PRECISION • PERFORMANCE • PRODUCTIVITY

VMC SERIES

HIGH PRECISION. SUPERIOR RIGIDITY.
BUILT FOR MAXIMUM PRODUCTIVITY.

RAJSHREE AUTOMATION
AND CNC SERVICES

- HIGH PRECISION
- RIGID STRUCTURE
- ADVANCED TECHNOLOGY
- MAXIMUM PRODUCTIVITY
- HEAVY DUTY CONSTRUCTION
- HIGH TORQUE SPINDLE
- AUTOMATIC TOOL CHANGER
- RELIABLE PERFORMANCE

RACS
RAJSHREE AUTOMATION & CNC SERVICES
RELIABLE | INNOVATIVE | COMMITTED

MACHINING CENTER

ENGINEERED FOR ACCURACY. BUILT FOR PERFORMANCE.

+91 98117 10992 | 88261 15485
info@rajshreeautomation.com
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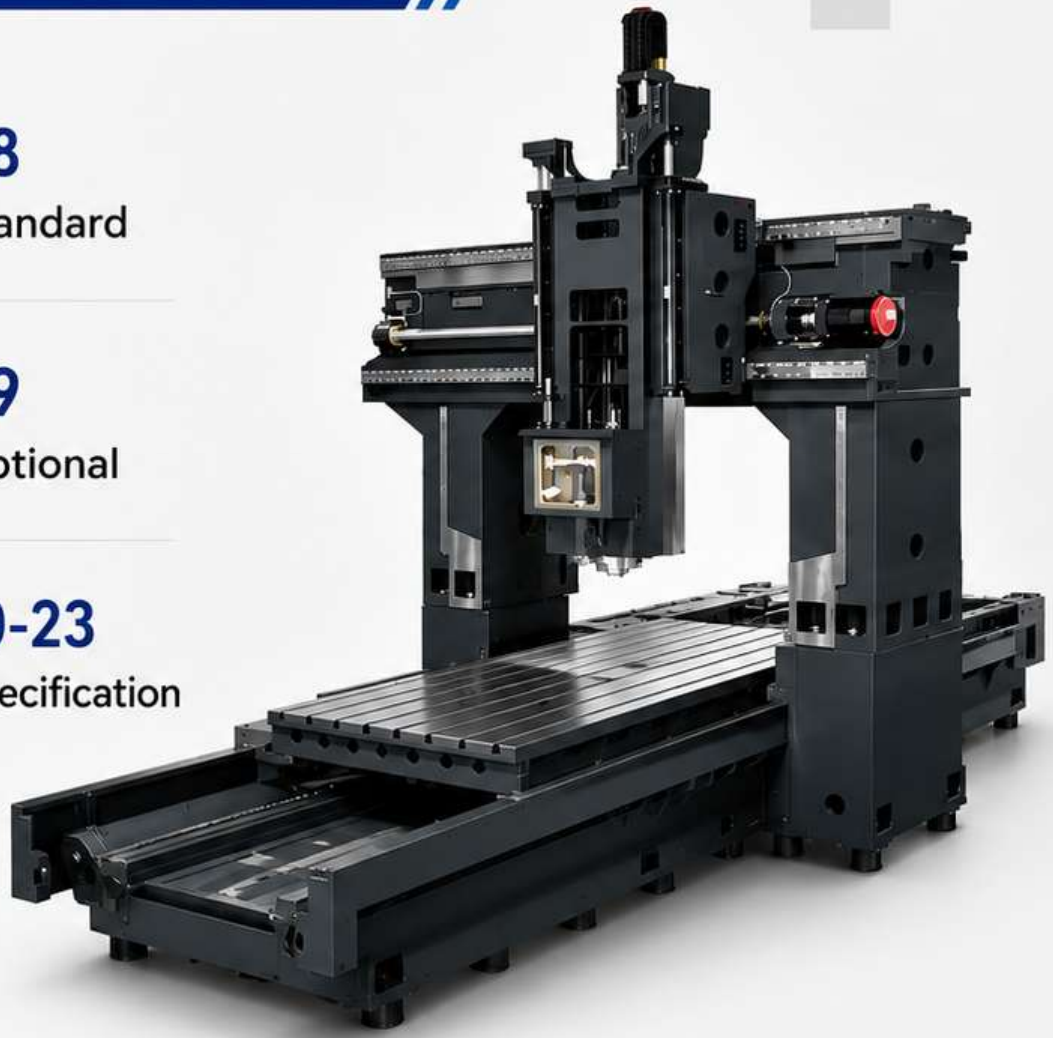
PRECISION IN EVERY DETAIL, EXCELLENCE IN EVERY MACHINE



03 ABOUT US

RACS®
RAJSHREE AUTOMATION AND CNC SERVICES

ENGINEERING EXCELLENCE
DRIVEN BY TRUST & TECHNOLOGY

Rajshree Automation And CNC Services (RACS) is a trusted name in the field of CNC machining solutions. With a strong commitment to quality, innovation and customer satisfaction, we deliver high performance CNC machines and end-to-end support across India.

PREMIUM CNC MACHINING CENTERS
Wide range of VMC and Gantry machines for diverse industries.

TAIWANESE CNC TECHNOLOGY
Advanced, reliable and precision-driven technology.

SALES, INSTALLATION & COMMISIONING
Complete solution from consultation to smooth machine start-up.

PROCESS ENGINEERING SUPPORT
Application support and process optimization for better productivity.

PAN-INDIA SERVICE NETWORK
Prompt service support across India by experienced engineers.

24×7 TECHNICAL SUPPORT
Always available to keep your operations running smoothly.

1500+ m²
Manufacturing Facility
at Neemrana, Rajasthan

100+
Machines Installed
Across India

PAN INDIA
Strong Service Network
for Faster Support

24×7
Technical Support
& Customer Care

04 RIGID STRUCTURE

BUILT FOR ACCURACY. ENGINEERED TO LAST.

1 ONE-PIECE CASTING DESIGN
One-piece casting design in ram and gearbox ensures excellent structural rigidity and vibration damping.

2 Z-AXIS BOX GUIDEWAYS
Box guideways on Z axis is excellent for heavy-duty cutting and high precision.

3 STEPPED DESIGN
Stepped design shifts the gravity center toward crossbeam for enhanced stability.

4 CROSS BEAM GUIDEWAYS
Cross beam guideways with maximum span design for superior strength and stability.

5 ROLLER LINEAR GUIDEWAYS (Y-AXIS)
Roller linear guideways on Y-axis increases rigidity while in axial and lateral directions.

6 HEAVY DUTY CAST BASE
The base is made of pure casting structure ensures long term accuracy and stability.

7 OPTIMAL SPAN
Optimal span between guideways supports working table for high accuracy and load capacity.

8 ONE-PIECE CAST BASE
One piece cast base with two chip slots minimizes cleaning time and provides higher durability and leakage prevention.

9 ROLLER LINEAR GUIDEWAYS (X-AXIS)
Roller linear guideways on X-axis increase table load capacity and rigidity.

05 DISC TYPE TOOL MAGAZINE

High-Speed Automatic Tool Changer

Designed for high productivity, rapid tool exchange and reliable long-term machining performance.

KEY FEATURES

- Disc Type Automatic Tool Magazine
- 24 Tool Capacity
- Servo Controlled Indexing
- High Reliability Tool Clamping
- BT40 / BT50 Compatible
- Designed for Continuous Production
- Compact & Balanced Structure
- Long Service Life

TOOL CHANGING SPEED

BT40	2.4 sec (T1 → T2)
BT50	2.9 sec (T1 → T2)

TECHNICAL SPECIFICATIONS

PARAMETER	BT40	BT50
Tool Capacity	24	24
Max. Tool Weight	8 kg	15 kg
Max. Tool Length	350 mm	350 mm
Max. Tool Diameter (Adjacent Tool)	Ø80 mm	Ø110 mm
Max. Tool Diameter (Empty Pocket)	Ø130 mm	Ø200 mm

FAST TOOL CHANGE

Minimizes non-cutting time for higher productivity

24 TOOL CAPACITY

High capacity for versatile machining operations

DISC TYPE MAGAZINE

Reliable disc type design for smooth and accurate indexing

LOW MAINTENANCE

Designed for long service life with minimal maintenance

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06 DETECTION DEVICE

High Accuracy Inspection • Zero Defect Commitment

Every machine component is inspected with advanced instruments to ensure maximum accuracy, reliability and long life.

1. Correction of Z-axis ball screw

Accurate correction to ensure smooth Z-axis movement and high positioning accuracy.

2. Parallelism correction of linear guideway

Ensuring perfect parallelism for smooth motion and extended guideway life.

3. Correction of Y-axis ball screw

Precision correction for minimal backlash and highly accurate Y-axis movement.

4. Flatness correction of spindle plate

Ensuring flatness of spindle mounting surface for high rigidity and accuracy.

5. Hardness testing of casting

Testing casting hardness to guarantee strength, durability and long-term stability.

6. Ball bar testing

Verifying machine volumetric accuracy and circular interpolation performance.

Laser testing

STRICT QUALITY CONTROL

Every machine undergoes multiple precision inspections to deliver unmatched accuracy and performance.

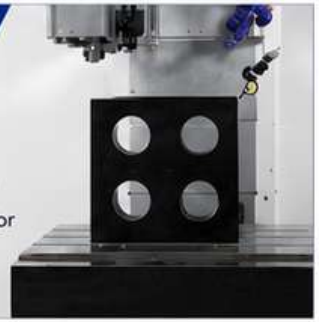
7. Flatness detection of table

Ensuring table flatness for excellent workpiece accuracy and surface finish.

8. XY verticality detection

Checking XY axis verticality to ensure perfect squareness and machining precision.

9. XZ verticality detection



Ensuring XZ axis verticality for accurate alignment and superior machining results.

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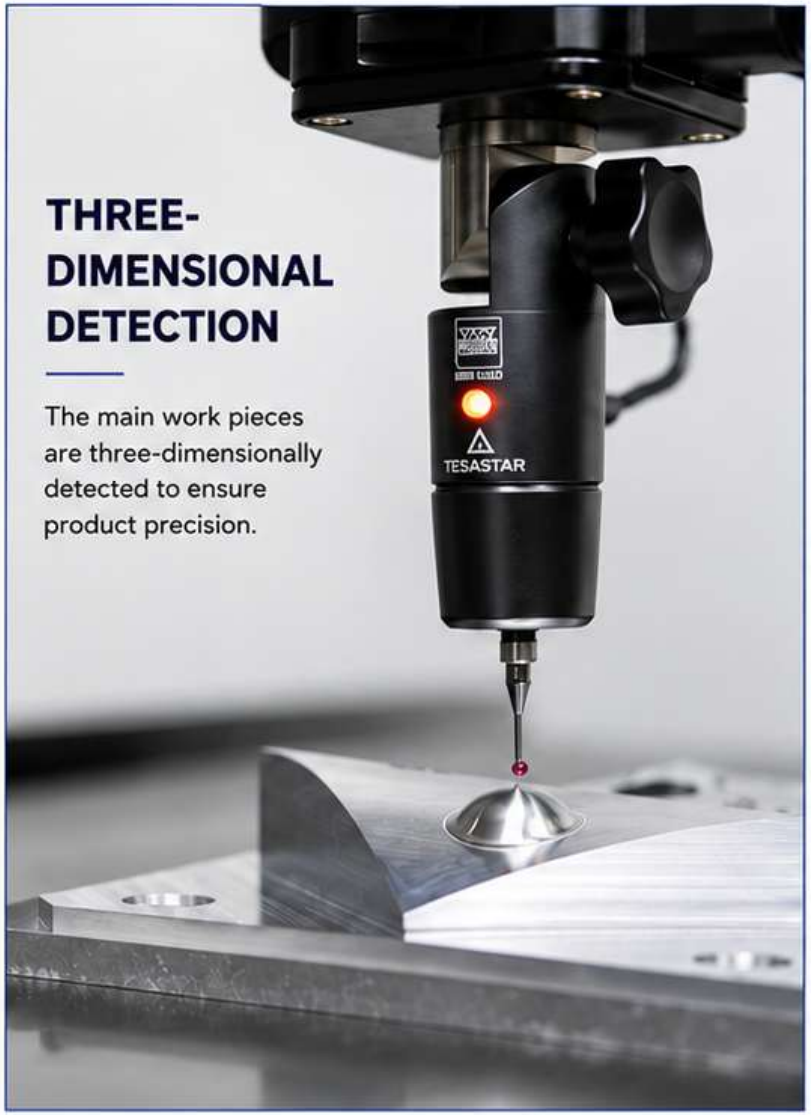
07 DETECTION DEVICE

High Precision Detection • Assured Quality • Zero Compnmise

Advanced detection devices are used at every critical stage to ensure exceptional accuracy, reliability and performance of every machine.



THREE-DIMENSIONAL DETECTION

The main work pieces are three-dimensionally detected to ensure product precision.

1. Spindle pulling force test

Ensuring proper spindle pulling force for high rigidity and long tool life.

2. Spindle shock test

Measuring spindle shock and vibration to ensure smooth and stable performance.

3. Spindle temperature test

Monitoring spindle temperature for accuracy and thermal stability.

4. Spindle deflection test

Checking spindle deflection to guarantee machining accuracy and precision.

PRODUCT TESTING WITH METICULOSITY

Every component is tested with precision equipment to deliver unmatched quality and performance.

5. Magazine load test

KG

Ensuring magazine load capacity for safe and reliable tool changing operation.

6. Spindle coupling detection

Verifying spindle coupling alignment for smooth power transmission and long service life.

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08 STANDARD

Built for Reliability • Designed for Performance

Every component is carefully selected and engineered to ensure long-term accuracy, high efficiency and maximum uptime.

HIGH PRECISION STRUCTURE
Rigorously tested and assembled for superior accuracy and stability.

THERMAL STABILITY
Advanced cooling and lubrication systems ensure consistent performance over long hours.

OPERATOR FRIENDLY
Ergonomic design, easy maintenance and quick accessibility for daily operations.

ENERGY EFFICIENT
High efficiency components reduce power consumption and operating cost.

LONG LIFE COMPONENTS
Premium quality components ensure extended service life and reduced downtime.

PROVEN RELIABILITY
Built on proven technology and international quality standards.

High Pressure Backward Flushing

High Efficiency Chip augers

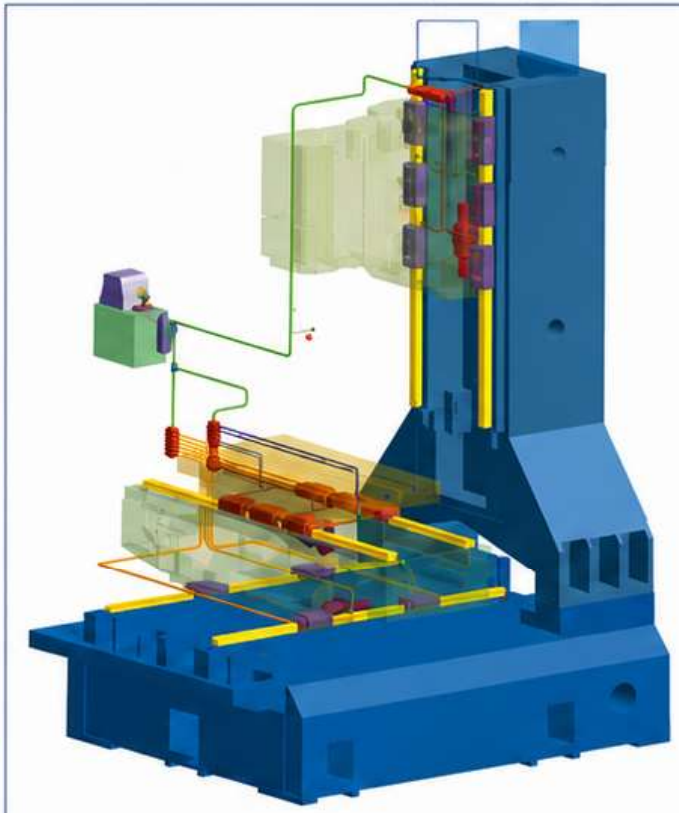
Movable hand wheel

Heat Exchanger

High-efficiency oil cooler

Tricolor light

Warm and soft daylight



Automatic Lubrication System

Oil-water separator

Nitrogen balance system

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09 OPTIONAL

Enhance Performance • Increase Productivity

A wide range of optional accessories can be integrated to meet diverse production requirements and improve overall machine efficiency.

IMPROVED ACCURACY

High precision accessories ensure superior machining accuracy and surface finish.

ENERGY EFFICIENT

Advanced systems help reduce energy consumption and operating costs.

RELIABLE & DURABLE

Built with high quality components for long-lasting performance and minimal downtime.

EASY INTEGRATION

Designed for quick installation and seamless compatibility with the machine.

HIGH PRODUCTIVITY

Optimize your machining process with advanced optional solutions for better output.

Laser toolsetting gauge

Energy saving and environmental friendly oil mist collector

Cutting fluid cooling system

Fourth axis

Air conditioner cooler for electrical cabinet

On-Line measuring apparatus

Chip Conveyor

Automatic Safety Lock

Renishaw measuring contact / Manual tool setting gauge

Optical Ruler

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10

SPECIFICATION

Specification		VMC-750	VMC-855	VMC-1270
X/Y/Z Axis Travel	mm	700/500/500	800/550/550	1200/700/600
Distance fromspindle nose to table surface	mm	110-610	125-625	120-720
Work Table Dimension	mm	900 x 500	1000 X 500	1300 x 600
T-Slot Dimension (Qty-Size-Spacing)	mm	5 –18–100	5 –18–90	5 –18 –100
Max. Working Table Load Capacity	Kg	450	650	1200
Spindle Motor Power	Kw	7.5/11	7.5/ 11	11/ 15
Spindle Torque	NM	35/ 47.7	35/ 47.7	52.5/ 70
Spindle Speed	rpm	8000/ 10000/ 12000	8000/ 10000/ 12000	8000/ 10000/ 12000
Spindle Taper		BT40	BT40	BT40
Positioning Accuracy	mm	±0.005/300	±0.005/300	±0.005/300
Repeatability Accuracy	mm	±0.003/300	±0.003/300	±0.003/300
X/Y/Z - Axis Rapid Speed	m/min	36/36/24	36/36/24	36/36/24
Feed Speed	mm/min	1-10000	1-10000	1-10000
Dia of X/Y/Z - Axis BallScrew	mm	Ø32	Ø40	Ø40
X/Y/Z-Axis motor servo power	KW	1.5/1.5/3	2/2/3	3/3/3
Roller Guideways Size	mm	30/30/35	35/45/45	45/45/45
Controler		Fanuc, Mitsubishi	Fanuc, Mitsubishi	Fanuc, Mitsubishi
Automatic ToolChanging System	T	24 (Optional)	24 (Optional)	24 (Optional)
Net Weight	Kg	4800	5300	8000
Outline Size	mm	2350x2850x2875	2700x2400x2500	3300x3200x2900

We have theright to change the above specifications without notice

VERTICAL MACHINING CENTER VMC

750/855/1270

SPECIFICATION

Specification		VMC-1375V	VMC-1580V	VMC-1695V
X/Y/Z Axis Travel	mm	1300/750/600	1500/800/700	1600/950/700
Distance fromspindle nose to table surface	mm	120-720	160-860	125-825
Work Table Dimension	mm	1300 x 700	1600 X 800	1800 x 900
T-Slot Dimension(Qty-Size-Spacing)	mm	5 – 18 – 100	5 – 22 – 135	5 – 22 – 160
Max. Working Table Load Capacity	Kg	1400	1800	1800
Spindle Motor Power	Kw	11/ 15	15/18	15/18
Spindle Torque	NM	52.5/ 70		
Spindle Speed	rpm	8000/ 10000	6000/ 8000/ 10000/ 12000	6000/ 8000
Spindle Taper		BT40	BT40/BT50	BT40/BT50
Positioning Accuracy	mm	±0.005/300	±0.005/300	±0.005/300
Repeatability Accuracy	mm	±0.003/300	±0.003/300	0.003/300
X/Y/Z - Axis Rapid Speed	m/min	36/36/36	30/30/30	30/30/30
Dia of X/Y/Z - Axis BallScrew	mm	Ø40/ 40/ 40	Ø 50/ 50/ 50	Ø50/ 50/ 50
X/Y/Z-Axis motor servo power	KW	303/303/303	453/453/453	453/453/453
Roller Guideways Size	mm	45/55/45	45/45/45	55/45/55
Controler		Fanuc, Mitsubishi	Fanuc, Mitsubishi	Fanuc, Mitsubishi
Automatic ToolChanging System	T	24 (Optional)	24 (Optional)	24 (Optional)
Net Weight	Kg	8000	13000	13000
Outline Size	mm	3300x3200x2900	4400X3200X3300	3940x3080x3060

We have theright to change the above specifications without notice

VERTICAL MACHINING CENTER VMC

1375V/1580V/1695V

SPECIFICATION

Specification		2016	2516	3016	3516
X/Y/Z Axis Travel	mm	2000/1700/800	2500/1700/800	3000/1700/800	3500/1700/800
Gantry Width	mm	1700			
Distance fromspindle nose to table surface	Mm	200-1000	200-1000	200-1000	200-1000
Work Table Dimension	Mm	1400 x 2100	1400 X 2600	1400 X 3100	1400 X 3600
T-Slot Dimension (Qty-Size-Spacing)	mm	7 – 22 – 200			
Max. Working Table Load Capacity	T	4	5	6	7
Spindle Speed	Rpm	6000			
Spindle Taper		BT50/ Ø190,Gearbox(Optional)BF/ZF			
Positioning Accuracy	Mm	±0.005/300			
Repeatability Accuracy	Mm	±0.003/300			
Dia of X/Y/Z - Axis BallScrew	Mm	Ø50 / 50 / 50	Ø 63 / 50/50	Ø 63 / 50 /50	Ø 80 / 50 /50
Roller Guideways Size	Mm	55-6 / 55-4 / HardGuideways	55-8/ 55-4/ HardGuideways	55-8/ 55-4/ HardGuideways	55-10/55-4/ HardGuideways
Controler		Fanuc, Mitsubishi	Fanuc, Mitsubishi	Fanuc, Mitsubishi	Fanuc, Mitsubishi
Net Weight	T	18.5	20.5	22	25
Outline Size	mm	6600x4150x3780	7600x4150x3780	8600x4150x3780	9600x4150x3780

We have theright to change the above specifications without notice

GANTRY MACHINING CENTER

2016/2516/3016/3516

SPECIFICATION

Specification		2018	2518	3018	3518
X/Y/Z Axis Travel	mm	2000x1900x800	2500/1900/800	3000/1900/800	3500/1900/800
Gantry Width	mm	1900			
Distance fromspindle nose to table surface	Mm	200-1000	200-1000	200-1000	200-1000
Work Table Dimension	Mm	1600 x 2200	1600 x 2700	1600 x 3200	1600 x 3700
T-Slot Dimension (Qty-Size-Spacing)	mm	9 – 22 – 180			
Max. Working Table Load Capacity	T	4.5	6	6.5	7.5
Spindle Speed	Rpm	6000			
Spindle Taper		BT50/ Ø190,Gearbox(Optional)BF/ZF			
Positioning Accuracy	Mm	±0.005/300			
Repeatability Accuracy	Mm	±0.003/300			
Dia of X/Y/Z - Axis BallScrew	Mm	Ø50 / 50 / 50	Ø63 / 50/50	Ø63 / 50 /50	Ø80 / 50 /50
Roller Guideways Size	Mm	55-6 / 55-4 / HardGuideways	55-8/55-4/HardGuideways	55-8/55-4/HardGuideways	55-10/55-4/HardGuideways
Controler		Fanuc, Mitsubishi	Fanuc, Mitsubishi	Fanuc, Mitsubishi	Fanuc, Mitsubishi
Net Weight	T	19.5	22	23.5	26
Outline Size	Mm	6800x4300x4400	7800x4300x4400	8800x4300x4400	9900x4300x4400

We have theright to change the above specifications without notice

GANTRY MACHINING CENTER
2018/2518/3018/3518

SPECIFICATION

Specification		4032	5032	6032	8032	10032
X/Y/Z Axis Travel	Mm	4000 x 3200 x 1250	5000 x 3200 x1250	6000 x 3200 x1250	8000 x 3200 x1250	10000 x 3200 x1250
Gantry Width	mm	3200				
Distance fromspindle nose to table surface	Mm	250-1500				
Work Table Dimension	Mm	3000 x 4000	3000 x 5000	3000 x 6000	3000 x 8000	3000 x 10000
T-Slot Dimension(Qty-Size-Spacing)	mm	15 – 28– 200				
Max. Working Table Load Capacity	T	12	15	18	22	26
Spindle Speed	Rpm	6000				
Spindle Taper		BT50/ Ø200,Gearbox(Optional)BF/ZF				
Positioning Accuracy	Mm	±0.005/300				
Repeatability Accuracy	Mm	±0.003/300				
Dia of X/Y/Z - Axis BallScrew	Mm	Ø80 / 80 / 63	Ø 100 /80 /63	Ø 100 / 80 /63	Ø 100 / 80 /63	Ø 100 / 80 /63
Roller Guideways Size	Mm	3-55-15 / 55-8 / Hard Guideways	3-55-18/55-8/ HardGuideways	3-55-24/55-8/ HardGuideways	3-55-33/55-8/ HardGuideways	3-55-39/55-8/ HardGuideways
Controler		Fanuc, Mitsubishi	Fanuc, Mitsubishi	Fanuc, Mitsubishi	Fanuc, Mitsubishi	Fanuc, Mitsubishi
Net Weight	T	52	58	65	75	85
Outline Size	mm	10800 6500 x 4900	128006500x4900	150006500x4900	192006500x4900	222006500x4900

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GANTRY MACHINING CENTER

4032/ 5032/ 6032/ 8032/ 10032

SPECIFICATION

Specification		4034	5034	6034	8034	10034
X/Y/Z Axis Travel	Mm	4000 x 3400 x 1250	5000 x 3400 x1250	6000 x 3400 x1250	8000 x 3400 x1250	10000 x 3400 x1250
Gantry Width	mm	3400				
Distance fromspindle nose to table surface	Mm	250-1500				
Work Table Dimension	Mm	3000 x 4000	3000 x 5000	3000 x 6000	3000 x 8000	3000 x 10000
T-Slot Dimension(Qty-Size-Spacing)	mm	15 – 28– 200				
Max. Working Table Load Capacity	T	12	15	18	22	26
Spindle Speed	Rpm	6000				
Spindle Taper		BT50/ Ø200,Gearbox(Optional)BF/ZF				
Positioning Accuracy	Mm	±0.005/300				
Repeatability Accuracy	Mm	±0.003/300				
Dia of X/Y/Z - Axis BallScrew	Mm	Ø80 / 80 / 63	Ø 100 /80 /63	Ø 100 / 80 /63	Ø 100 / 80 /63	Ø 100 / 80 /63
Roller Guideways Size	Mm	3-55-15 / 55-8 / Hard Guideways	3-55-18/55-8/ HardGuideways	3-55-24/55-8/ HardGuideways	3-55-33/55-8/ HardGuideways	3-55-39/55-8/ HardGuideways
Controler		Fanuc, Mitsubishi	Fanuc, Mitsubishi	Fanuc, Mitsubishi	Fanuc, Mitsubishi	Fanuc, Mitsubishi
Net Weight	T	53	59	66	76	86
Outline Size	mm	10800 x 6700 x 4900	12800x6700x4900	15000x6700x4900	19200x6700x4900	22200x6700x4900

We have theright to change the above specifications without notice

GANTRY MACHINING CENTER

4034/ 5034/ 6034/ 8034/ 10034

SPECIFICATION

Specification		4038	5038	6038	8038	10038
X/Y/Z Axis Travel	Mm	4000 x 3800 x 1250	5000 x 3800 x1250	6000 x 3800 x1250	8000 x 3800 x1250	10000 x 3800 x1250
Gantry Width	mm	3800				
Distance fromspindle nose to table surface	Mm	250-1500				
Work Table Dimension	Mm	3000 x 4000	3000 x 5000	3000 x 6000	3000 x 8000	3000 x 10000
T-Slot Dimension(Qty-Size-Spacing)	mm	15 – 28– 200				
Max. Working Table Load Capacity	T	14	17	20	24	28
Spindle Speed	Rpm	6000				
Spindle Taper		BT50/ Ø200,Gearbox(Optional)BF/ZF				
Positioning Accuracy	Mm	±0.005/300				
Repeatability Accuracy	Mm	±0.003/300				
Dia of X/Y/Z - Axis BallScrew	Mm	Ø80 / 80 / 63	Ø 100 /80 /63	Ø 100 / 80 /63	Ø 100 / 80 /63	Ø 100 / 80 /63
Roller Guideways Size	Mm	3-55-15 / 55-8 / Hard Guideways	3-55-18/55-8/ HardGuideways	3-55-24/55-8/ HardGuideways	3-55-33/55-8/ HardGuideways	3-55-39/55-8/ HardGuideways
Controler		Fanuc, Mitsubishi	Fanuc, Mitsubishi	Fanuc, Mitsubishi	Fanuc, Mitsubishi	Fanuc, Mitsubishi
Net Weight	T	54	60	68	78	88
Outline Size	mm	10800 x 7100 x 4900	12800x7100x4900	15000x7100x4900	19200x7100x4900	22200x7100x4900

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GANTRY MACHINING CENTER

4038/ 5038/ 6038/ 8038/ 10038

SPECIFICATION

Specification		4042	5042	6042	8042	10042
X/Y/Z Axis Travel	Mm	4000 x 4200 x 1250	5000 x 4200 x1250	6000 x 4200 x1250	8000 x 4200 x1250	10000 x 4200 x1250
Gantry Width	mm	4200				
Distance fromspindle nose to table surface	Mm	250-1500				
Work Table Dimension	Mm	3000 x 4000	3000 x 5000	3000 x 6000	3000 x 8000	3000 x 10000
T-Slot Dimension(Qty-Size-Spacing)	mm	15 – 28– 200				
Max. Working Table Load Capacity	T	15	18	21	25	30
Spindle Speed	Rpm	6000				
Spindle Taper		BT50/ Ø200,Gearbox(Optional)BF/ZF				
Positioning Accuracy	Mm	±0.005/300				
Repeatability Accuracy	Mm	±0.003/300				
Dia of X/Y/Z - Axis BallScrew	Mm	Ø80 / 80 / 63	Ø 100 /80 /63	Ø 100 / 80 /63	Ø 100 / 80 /63	Ø 100 / 80 /63
Roller Guideways Size	Mm	3-55-15 / 55-8 / Hard Guideways	3-55-18/55-8/ HardGuideways	3-55-24/55-8/ HardGuideways	3-55-33/55-8/ HardGuideways	3-55-39/55-8/ HardGuideways
Controler		Fanuc, Mitsubishi	Fanuc, Mitsubishi	Fanuc, Mitsubishi	Fanuc, Mitsubishi	Fanuc, Mitsubishi
Net Weight	T	55	62	70	80	90
Outline Size	mm	10800 x 7500 x 4900	12800x7500x4900	15000x7500x4900	19200x7500x4900	22200x7500x4900

We have theright to change the above specifications without notice

GANTRY MACHINING CENTER

4042/ 5042/ 6042/ 8042/ 10042

SPECIFICATION

Specification		4046	5046	6046	8046	10046
X/Y/Z Axis Travel	Mm	4000 x 4600 x 1250	5000 x 4600 x1250	6000 x 4600 x1250	8000 x 4600 x1250	10000 x 4600 x1250
Gantry Width	mm	4600				
Distance fromspindle nose to table surface	Mm	250-1500				
Work Table Dimension	Mm	3000 x 4000	3000 x 5000	3000 x 6000	3000 x 8000	3000 x 10000
T-Slot Dimension(Qty-Size-Spacing)	mm	15 – 28– 200				
Max. Working Table Load Capacity	T	15	18	21	25	30
Spindle Speed	Rpm	6000				
Spindle Taper		BT50/ Ø200,Gearbox(Optional)BF/ZF				
Positioning Accuracy	Mm	±0.005/300				
Repeatability Accuracy	Mm	±0.003/300				
Dia of X/Y/Z - Axis BallScrew	Mm	Ø80 / 80 / 63	Ø 100 /80 /63	Ø 100 / 80 /63	Ø 100 / 80 /63	Ø 100 / 80 /63
Roller Guideways Size	Mm	3-55-15 / 55-8 / Hard Guideways	3-55-18/55-8/ HardGuideways	3-55-24/55-8/ HardGuideways	3-55-33/55-8/ HardGuideways	3-55-39/55-8/ HardGuideways
Controler		Fanuc, Mitsubishi	Fanuc, Mitsubishi	Fanuc, Mitsubishi	Fanuc, Mitsubishi	Fanuc, Mitsubishi
Net Weight	T	59	65	73	85	95
Outline Size	Mm	10800 x 7900 x 4900	12800x7900x4900	15000x7900x4900	19200x7900x4900	22200x7900x4900

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GANTRY MACHINING CENTER

4046/ 5046/ 6046/ 8046/ 10046

SPECIFICATION

Specification		1612 L	2012 L
X/Y/Z Axis Travel	Mm	1600 X 1300 X 800	2000 X 1300 X 800
Gantry Width	Mm	1300	
Distance fromspindle nose to table surface	Mm	190-990	
Work Table Dimension	Mm	1000 X 1600	1000 X 2000
T-Slot Dimension (Qty-Size-Spacing)	mm	7 – 22 – 140	
Max. Working Table Load Capacity	T	4	4.5
Spindle Speed	Rpm	6000	
Spindle Taper		BT50/ Ø190,Gearbox(Optional)BF/ZF	
Positioning Accuracy	Mm	±0.005/300	
Repeatability Accuracy	Mm	±0.003/300	
Dia of X/Y/Z - Axis BallScrew	Mm	Ø50 / 50 / 50	Ø 63 / 50 /50
Roller Guideways Size	Mm	45-6 / 45-6 / HardGuideways	45-8/ 45-6/ HardGuideways
Controler		Fanuc, Mitsubishi	Fanuc, Mitsubishi
Net Weight	T	16	18
Outline Size	Mm	5850 X 3700 X 3600	6500x3700x3600

We have theright to change the above specifications without notice

GANTRY MACHINING CENTER

1612 L/ 2012 L

SPECIFICATION

Specification		2720L	3220L	3720L	4220L
X/Y/Z Axis Travel	Mm	2700 x 2000 x 1000	3200 x 2000 x 1000	3700 x 2000 x 1000	4200 x 2000 x 1000
Gantry Width	Mm	2000			
Distance fromspindle nose to table surface	Mm	180-1180			
Work Table Dimension	Mm	1800 x 2500	1800 x 3000	1800 x 3500	1800 x 4000
T-Slot Dimension(Qty-Size-Spacing)	Mm	9– 22– 190			
Max. Working Table Load Capacity	T	5	6	8	9
Spindle Speed	Rpm	6000			
Spindle Taper		BT50/ Ø190,Gearbox(Optional)BF/ZF			
Positioning Accuracy	Mm	±0.005/300			
Repeatability Accuracy	Mm	±0.003/300			
Dia of X/Y/Z - Axis BallScrew	Mm	Ø63 / 50 / 50	Ø80 / 50/50	Ø80 / 50 /50	Ø80 / 50 /50
Roller Guideways Size	Mm	45-8 / 45-4 / Hard Guideways	55-10/45-4/HardGuideways	55-10/45-4/HardGuideways	55-14/45-4/HardGuideways
Controler		Fanuc, Mitsubishi	Fanuc, Mitsubishi	Fanuc, Mitsubishi	Fanuc, Mitsubishi
Net Weight	T	22	26	28	30
Outline Size	Mm	8000 x 4000 x4000	8500x4000x4000	9000x4000x4000	10000x4000x4000

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GANTRY MACHINING CENTER

2720L/ 3220L/ 3720L/ 4220L

SPECIFICATION

Specification		3022L	4022L	5022L
X/Y/Z Axis Travel	Mm	3000 x 2200 x 1000	4000 x 2200 x 1000	5000 x 2200 x 1000
Gantry Width	Mm	2000		
Distance fromspindle nose to table surface	Mm	180-1180		
Work Table Dimension	Mm	1800 x 2500	1800 x 3000	1800 x 3500
T-Slot Dimension (Qty-Size-Spacing)	Mm	9– 22– 190		
Max. Working Table Load Capacity	T	5	6	8
Spindle Speed	Rpm	6000		
Spindle Taper		BT50/ Ø190,Gearbox(Optional)BF/ZF		
Positioning Accuracy	Mm	±0.005/300		
Repeatability Accuracy	Mm	±0.003/300		
Dia of X/Y/Z - Axis BallScrew	Mm	Ø63 / 50 / 50	Ø 80 / 50 /50	Ø 80 / 50 /50
Roller Guideways Size	Mm	45-8 / 45-4 / HardGuideways	55-10/45-4/HardGuideways	55-10/45-4/HardGuideways
Controler		Fanuc, Mitsubishi	Fanuc, Mitsubishi	Fanuc, Mitsubishi
Net Weight	T	22	26	28
Outline Size	Mm	8000 x 4000 x4000	8500x4000x4000	9000x4000x4000

We have theright to change the above specifications without notice

GANTRY MACHINING CENTER

3022L/ 4022L/ 5022L

SPECIFICATION

Specification		3025L	4025L	5025L	6025L	8025L
X/Y/Z Axis Travel	Mm	3000 x 2700 x 1000	4000 x 2700 x 1000	5000 x 2700 x 1000	5000 x 2700 x1000	5000 x 2700 x1000
Gantry Width	Mm	2700				
Distance fromspindle nose to table surface	Mm	280-1280			270-1270	190-1190
Work Table Dimension	Mm	2300 x 3000	2300 x 4000	2300 x 5000	2300 x 6000	2300 x 8000
T-Slot Dimension(Qty-Size-Spacing)	Mm	11– 28– 200				
Max. Working Table Load Capacity	T	10	12	15	18	18
Spindle Speed	Rpm	6000				
Spindle Taper		BT50/ Ø200,Gearbox(Optional)BF/ZF				
Positioning Accuracy	Mm	±0.005/300				
Repeatability Accuracy	Mm	±0.003/300				
Dia of X/Y/Z - Axis Ball Screw	Mm	Ø80 / 63 / 50			Ø 100 / 63 / 50	Ø 100 / 63 / 50
Roller Guideways Size	Mm	55-10/ 55-4 / Hard Guideways	55-14/55-4/HardGuideways	55-14/55-4/HardGuideways	55-18/55-4/ HardGuideways	55-26/55-4/ HardGuideways
Controler		Fanuc, Mitsubishi	Fanuc, Mitsubishi	Fanuc, Mitsubishi	Fanuc, Mitsubishi	Fanuc, Mitsubishi
Net Weight	T	42	48	53	60	76
Outline Size	Mm	9150 x 6450 x 5350	11000x6450x5350	13100x6450x5350	16300x6450x5350	19400x6450x5350

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3025L/ 4025L/ 5025L/ 6025L/ 8025 L

SPECIFICATION

Specification		3028L	4028L	5028L	6028L	8028L
X/Y/Z Axis Travel	Mm	3000 x 2800 x 1000	4000 x 2800 x 1000	5000 x 2800 x 1000	5000 x 2800 x1000	5000 x 2800 x1000
Gantry Width	Mm	2800				
Distance fromspindle nose to table surface	Mm	280-1280			270-1270	190-1190
Work Table Dimension	Mm	2300 x 3000	2300 x 4000	2300 x 5000	2300 x 6000	2300 x 8000
T-Slot Dimension(Qty-Size-Spacing)	Mm	11– 28– 200				
Max. Working Table Load Capacity	T	10	12	15	18	18
Spindle Speed	Rpm	6000				
Spindle Taper		BT50/ Ø200,Gearbox(Optional)BF/ZF				
Positioning Accuracy	Mm	±0.005/300				
Repeatability Accuracy	Mm	±0.003/300				
Dia of X/Y/Z - Axis Ball Screw	Mm	Ø80 / 63 / 50			Ø 100 / 63 / 50	Ø 100 / 63 / 50
Roller Guideways Size	Mm	55-10/ 55-4 / Hard Guideways	55-14/55-4/ HardGuideways	55-14/55-4/ HardGuideways	55-18/55-4/ HardGuideways	55-26/55-4/ HardGuideways
Controler		Fanuc, Mitsubishi	Fanuc, Mitsubishi	Fanuc, Mitsubishi	Fanuc, Mitsubishi	Fanuc, Mitsubishi
Net Weight	T	42	48	53	60	76
Outline Size	Mm	9150 x 6450 x 5350	11000x6450x5350	13100x6450x5350	16300x6450x5350	19400x6450x5350

We have theright to change the above specifications without notice

GANTRY MACHINING CENTER

3028L/ 4028L/ 5028L/ 6028L/ 8028L

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Precautions:

- Due to product improvement and development, specification is subjected to change without further notice.
- Materials and pictures are for reference only, please refer to the actual product.
- Contact RAJSHREE sales office for questions regarding catalog content.
- Actual machine standard features may differ in some details from machine shown in catalog images.
- For safe operation, please read the instruction manual carefully before use.

G57, EPIP, RIICO Industrial Area,
Neemrana, Alwar, Rajasthan,
301705, INDIA

9811710992
8826115485

www.rajshreeautomation.com

info@rajshreeautomation.com