CVM Series

High Performance Vertical Machining Centres

cosmos®

MADE IN INDIA
INDIA
FOR THE GLOBE

CVM 700G | CVM 700 | CVM 800 | CVM 1050 | CVM 1160 | CVM 1365 | CVM 1370 | CVM 1570 | CVM 1680

Crafting Machines of Tomorrow

Crafting Machines of tomorrow : Cosmos, driven by passion & performance is dedicated in crafting CNC machines since 1987. We offer extensive product range designed to meet the diverse needs of modern industries. From high-performance Vertical Machining Centres and versatile Drill Tap Centres to precise Surface Grinding Machines and robust Vertical Lathes, our offerings empower businesses to achieve new heights of productivity and efficiency. Our solutions blend seamlessly with innovation to shape the future of manufacturing.

At Cosmos, we believe in bringing joy and meaning to people's lives—a philosophy that drives everything we do. For us, every advancement is a step toward future where innovation & fulfilment go hand in hand.

India's Largest Exporter of Vertical Machining Centres

Leading Business Enterprise of Tomorrow

Best Metal Cutting Brand of 2024-25

Industries We Serve

- *Die & Mould*
- *Aerospace*
- *Medical Implants & Equipments*
- *Automotive Industry*
- *Pumps & Valves*
- *Steel & Energy*
- *Electronics & Semiconductors*
- *Oil & Gas Industry*

Core Values

At Cosmos, our guiding principles are not just statements—they are our promises. We believe in aligning with a vision to contribute to the nation's growth by creating opportunities, fostering innovation, and delivering excellence. Our commitment to quality and customer satisfaction drives us to build cutting-edge CNC solutions that empower industries and inspire progress.

At Cosmos, our values are the core of who we are.

SINCERITY | DISCIPLINE | INTEGRITY | ETHICAL PRACTICES | HARMONY | SUSTAINABILITY

About CVM Series

Our cutting-edge CVM series is designed to exceed global quality standards while maintaining exceptional affordability. Every detail is crafted with precision to enhance productivity and performance.

- ***Unity Structure & Robust Casting:*** *Ensures unmatched stability and durability.*
- ***Global Standard Spindle:*** *Delivers superior accuracy and reliability.*
- ***Customized Control with Zenez Inside:*** *Optimized for enhanced cutting performance and efficiency.*
- ***Ergonomic Design:*** *Engineered for a fatigue-free operator experience.*

Engineered for Strength

Unity Structure and Robust Casting

We've extended the life of our machines through a simple yet effective approach: reducing the number of subassemblies. This means that we've integrated crucial components like the bearing housing mounting bracket, motor mounting brackets, and nut housing directly into the main casting. This not only enhances the machine's durability but also simplifies maintenance for a more reliable and hassle-free experience.

Integrated Motor And Bearing Mounts*

Enhanced Axis Alignment:

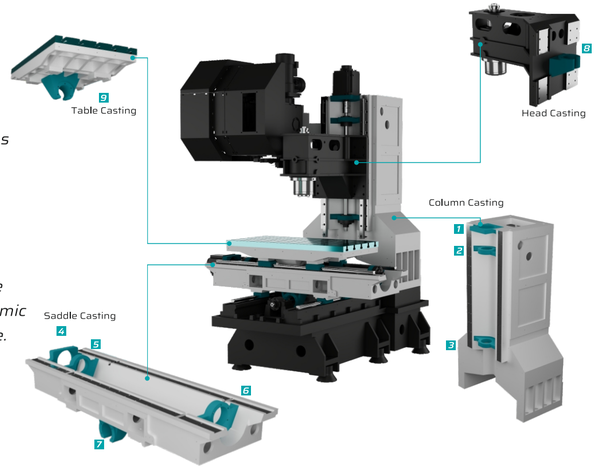
We've perfected the alignment of the axis drive motor and ball screw, ensuring smoother and more precise operation.

Exceptional Parallelism:

Achieving precise parallelism of the ballscrew with LM guideways ensures optimal machining precision, while integrated mounts double as strengthening ribs for added durability and stability - delivering a superior machining experience.

Integrated Ballnut Housing*

Our innovative design integrates ballscrew-nut housings into the machine's casting, forming a sturdy unit that enhances the dynamic stiffness of key components like the table, headstock, and saddle. This improves precision, stability, durability, and reliability for consistent, high-quality performance.



*Images 1-6 | **Images 7-9

Wide A-shaped Column

The extra-wide base of the column provides superior stability and effectively absorbs cutting forces, preventing any deflection and leading to improved cutting dynamics.

Golden Triangular Frame Design

By ensuring maximum bed width, we optimise kinematics for superior performance. This design also lowers the centre of gravity, enhancing stability during cutting, resulting in a chatter-free surface finish and prolonged tool life.

Extended Headstock Guides

The extended A:B ratio not only allows for larger components on the machine table but also enhances headstock rigidity during rapid high-feed cutting. This rigidity safeguards spindle accuracy by preventing headstock sag, ensuring precision in machining operations.

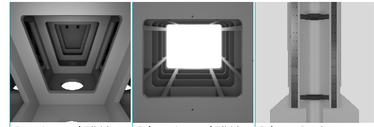
High Quality Imported Spindle

Our cartridge type spindle delivers exceptional performance, minimising runout while providing impressive cutting torque. Every spindle in our lineup undergoes rigorous dynamic balancing and thermal deformation testing, ensuring optimal precision and reliability in every machining operation.

Machining Stability Ensured

Our machines are distinguished by the extraordinary power of our signature ribs, the cornerstone of strength and quality in our construction. These ribs are strategically positioned to fortify our machines, elevating their structural integrity and amplifying overall robustness.

For heavy-duty cutting tasks, our ribs are the secret to success. They stand out in enhancing torsional rigidity, expertly reducing vibrations, and virtually eliminating deformation. The outcome is a level of machining precision and reliability that's second to none - a testament to the enduring quality and unwavering strength of our ribs. Place your trust in the bedrock of excellence; rely on our ribs to deliver.


Base Internal Ribbing | Column Internal Ribbing | Column Casting

Key Features

High Visibility Front Doors
The front doors are constructed using heavy-duty, shatterproof polycarbonate material. The generously sized window provides operators with clear and unobstructed visibility, making it effortless to monitor machining processes.

Secure Tool Storage: Enclosed Cabinet With Adjustable Rack
All CVM machines come equipped with endorsed cabinets featuring racks, providing a safe and organised space to store your valuable tools. The adjustable design ensures flexibility to accommodate tools of various sizes with ease.

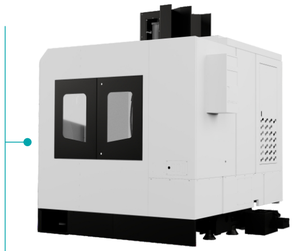
Holster For Your Guns
The machines feature scuffless steel panels equipped with holsters for your coolant and air guns. This thoughtful design ensures your guns are securely stored, preventing paint scratches, accidental drops, and messy coolant drips, enhancing both efficiency and workplace safety.

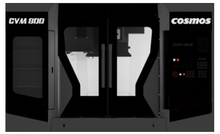
Stainless Steel Protector
Front panels often bear the brunt of scratches and rust from operator handling of tools, tackle, and components. Our solution? Stainless steel protection to eliminate these issues, ensuring lasting durability and a pristine appearance. Say goodbye to scratches and rust concerns.

Brilliantly Illuminated for Optimal Visibility
Designed for optimal visibility in low light, CVM machines include a dual work lamp with white LEDs, a three-colour tower lamp, ambient tool cabinet lighting, and an illuminated machine name, ensuring a well-lit workspace for operator ease.

Seamless Access: Spacious Side Doors
Generously sized side doors are designed for easy access to the machine. These doors are strategically positioned below the table height, ensuring convenience during extended use. Work comfortably and efficiently with hassle-free access to your machine. (Except 700)

Versatile 360° Machine Design
Our machines feature a smooth, flush design on all four faces, offering you the freedom to position the machine in any orientation within your factory. Enjoy a sleek appearance from every angle.



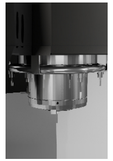


Illuminated Design
All our machines are with LED lamps to create a well-lit working environment, ensuring optimal visibility and ease of operation. Built for durability and minimal maintenance.

Easy Access Maintenance
We've improved machine manageability with easy access windows to essential peripherals, streamlining maintenance and ensuring efficient operation.

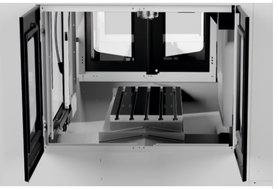
Excellent Chip Disposal
The machines feature steeply slanted telescopic sliding covers that excel in chip disposal performance, keeping your workspace clean and ensuring uninterrupted machining.

Ring Coolant
Our ring coolant nozzles, strategically positioned around the spindle, deliver coolant to the cutting area, ensuring performance, efficient heat dissipation, and an optimal machining experience.

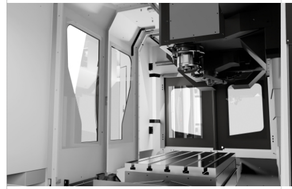


Additional Features

STAINLESS STEEL SILL PROTECTOR

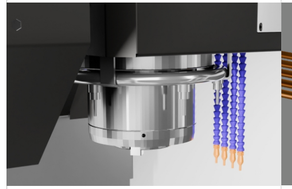


BIG DUAL SIDE WINDOWS

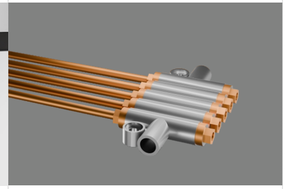


FULLY ENCLOSED GUARDING

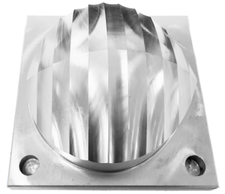
INBUILT TOOL STORAGE CABINET



1 AIR AND 3 COOLANT NOZZLES



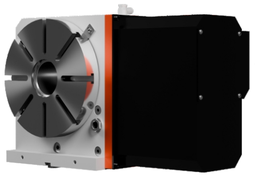
COPPER PIPE FOR LUBRICATION



Die and Mould crafted using Cosmos CVM machines for superior quality and performance.

Optional Features

4th AXIS ROTARY TABLE PACKAGE



Additional Options

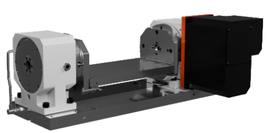
- *Tailstock*
- *3 Jaw Self centering Chuck*
- *4 Jaw Self centering Chuck*
- *Special Work holding*

Also available

Rotary Multiface Production System with

- *Rotary Table*
- *Base Plate*
- *Fixture Plate*
- *L Bracket x 2*
- *Faceplate type tailstock support with brake*
- *Hydropneumatic clamping system*

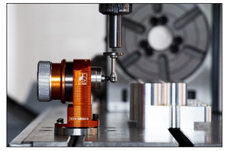
4th AXIS ROTARY MANUFACTURING SYSTEM



TOOL LENGTH MEASUREMENT (LTS)

Tool breakage *Thermal effect*

WIRELESS TOOL SETTER AND PART SETTER



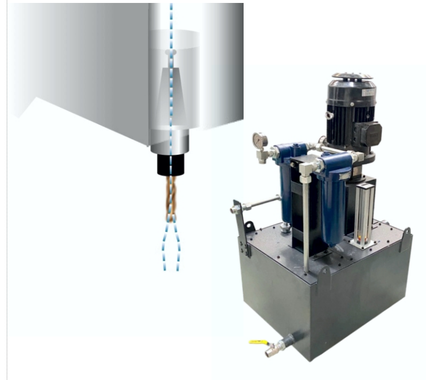
Tool Setter Benefits

- *Enables simple, fast tool setting*
- *The tool setter finds the length and diameter, which the controller automatically updates*
- *The tool setter also detects a number of defects, including:*
  - *Wear*
  - *Broken Tools*
  - *Thermal Growth*

Part Setter Benefits

- *Enables simple, automated part set up and Inspection.*
- *When a part is out of alignment, probing the work piece helps to find the error*
- *After machining is complete, the inspection can be carried out on machine itself and data can be stored.*

COOLANT THROUGH SPINDLE



20 Bar high-pressure coolant through the spindle and the tool helps boost productivity and maximize tool life by improving chip evacuation and improving lubricity when drilling deep hole and difficult-to-access areas.

CVM comes with additional 100-litre separate CTS tank and dual stainless steel mesh filter for best results. Standard discharge pressure is 20bar also available as 70 bar.

Suitable for Water-soluble coolant.

Also available air through spindle as option.

Machine User Interface

Boost Your Profitability by Achieving the Maximum with Ease

ZENEZ *Control*

It focuses on customised dashboards and tools that help the operator to simplify his daily activity. The overall feature and package can reduce the time lost due to the complexity of the controller GUI; as a result, Zenez can significantly increase the machine output and profitability.

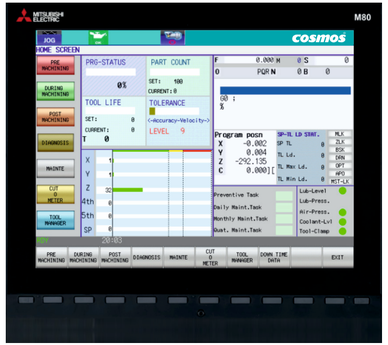
- *10.4-inch display or large 15-inch display*
- *Multi-touch User Interface*
- *Fully functional vertical and horizontal soft-keys for non-touch usage*
- *Crystal type*
- *Enhanced hardware to ensure reliability*

THE HOME SCREEN

Status View
Program Status
Show tool life status
Active Machining Condition
Part Count vs Total
Required

ZENEZ Menu
Pre-Machining APP
During Machining APP
Post Machining APP
Diagnosis APP
Maintenance APP
Tool Manager APP

Axis Load Meter



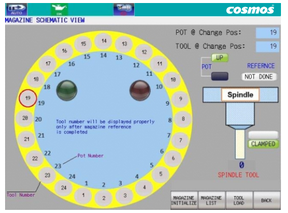
CNC View
Axis Feed Rate
Spindle rpm
Program Name
Sequence Number (N)
Block Number (B)
Program Buffer
Program Position
Spindle Load Stat

Maintenance Alert
An alert shows up if maintenance tasks are pending or one of the following is not normal:
Lubrication Level
Air Pressure
Coolant Level
Tool Clamp

Scroll
Scroll in lists - Tool & Work offset list, Program, Gcode List Parameter.

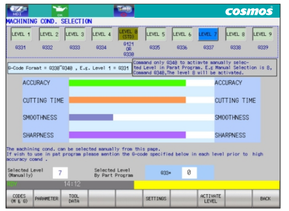
Tap
Tap to move the cursor or navigate through the menus.

Pinch
Zoom in and out of graphic content during simulation mode.



QUICK SETUP
Magazine View

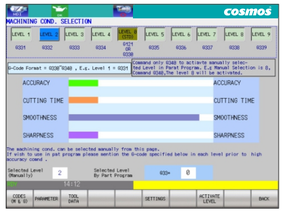
Users can assign large tools, fixed tools, locked tools, and maximum and minimum loads with tool type. Load Teaching is a value-added feature.



ADVANCE CONTROL
Machining Condition Selection

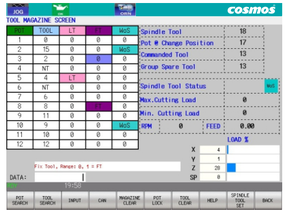
Machining Condition Selection – Settings Level 1-9 offers the user control over the servo tuning. I-9 represents tuning presets calibrated by the Cosmos and Mitsubishi Japan tech team to offer users the servo tuning control in a more understandable manner to maximise their profits by gaining customised control over roughing, semi-roughing, and finishing parameters.

** Can be activated by G-Code G331-339 – or Manually. This option can be password protected for restricted access.*



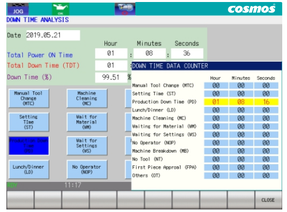
QUICK SETUP
Tool Manager

User Can assign Large Tools, Fixed Tools, Locked Tools, Maximum and Minimum Load with Tool Type. Load Teaching is a value added feature.
**LT – Large Tool | FT – Fixed Tool | WoS – Tool without Spindle Rotation*

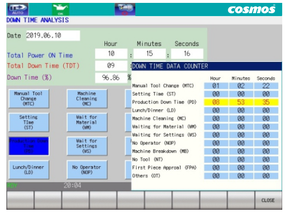


ADVANCE CONTROL
Downtime Analysis

Downtime (DTE) Entry Popup
Whenever machine stops , the DTE pops up for classification for interruption in machining



Downtime Analysis Report
Complete report on why machine was idle.
Now you know where the issue is.



Productivity Softwares

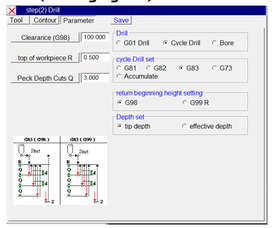
ZENCAM

Cam Solution *Easy I Smart I Economic I Versatile*

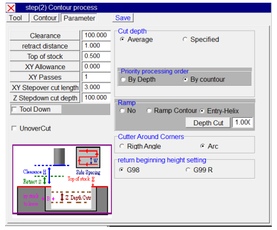
Key Features:

- *2.5D machining*
- *Toolpath for engraving*
- *Pocket Milling*
- *Contour Milling*
- *Facing*
- *All drilling, boring, and tapping cycles*
- *Treadmill cycle*
- *Spiral machining*
- *Rest machining*
- *Tool library creator*
- *4th Axis program (Only Positioning)*

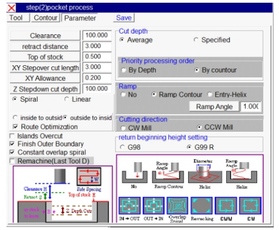
Drill (Drilling Cycles)



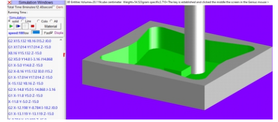
Contour



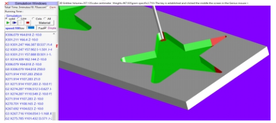
Pocket



Pocket Machining



Pre-Machining

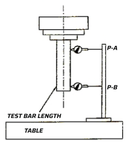


Quality & Accuracy

Laser & Ball-bar Calibration as per
VDI-3441 Standard
Geometrical Test as per
ISO 10791 Standard

Our key highlights

- *For Laser calibration we do 5 PASS TEST in all axes*
- *Our positional accuracies are achieve within 10 µm*
- *For Ballbar tests our Volumetric circularity is achieved within 8 µm*

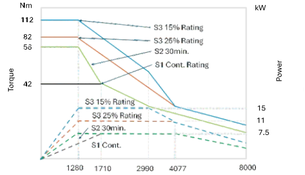


SPINDLE RUNOUT @ 300MM is < 8 µm
ISO 10791
Runout of The Spindle Taper Hold

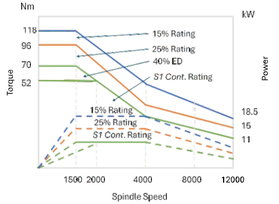
Torque Power Diagram

Mitsubishi Controller

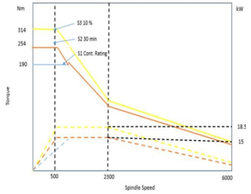
CVM 700 (BBT40)
Power 7.5/11/15 kw | Torque 112 Nm
Belt 8000 rpm (STD)



CVM 800 | 1050 | 1160 | 1365 | 1370 | 1570 (BBT40)
Power 11/15/18.5 kw | Torque 118 Nm
Belt 8000 rpm (STD) | 10000 rpm (OPT)
DDS (OPT) - 10000 rpm | 12000 rpm

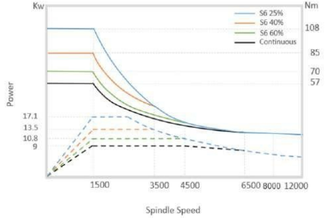


CVM 1680 (BT50)
Power 15/18.5 kW | Torque 314 Nm
Belt - 6000 rpm (STD)



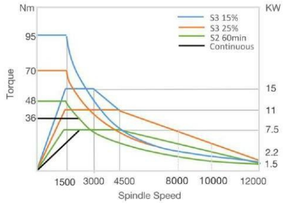
Siemens Controller

CVM 700 | 800 | 1050 | 1160 | 1365 (BBT40)
Power 9/17 kw | Torque 108 Nm
Belt 8000 rpm (STD) | 10000 rpm (OPT)
DDS (OPT) - 10000 rpm | 12000 rpm

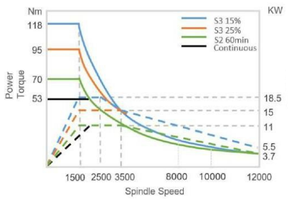


Fanuc Controller

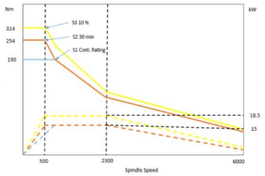
CVM 700 | 800 | 1050 | 1160 | 1365 (BBT40)
Power 7.5/11/15 kw | Torque 95 Nm
Belt 8000 rpm (STD) | 10000 rpm (OPT)
DDS (OPT) - 10000 rpm | 12000 rpm



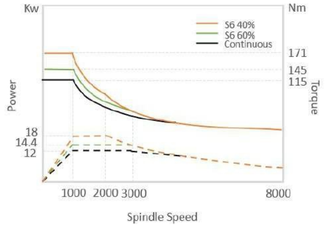
CVM 1370 | 1570 (BBT40)
Power 11/15/18.5 kw | Torque 118 Nm
Belt 8000 rpm (STD) | 10000 rpm (OPT)
DDS (OPT) - 10000 rpm | 12000 rpm



CVM 1680 (BT50)
Power 15/18.5 kW | Torque 314 Nm
Belt - 6000 rpm (STD)



CVM 1370 | 1570 (BBT40)
Power 12/18 kw | Torque 171 Nm
Belt 8000 rpm (STD)



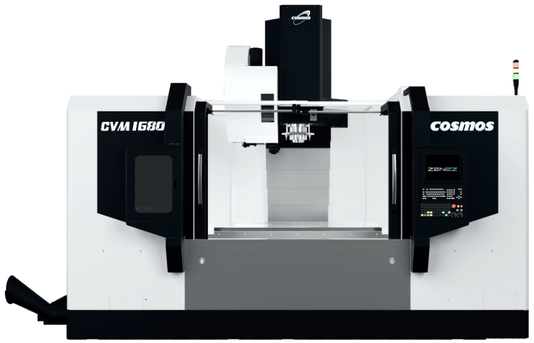
CVM - 1680

Engineered for Heavy-Duty Excellence

Rugged Heavy-Duty Spindle for Heavy Cutting

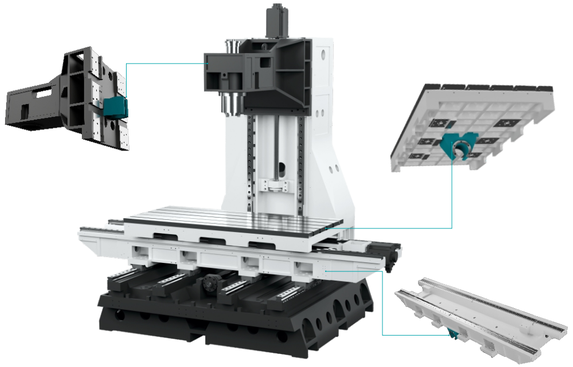
4 LM Guideways to support the massive saddle with 1600mm travel

Heavy-duty Z-axis motor for high dynamic performance



Machine Structure

Unity Structure and Robust Casting



Heavy Duty Cutting

For Large Workpieces (#BT50)

CVM BT50 is recommended for powerful cutting based on the stable structure. The heavy structure in these machining centres can cut down your machining process and make your work more precise and productive.

Additional Feature on BT50 Series
▸ *Roller LM Guide ways on All Axis*
▸ *Higher Spindle Torque Updates*
▸ *Hydraulic Counterbalance*
▸ *Ring Coolant Around Spindle*
▸ *Optionally, BBT50 Direct Drive Spindle also available*

CVM 700G

Graphite Wet Cutting / Dry Cutting

The CVM 700G uses special graphite-graded linear motion guideways with ultra dust protection seals to provide protection against the graphite dust. All axes and utilise special telescopic covers to minimise the graphite entering into the casting.

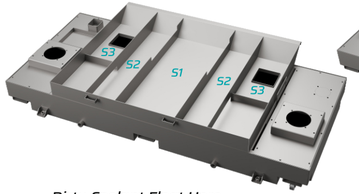
Coolant ring

Graphite wet cutting employs a coolant curtain around the spindle to control the graphite dust from spreading.

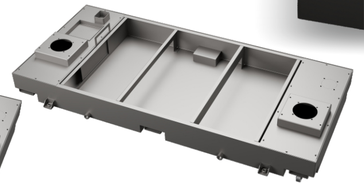
Coolant Tank Design

Top Side Multisegmented graphite settling tank. Here coolant falls into this system in Segment S1 and flows all the way to S3, from where it goes into the main tank.

Complete Coolant Tank



Dirty Coolant Float Here



Main Coolant Tank

Special Feature on CVM 700G
▸ *Direct Drive Spindle with 12,000 rpm*
▸ *Ball type LM guide ways on X, Y & Z axes with dust protection*

CVM Model Range

Specifications	Unit	CVM-700/G	CVM-800	CVM-1050	CVM-1160		CVM-1365		CVM-1370		CVM-1570		CVM-1680	
X - Axis Travel	mm	700	800	1050	1100		1300		1370		1500		1600	
Y - Axis Travel	mm	450	500	520	650		650		700		700		800	
Z - Axis Travel	mm	500	500	520	600		600		700		700		800	
Spindle Nose to Table Surface	mm	100-600	100-600	125-645	150-750	100-700	150-850	100-740	150-850	100-800	150-850	100-800	150-950	100-900
Spindle Center to Sliding Cover Face	mm	500	520	520	652		652		716		706		830	
Table Size	mm	800X450	1000X500	1150X500	1250X600		1450X650		1450X650		1650X650		1750X800	
Maximum Table Load	mm	400	600	800	1000		1000		1500		1500		2000	
Table T-slot	mm	4X18X100	18X5X100	18X5X100	18X5X100		18X5X125		18X5X25		18X5X125		18X5X150	
Spindle Speed	rpm	8000	8000	8000	8000		8000		8000		8000		8000	6000
Mitsubishi Motor Power (OPT)	Kw	7.5/11/15	11/15/18.5	11/15/18.5	11/15/18.5		11/15/18.5		11/15/18.5		11/15/18.5		15/18.5	
Fanuc Motor Power (OPT)	Kw	7.5/11/15	7.5/11/15	7.5/11/15	7.5/11/15		7.5/11/15		11/15/18.5		11/15/18.5		15/18.5	
Siemens Motor Power (OPT)	Kw	9/17	9/17	9/17	9/17		9/17		12/18		12/18		-	
Spindle Taper	-	BBT 40	BBT 40	BBT 40	BBT 40/50		BBT 40/50		BBT 40/50		BBT 40/50		BBT 40/BT 50	
Rapid Traverse Rate (OPT)	m/min	36	36(48)	36	30(36)		30		24		24		24/24/20	
Cutting Feed Rate	m/min	10	10	10	10		10		10		10		10	
Tool Nos. Capacity (OPT)	nos	24	30	30	30	24	30	24	30	24	30	24	30	24
Max. Tool Length	mm	250	250	250	250	350	250	350	250	350	250	350	250	350
Max. Tool Weight	Kg	8	8	8	8	18	8	18	8	18	8	18	8	18
Tool Dia. (with adjacent tool)	mm	80	80	80	80	110	80	110	80	110	80	110	80	110
Tool Dia. (without adjacent tool)	mm	150	150	150	150	220	150	220	150	220	150	220	150	220
Tool Changing Time (tool to tool) (OPT)	sec	2	2	2	2	4.5	2	4.5	2	4.5	2	4.5	2	4.5
Positioning Accuracy	mm	0.01	0.01	0.01	0.01		0.01		0.01		0.01		0.015	
Positioning Repeatability	mm	±0.003	±0.003	±0.003	±0.003		±0.003		±0.003		±0.003		±0.004	
Machine Weight	kg	~4300	~4500	~5000	~6600		~7000		~8300		~9000		~12300	
Power Requirement	Kva	20	30	30	30		30		35		35		40	

Standard / Optional Features

Standard Features (CVM 700-1680)

- 10.4" Display
- Mitsubishi M80, Fanuc OiMF Plus, Siemens 828D Controller (any one)
- Ethernet for program transfer
- 24 Tool Arm Type Tool Changer (CVM 700)
- 30 Tool Arm Type Tool Changer (CVM 800 to CVM 1680)
- Belt drive spindle
- C3 Class Ball screws in all axes
- Z-axis servo brake
- LM Guideways on all axes
- Full splash guard
- Rigid tapping
- Portable MPG
- AC Servo Motors on all Axes
- Heat Exchanger for Electrical panel
- Air and Coolant gun
- Automatic lubrication system
- Coolant system
- Oil coolant separator
- Chip Tray
- Adjustable Coolant Nozzle x 3 and Air Nozzle x I
- Operation lamp
- Dual White LED Lamp inside the machine
- Levelling pad
- Maintenance kit
- Tower Lamp 3 Tier
- Operation and maintenance manual

Optional Features (CVM 700 - 1680)

- 15" Touch Screen Display
- Scraper Conveyor with Drum filter
- Slat type Conveyor
- Spindle Oil Cooler
- 20 Bar Coolant through Spindle (CTS) with 100 Litre Separate Tank
- Chip Flushing
- Air Conditioning for Electrical Panel
- 10000 rpm Belt Spindle (BBT40)
- 10000 rpm Direct Drive Spindle (BBT40)
- 12000 rpm Direct Drive Spindle (BBT40)
- 15000 rpm Direct Drive Spindle (BBT40)
- 18000 rpm inbuilt spindle (HSK A63) (CVM 700 to CVM 1570)
- 20000 rpm inbuilt spindle (HSK A63) (CVM 700 to CVM 1570)
- 8000 rpm Direct Drive Spindle (BBT 50)
- 4th Axis Rotary Table (4+1 Also Available)
- 4th Axis Enable (4+1 Also Available)
- 4th Axis Interface (4+1 Also Available)
- Roller LM Guideways
- Linear Scale on all axes
- Renishaw Primo (3DTS kit)
- Renishaw LTS

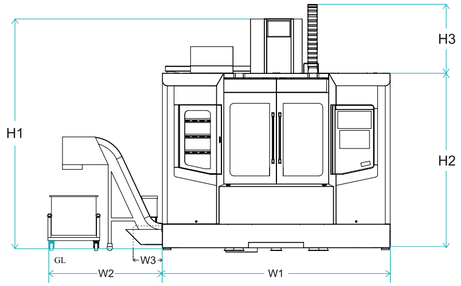
Note: Specifications and features are subjected to change without prior notice. Please refer the offer document, offer document as precedence.

Contact sales team for more accessories and tooled-up proposal

Layout & Dimension

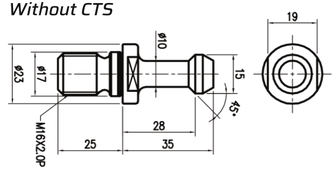
Machine Layout

	W1	W2	W3	H1	H2	H3	Depth
CVM-700	2150	1410	420	2600	2050	800	2050
CVM-800	2450	1410	420	2650	2100	700	2200
CVM-1050	2770	1410	420	2780	2155	750	2200
CVM-1160	2900	1410	420	3000	2300	750	2250
CVM-1365	3450	1410	420	3100	2325	750	2350
CVM-1370	3500	1410	420	3100	2400	800	2930
CVM-1570	3900	1410	420	3170	2200	800	2300
CVM-1680	4350	1410	420	3365	2430	800	4672

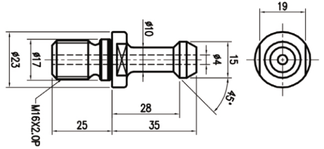


Pull Stud Drawing

Without CTS



With CTS



CVM Next-Gen

A radiant new hue with enhanced performance, features and user experience launching soon for a global market.

Coming Soon...

digiFAC | dF+ *All-in-One Digital Data Monitoring Solution for Manufacturing Industries*

Industrial Problems in Manufacturing

- *Inaccurate Manual Data*
- *Boxes of Paper Reports Daily*
- *No Real-Time Data Monitoring*

A DIGITAL FACTORY SOLUTION

- *Tool Cutting Time Information*
- *Key Report on Utilisation & Downtime*
- *Real Time Data Acquisition*
- *Machine Monitoring (Part Count Query)*
- *Connects all Types of Controllers*
- *Single Dashboard Controls Multiple Branches*
- *Improves OEE*
- *Link Production / Maintenance / Development & Marketing*
- *CNC Program Upload / Download*
- *Work - Order Tracking (Optional)*
- *Minimal Human Intervention*
- *Detailed Live Dashboard*
- *Web / Mobile Applications*
- *OEE Calculation*
- *Daily Production Data Report*
- *Maintenance Alarm Analysis*
- *Downtime Analysis & Classification*

BENEFITS

- *20% Increase in Productivity*
- *99% Data Accuracy*
- *3 Month Return on Investment*
- *25% More Efficient Programs*

What is digiFAC?

The digiFAC is an IIoT (industrial IoT) platform that can integrate various signals from all kinds of controller-based machines, including CNCs, Injection Moulding Machines, and Press Machines, and analyze them automatically to generate accurate real-time reports. With the least human intervention, it collects the information directly from the machines and helps you get the maximum benefit from your assets and enhance productivity.

Why is digiFAC?

• Industry-Leading: Production efficiencies and agility. • Highly expert team members. • Phenomenal solutions to take your company to the next level. • User-friendly Interface; use features as per dedicated roles/users. • Transparent, quick, and real-time data availability that can help you make fast decisions • To improve OEE. • Increase your productivity by 20%. • ROI within 3-4 months. • To maintain your OTD. • To reduce lead time, setting time, and deliver on time.

How can the digiFAC improve OEE?

Overall Equipment Effectiveness (OEE) is a measure of machine performance that provides visibility to options for progress. OEE is used by manufacturers to specify, monitor, and then reduce production failures. Knowing the OEE value is important for one particular reason: it allows you to find out about your losses and identify the bottlenecks in your value stream. If you know exactly where you are wasting time on your assets and why this is happening, you can take the necessary actions to improve your overall performance.

10~25%

- *Automate data collection and reporting.*
- *Imagine and display real-time OEE on the shop floor.*
- *Execute cross-functional everyday reviews and conversation sessions.*
- *Use Root-Cause Analysis.*

An OEE increase is achievable by digitizing production & planning, asset monitoring (cycle-times), reducing losses (program transfer, downtimes, breakdowns), etc.

YOUR PARTNER IN PROGRESS

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Plant - II

Plot No. 68-B, Sigil Compound, Padra Road, Atladara, Vadodara, Gujarat - 390 012

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