis (5th Axis) Fast data server Available Option only with 15" Touch LCD (iHMI Only) *2) Large capacity memory(26B)*2 Available Option only with 15" Touch LCD (iHMI Only) *2) Embedded Ethernet Fast Ethernet Fast Ethernet Enhanced Embedded Ethernet function DNC operation with memory card Morkpiece coordinate system Workpiece coordinate system G52 - 659 Addition of workpiece coordinate system G52 - 659 Addition of workpiece coordinate system G51 - 0, 200 Blocks Al contour control I G5.1 Q, 40 Blocks Al contour control II G5.1 Q, 200 Blocks Al contour control II G5.1 Q, 1000 Blocks *1) High smooth TCP E2 E2 Guidei (Conversational Programming Solution) IHMI with Machining Cycle Display unit 15" color LCD T5" color LCD 15" color LCD Display unit 10.4" color LCD Fast Program storage size & Number of registerable programs 10240M(4MB).1000 programs S120M(2MB).1000 programs 5120M(2MB).1000 programs	

*1) The number of look-ahead blocks may be changed or limited depending on the peripheral device or

the configuration of the internal NC system. *2) Available Option only with Fanuc i plus iHMI

EZ WORK

The software developed by DN Solutions features numerous functions designed for convenience and ease of operation.

EZ work

The EZ work delivers speed and efficiency. This menu-driven innovation not only helps customers reduce setup times, but also simplifies common tasks and procedures, reducing the potential for errors. EZ work reduces operating time, protects machinery, enhances quality and speeds up maintenance interventions.



Tool Load Monitor

Function to automatically monitor tool load (Dierent loads can be set for one tool according to M700 ~ M704)



M/G-Code List Functional description of M code and G code



Tool Management

Function to manage tool information [Tool information / Tool No. / Tool condition (normal, large diameter, worn / damaged, used for the rst time, manual) / Tool name]



Operation Rate Machine operation history management function by date based on load



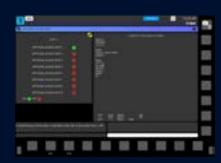
Adaptive Feed Control

Function to control feedrate so that the cutting can be carried out at a constant load (To adapt to the spindle load set up with constant load feedrate control function)



ATC Recovery

Function to view detailed info with recommended actions and to perform step-by-step operation manually (when an alarm is triggered during an ATC operation)



Addition of Optional Block Skip

In addition to the OPTIONAL BLOCK SKIP of the operation panel, the function to skip a specific block selected in the machining program



Spindle Warm Up

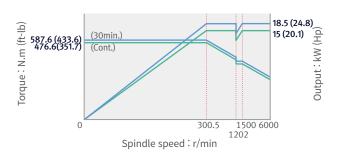
A function that assists spindle warm-up for spindle life when the spindle has not been used for a certain period of time

POWER | TORQUE

Gear type

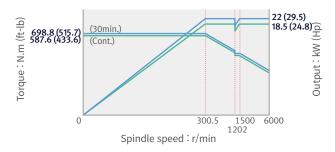
VM 750 (L), VM 960 (L)

Max. spindle speed : 6000 r/min Spindle motor : 18.5/15 kW (24.8/20.1 Hp) (30min./ Cont.)



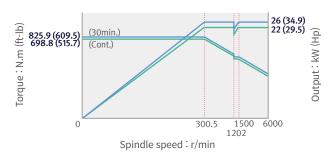
VM 750 (L) option, VM 960 (L) option, VM 1260

Max. spindle speed : 6000 r/min Spindle motor : 22/18.5 kW (29.5/24.8 Hp) (30min./Cont)



VM 750 (L) option, VM 960 (L) option, VM 1260 @

Max. spindle speed : 6000 r/min Spindle motor : 26/22 kW (34.9/29.5 Hp) (30min./Cont.)



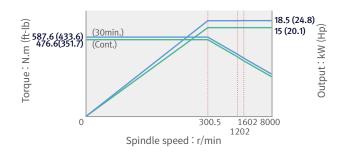
Built-in type

VM 750 (L) option, VM 960 (L) option, VM 1260 option

Max. spindle speed :12000 r/min Spindle motor:30/25 kW (40.2/33.5 Hp) (30min./ Cont.)

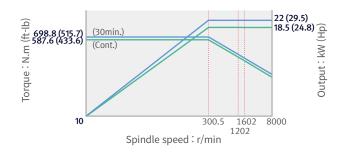
VM 750 (L) option, VM 960 (L) option

Max. spindle speed : 8000 r/min Spindle motor : 18.5/15 kW (24.8/20.1 Hp) (30min./ Cont.)



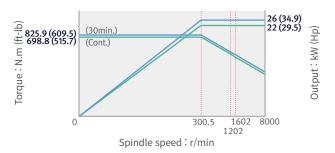
VM 750 (L) option, VM 960 (L) option, VM 1260 option

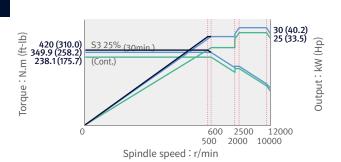
Max. spindle speed : 8000 r/min Spindle motor : 22/18.5 kW (29.5/24.8 Hp) (30min./Cont)

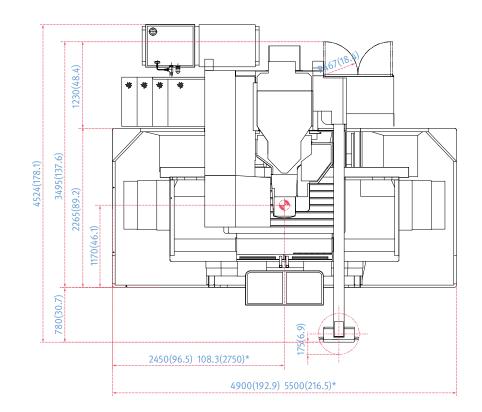


VM 750 (L) option, VM 960 (L) option, VM 1260 option

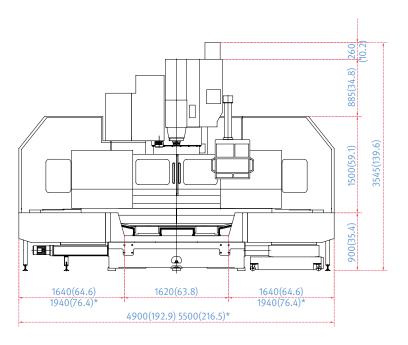
Max. spindle speed : 8000 r/min Spindle motor: 26/22 kW (34.9/29.5 Hp) (30min./Cont.)



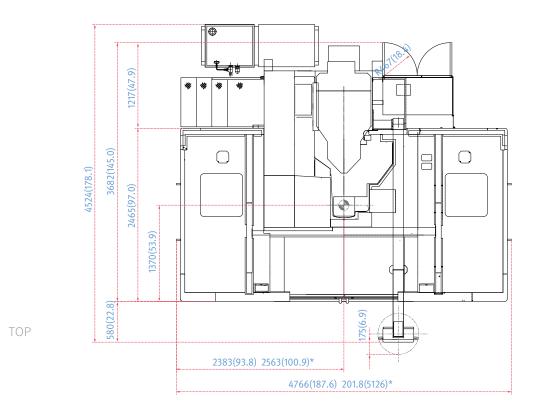


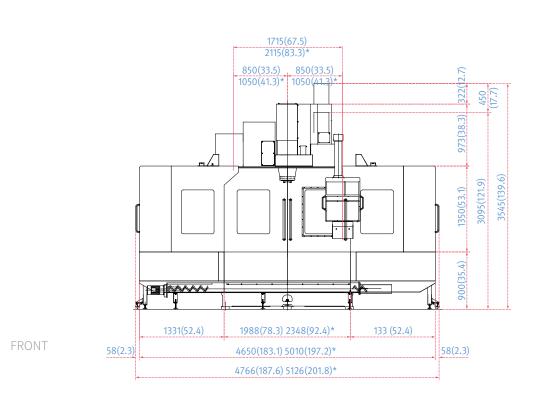


TOP

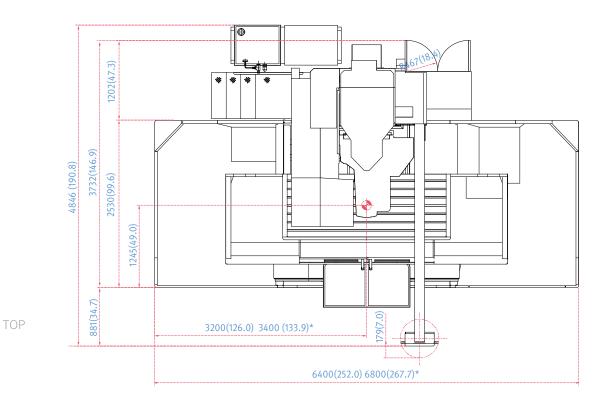


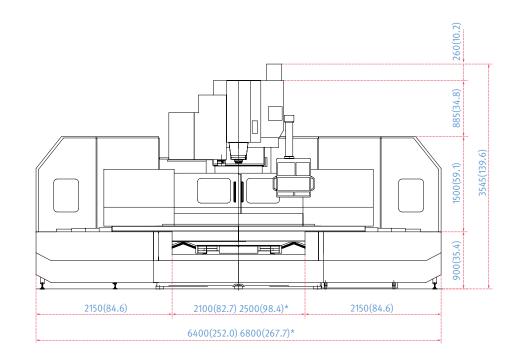
FRONT





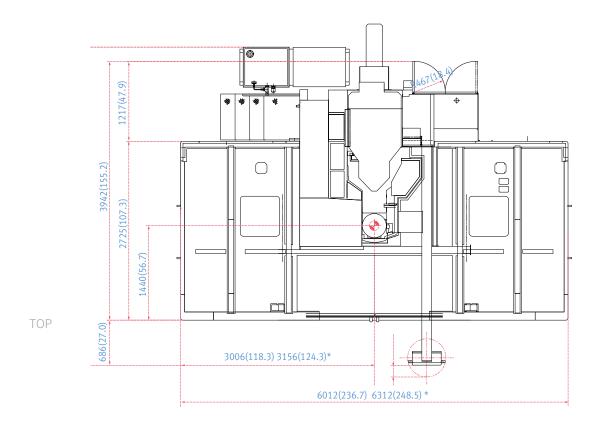
*:VM 750L

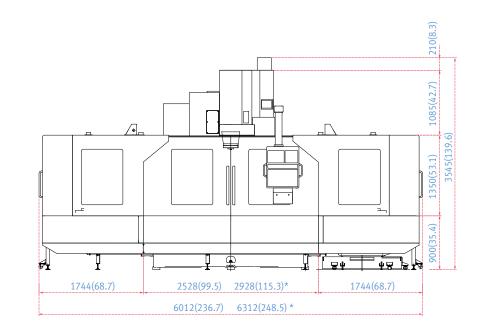






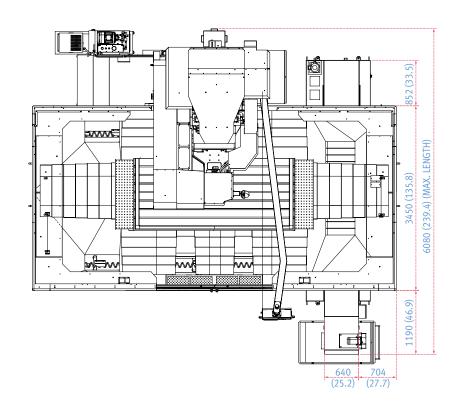
*: VM 960L



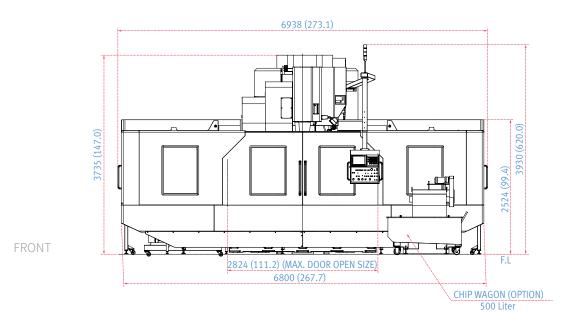


FRONT

*:VM 960L



TOP



TOOL SHANK | TABLE

Tool Shank

Units : mm (inch)

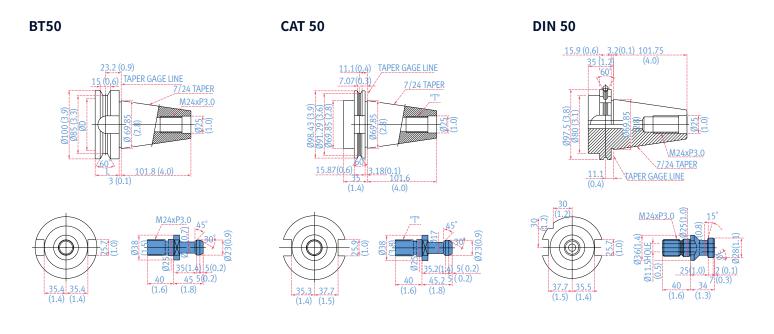
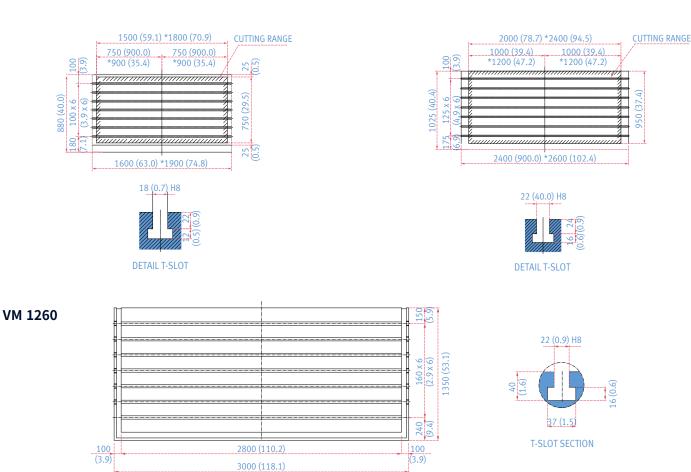


Table (for both half & full cover types)

Units : mm (inch)

VM 750 / 750L



VM 960 / 960L

MACHINE SPECIFICATIONS

Description			Unit	VM750	VM 750L	VM 960	VM 960L	VM 1260
Travel	X-axis		mm (inch)	1500 (59.1)	1800 (70.9)	2000 (78.7)	2400 (94.5)	2500 (98.4)
	Y-axis		mm (inch)	750 (29.5) 960 (37.8)			(37.8)	1260 (49.6)
	Z-axis		mm (inch)	800 (31.5)				900 (35.4)
	Distance from sp top	indle nose to table	mm (inch)	200 - 1000 (7.9 - 39.4)				200 - 1100 (7.9 - 43.3)
	Distance from spindle nose to column		mm (inch)	865 (34.1) 1005 (39.6)			(39.6)	1320 (52.0)
Feedrate	Rapid feedrate (X, Y, Z)		m/min (ipm)	20 / 20 / 20 16 / 16 / 16 (787.4 / 787.4 / 787.4) (629.9 / 629.9 / 629.9)			12 / 12 / 12 (472.4 / 472.4 / 472.4)	
	Cutting feedrate		mm/min (ipm)	10000 8000		000	6000	
Table	Table size		mm (inch)	1600 x 800 (63.0 x 31.5)	1900 x 800 (74.8 x 31.5)	2400 x 950 (94.5 x 37.4)	2600 x 950 (102.4 x 37.4)	2800 x 1260 (110.2 x 49.6)
	Loading capacity	/	kg (lb)	3000	3500	4000	4500	8000
Spindle	Max. spindle spe	ed	r/min	6000 {8000, 12000}				
	Taper			ISO#50 7/24 Taper				
	Max. torque		N·m (ft-lb)	587.6 {698.8, 793.8}, {420}				698.8 {793.8}, {420}
АТС	Type of tool shar	Type of tool shank BIG PLUS MAS403 BT50						
	Tool storage cap	acity	ea	30 {40}				40
	Max. tool diamet	Max. tool diameter mm (inch) ø125 (ø4.9)						
	Max. tool dia. (when a nearest port is empty)		mm (inch)	ø230 (ø9.1)				
	Max. tool length		mm (inch)	350 (13.8)w				
	Max. tool weight		kg (lb)	15 (33.1)				
	Max. tool moment		N∙m (ft-lbs)	12.74 (9.4)				
	Tool selection type			Memory Random				
	Tool change time (tool to tool)		S	2.5				
	Tool change time (chip to chip)		S	6 8		8		
Motor	Spindle motor power (30 min)		kW (Hp)	18.5/15 {22/18.5, 26/22, 30/25} (24.8/20.1 {29.5/24.8, 34.9/29.5, 40.2/33.5})			59.39 {60, 68.33, 70} (79.6 {80.5, 91.6 93.9})	
	Travel motor (X / Y / Z)		kW (Hp)	7 / 7 / 7 (9.4 / 9.4 / 9.4)				9 / 9 / 7 (12.1 / 12.1 / 9.4
Power Consumption		15/18.5 (30 min)		59.39			-	
consumption	Electric power	18.5/22 (30 min)	kVA	{60}				64.95
		22/26 (30 min)		{68.33}				{69.42}
		25/30 (30 min)		{70} {7			{70}	
	Compressed air pressure		Mpa (psi)	0.54 (78.3)				
Tank Capacity	Coolant tank capacity		L	480 520			20	800
	Lubricant tank capacity		L	12				
Machine Size	Height (H)		mm (inch)	3545 (139.6)			3930 (154.7)	
	Dimension (L x W)		mm (inch)	4524 x 4900 {4524 x 4766} (178.1 x 192.9 {178.1x 187.6})	4524 x 5500 {4524 x 5126} (178.1 x 216.5 {178.1 x 201.8})	4846 x 6400 {4846 x 6012} (190.8 x 252.0 {190.8x 236.7})	4846 x 6800 {4846 x 6312} (190.8 x 267.7 {190.8 x 248.5})	5645 x 6938 (222.2 x 273.1)
	Weight		kg (lb)	14000 (30864.3)	14800 (32627.9)	20000 (44091.8)	21000 (46296.4)	31000 (68342.3)

The DN Solutions promise, MACHINE GREATNESS, has two important meanings. The first is simple: DN Solutions makes great machines. The second is a challenge to our end-users. With a product line that is this comprehensive, accurate and reliable, we equip our customers to machine greatness. The big question: *Why should you choose DN Solutions over other options?*

Here's why…



WHAT YOU MAKE AND HOW YOU MAKE IT MATTERS—SO MAKE IT GREAT WITH DN SOLUTIONS.

UNBEATABLE MACHINES

You won't find a more comprehensive range or a better combination of value, performance and reliability anywhere else.

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Machining centres (including 5-axis machines), lathes, multi-tasking turning centres and mill-turn machines, and horizontal borers with best-in-class specifications are all available…ready to install.

ROBUST PRODUCT LINE

We offer an impressive range of machine models and hundreds of configurations. Whatever your machining needs and requirements, there's a DN Solutions for you.

EXPERT SERVICE

Our dedicated, experienced and knowledgeable team is totally committed to improving your productivity, growth and success.

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We're there for you whenever you need us.

We help our customers operate at maximum efficiency by providing them with a range of tried, tested and trusted services - from pre-sales consultancy to post-sales support.



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- Machine installation and testing
- Scheduled preventive maintenance
- Machine repair service

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- Supplying a wide range of original DN Solutions spare parts
- Parts repair service



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- Electrical and mechanical maintenance
- Applications engineering

TECHNICAL SUPPORT

- Supports machining methods and technology
- Responds to technical queries
- Provides technical consultancy

RESPONDING TO CUSTOMERS ANYTIME, ANYWHERE

DN Solutions Global Network

DN Solutions provides systems-based professional support services, before and after the machine tool sale, by responding quickly and efficiently to customers. By supplying spare parts, product training, field service and technical support, we provide the expert care, attention and assistance our customers expect from a market leader.



Global sales and service support network

4	Corporations	
156	Dealer networks	
51	Technical centers Technical Center, Sales Support, Service Support, Parts Support	
200	Service posts	A CONTRACTOR OF
3	Factories	



Head Office 22F T Tower, 30, Sowol-ro 2-gil Jung-gu, Seoul, Korea, 04637 Tel +82-2-6972-0370/0350 Fax +82-2-6972-0400

DN Solutions America

19A Chapin Road, Pine Brook New Jersey 07058, United States Tel: +1-973-618-2500 Fax: +1-973-618-2501

DN Solutions Europe Emdener Strasse 24, D-41540 Dormagen, Germany Tel: +49-2133-5067-100 Fax: +49-2133-5067-111

DN Solutions India

No.82, Jakkuar Village Yelahanka Hobil, Bangalore-560064 Tel: + 91-80-2205-6900 E-mail: india@dncompany.com

DN Solutions China Room 101,201,301, Building 39 Xinzhuan Highway No.258 Songjiang District China Shanghai (2016) Tel: +86 21-5445-1155 Fax: +86 21-6405-1472

Sales inquiry sales@dncompany.com

..... * For more details, please contact DN Solutions.

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