



HI-TECH CNC AUTOMATION

GST- 33AAHFH2964F1ZI

H.O:NO.39 B & 40,CHIDAMBARAM STREET,
NEAR SRP MILLS, SARAVANAMPATTI,
COIMBATORE-641 035.

FACTORY:7/65,BALAJI INDUSTRIAL ESTATE,
KEERANATHAM,COIMBATORE-641035.

M CONTACT : +91 97912 64848

+91 98654 66549

 hitechcncautomation@ gmail.com

www.hitechcncautomation.com





HI-TECH CNC AUTOMATION

ABOUT US



*We are an **ISO 9001:2015** certified firm, established in 2013 as a partnership in Coimbatore. As a micro enterprise classified under **MSME**, we specialize in the manufacturing of **CNC machined components** for a diverse range of industries. Our expertise predominantly serves the automobile sector, heavy vehicle industries, construction equipment vehicles, textile industries, and various ferrous and non-ferrous machining applications.*





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What we do

- We have in-house facilities for **CNC turning, milling, drilling, and tapping**, ensuring precision and quality in every component we produce. For specialized processes like **grinding, heat treatment, and coating**, we collaborate with trusted partners to meet all our customers' needs.
- We are equipped to handle both **material orders and job orders**, providing flexibility and convenience to our clients. Our team is capable of producing components based on detailed drawings, 3D models, and 2D profiles.
- As machining experts, we specialize in working with a variety of raw materials, including steel (both mild and stainless), castings, aluminum, bronze, and gun metals, delivering top-notch results across a wide range of industries.





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AUTOMATION**



ORGANISATION

<i>DESIGNATION</i>	<i>NAME</i>
<i>BUSINESS HEAD</i>	<i>K.SELVARAJ M.E.</i>
<i>MANAGING PARTNER</i>	<i>S.NITHISH B.E.</i>
<i>PLANT HEAD</i>	<i>M.DEEPAK B.E.</i>
<i>TECHNICAL HEAD</i>	<i>GANESAN.S D.M.E</i>
<i>TOTAL NO OF EMPLOYEES</i>	<i>45 NOS</i>

[illegible]



**HI-TECH CNC
AUTOMATION**



VERICAL MACHINING CENTER 3&4 AXIS



CVM Series

CVM700 CVM700/G CVM800 CVM1050 CVM1160
CVM1365 CVM1370 CVM1570 CVM1680

X-axis Travel: 700 mm

Y-axis Travel: 450 mm

Z-axis Travel: 500 mm

Table Size: 800x450 mm

Maximum Loading Capacity: 400 kg

Spindle Speed: 8,000 / 12,000 rpm

Mitsubishi Motor Power: 7.5/11/15 KW

Spindle Taper: BBT 40

Rapid Traverse Rate (OPT): 36 m/min

Cutting Feed Rate: 10 m/min

Tool Nos. Capacity (OPT): 24 nos



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CONVENTIONAL MACHINES

<i>Machine make</i>	<i>Esteem</i>	<i>Premier</i>	<i>Kirloskar</i>
TYPE	<i>DRO milling</i>	<i>Pillar drilling</i>	<i>Generator</i>
CAPACITY	<i>1"(254x1270)</i>	<i>1"</i>	<i>25 kw</i>

TOTAL NO OF MACHINES

<i>Description</i>	<i>Quantity (in nos)</i>
CNC TURNING CENTER	<i>10</i>
VMC 3&4AXIS	<i>1</i>
DRO MILLING	<i>1</i>
PILLAR TYPE DRILLING	<i>4</i>
GENERATOR	<i>1</i>
CRANE HOIST(2 TON)	<i>1</i>





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INSTRUMENTS WE HAVE

S.No	Name	Description	Quantity
1	Digital Height Gauge	0-200mm	1
2	Vernier Height Gauge	0-300mm	1
3	Digital Vernier Caliper	0 -200 mm	1
4	Vernier Caliper(Analog)	0-150 mm	3
5	Digital Micrometer	50-75mm	1
6	Digital Micrometer	25-50mm	1
7	Vernier Caliper	0-300 mm	1
8	Bore dial stem	35mm - 60mm	4
9	Bore dial stem	18mm- 35mm	3
10	Micrometer	50mm - 75mm	2
11	Micrometer	25mm - 50mm	2
12	Micrometer	0 - 25mm	2
13	Dial	.01 mm	6
14	Dial	MICRON	2



GRANITE SURFACE TABLE - 1200mm x 1200mm x150 mm - SPT make



HI-TECH CNC AUTOMATION



- *We continuously adapt to new technologies to meet the evolving demands of the current industrial landscape, ensuring that our products meet the highest standards of quality, strength, and tolerance.*
- *Our primary focus is on delivering **ZERO DEFECT** products at an affordable cost. Our commitment to quality is reflected in every aspect of our production process, backed by years of experience and strict adherence to total quality management.*
- *Our unique approach combines innovative cost-cutting measures, efficient use of materials, and skilled manpower with constant upgrades to our techniques. This dedication to excellence highlights the core competency of our organization, setting us apart in the industry.*





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OUR VALUABLE CUSTOMERS:

- Bull machines pvt ltd., Coimbatore.
- Sri harini rubber products, Coimbatore.
- Sabari impex, Coimbatore.
- Racer tooling industries, Coimbatore.
- Adwaith Lakshmi ,Coimbatore.

OUR PRODUCTS:

- Mild steel bushes, case hardened bushes.
- Piston rods, shafts, hardened pins.
- Tool & die making , plastic injection molding ,rubber molding dies.



for
OPPORTUNITY
to explain
who we are?

**Thank
You!**