

PRECISION. PERFORMANCE. RELIABILITY.

High Precision CNC
Manufacturing &
Machine Building



HIGH
PRECISION



QUALITY
ASSURED



ADVANCED
TECHNOLOGY



TRUSTED
PARTNER



ISO 9001:2015
CERTIFIED COMPANY

**ENGINEERED.
MACHINED.
DELIVERED.**



www.metroprecision.co.in



ABOUT US

We are an ISO 9001:2015 Certified High Precision CNC manufacturing company providing advanced manufacturing solutions to companies worldwide.

We started with contract manufacturing in both mass production and one-off prototyping works with quick turnaround.

We are now a preferred OEM Partner (Original Equipment Manufacturer) of a few reputed Branded machineries.

We build the entire machines.



OUR MISSION

To deliver precision engineering solutions with innovation, quality and commitment.



OUR VISION

To be a global leader in precision engineering and machine building.

OUR CORE CAPABILITIES



VMC Multi Axis
Milling



CNC Turning



Gear Shaper



Prototyping &
Mass Production



Assembly,
Integration &
Testing (AIT)



Mig Welding



We work as a One Stop Shop for all Design & Manufacturing solutions with a consortium of industries to deliver cost-effective, time-bound and quality-assured products.

SHEET METAL & PLASTICS

High Quality | High Precision



SHEET METAL CAPABILITIES

- CNC Laser Cutting
- CNC Laser Engraving
- MIG Welding
- CNC Press Brake



We build high precision machineries – not only CNC machined components and sheet metal works, but the entire machines as a complete project within the committed time scale.



SURFACE PROTECTIVE SOLUTIONS



Electro Plating



Anodising



Powder Coating



Painting



Design & Engineering



Manufacturing



Assembly & Integration



Testing & Validation



Delivery & Support

ONE STOP. ENDLESS POSSIBILITIES.






OUR CNC MACHINERY

Precision. Power. Performance.

State-of-the-art CNC machines delivering unmatched accuracy, efficiency and reliability for every component we build.






BFW BMV 45 TC 24 VERTICAL MACHINING CENTRE



	TABLE SIZE	: X-1000, Y-450
	TRAVEL	: X-800, Y-400, Z-450
	SPINDLE SPEED	: 8000 RPM
	TOTAL AXIS	: 4 AXIS
	CONTROL	: FANUC






BFW CHAKRA VERTICAL MACHINING CENTRE



	TABLE SIZE	: 1250 x 600
	TRAVEL	: X-1050, Y-600, Z-610
	SPINDLE SPEED	: 8000 RPM
	TOTAL AXIS	: 3 AXIS
	CONTROL	: MITSUBISHI

COSMOS CVM 1370 VERTICAL MACHINING CENTRE



	TABLE SIZE	: X-1450, Y-650
	TRAVEL	: X-1300, Y-700, Z-700
	SPINDLE SPEED	: 8000 RPM
	TOTAL AXIS	: 3 AXIS
	CONTROL	: MITSUBISHI



ADVANCED MACHINERY.
SUPERIOR RESULTS.



QUALITY ASSURED



HIGH PRECISION



ON-TIME DELIVERY






OUR CNC MACHINERY

Precision. Power. Performance.

Advanced CNC machines engineered to handle complex components with unmatched speed, accuracy and reliability.







JYOTI RDX 20 CNC VERTICAL MILLING CENTRE



	BED SIZE	: X-1000 , Y-530
	TRAVEL	: X-820, Y-500, Z-510
	SPINDLE SPEED	: 8000 RPM
	TOTAL AXIS	: 3 AXIS
	CONTROL	: FANUC







ACE MEGAJOBBER CNC TURNING CENTRE



	CHUCK	: 250 mm
	TRAVEL	: X-310 , Z-600
	SPINDLE SPEED	: 3000 RPM
	TOTAL AXIS	: 2 AXIS
	MAX JOB DIA	: 400 mm
	CONTROL	: FANUC

ACE JOBBER CNC TURNING CENTRE



	CHUCK	: 250 mm
	TRAVEL	: X-300 , Z-300
	SPINDLE SPEED	: 3000 RPM
	TOTAL AXIS	: 2 AXIS
	MAX JOB DIA	: 300 mm
	CONTROL	: FANUC

OUR CNC MACHINERY

Precision. Power. Performance.

Advanced CNC machines engineered to handle complex components with unmatched speed, accuracy and reliability.





LMW – L5 CNC TURNING CENTRE



	CHUCK	: 200mm
	TRAVEL	: X-250, Y-420
	SPINDLE SPEED	: 3000 RPM
	TOTAL AXIS	: 2 AXIS
	CONTROL	: FANUC

MASTER – GEAR SHAPER GEAR SHAPING MACHINE



	MODULE	: 0.5 TO 1.5
	MAX JOB DIA	: 120mm
	STROKE LENGTH	: 75mm to 85mm
	CONTROL	: MANUAL



HIGH PRECISION
Every Component



ADVANCED TECHNOLOGY
Latest Machines



RELIABLE PERFORMANCE
Consistent & Accurate



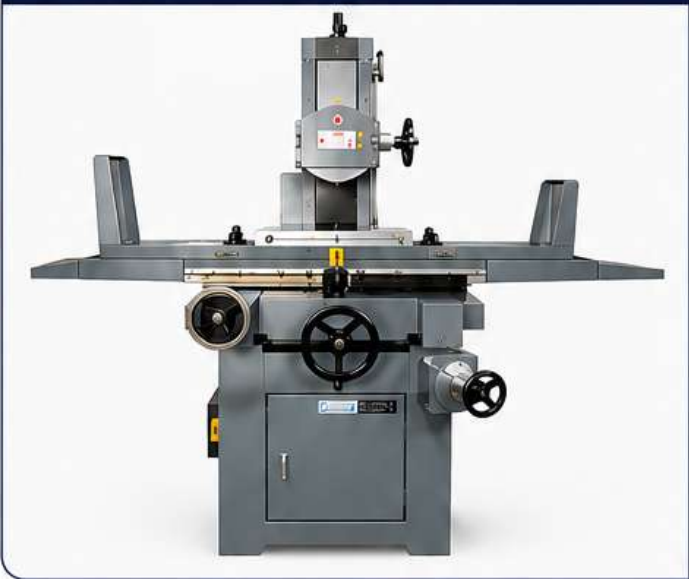
ON-TIME DELIVERY
Every Commitment

OUR CNC MACHINERY

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Advanced CNC machines engineered to handle complex components with unmatched speed, accuracy and reliability.






SURFACE GRINDING MACHINE PRECISION SURFACE GRINDING MACHINE



-  TRAVEL : 225 X 450 MM
-  SPINDLE SPEED : 2800 RPM
-  CHUK : 200 X 450 MM
-  CONTROL : MANUAL

LASER ENGRAVING MACHINE PRECISION LASER ENGRAVING SYSTEM



-  LASER POWER : 20W
-  LASER FREQUENCY : 1064
-  WORKING SPEED : 0 - 7000 MM/SEC
-  CONTROLLER : JCZ
-  CONTROL : EZ CARD

BUILT FOR PRECISION. DESIGNED FOR PERFORMANCE. —>

-  **HIGH PRECISION**
Delivers superior accuracy and consistent results.
-  **RIGID & STABLE STRUCTURE**
Heavy-duty construction ensures long-term reliability.
-  **ADVANCED TECHNOLOGY**
Equipped with latest CNC technology for maximum efficiency.

-  **CONSISTENT PERFORMANCE**
Built to maintain tight tolerances even in continuous operations.
-  **EASY OPERATION & MAINTENANCE**
User-friendly controls and accessible design for quick setup and maintenance.
-  **IDEAL FOR MULTIPLE INDUSTRIES**
Perfect for aerospace, automotive, dies & moulds, and general engineering.

PRECISION COMPONENTS. BUILT WITH PURPOSE.

01

CURVED GEAR
SEGMENT



02

FLEXIBLE SHAFT
COUPLING



03

SPUR GEAR



04

PRECISION GEAR
WHEEL



05

IDLER GEAR
ASSEMBLY



06

KNURLED
THREADED NUT



07

THREADED STUD
(FULLY THREADED ROD)





**METRO PRECISION
AEROSPACE**

PIONEERING THE ART OF PRECISION



PRECISION COMPONENTS. BUILT WITH PURPOSE.

08

**THREADED STUD
(DOUBLE-ENDED)**



09

**PRECISION THREADED
FLANGE COMPONENT**



10

**PRECISION SHAFT
ASSEMBLY**



11

**MULTI-PORT
CONNECTOR BODY**



12

**PRECISION FLANGE
COMPONENT**



13

**PRECISION FLANGE
HUB COMPONENT**



14

**PRECISION PUMP /
VALVE PLATE COMPONENT**



15

**PRECISION SPACER /
WASHER DISC COMPONENT**





**METRO PRECISION
AEROSPACE**

PIONEERING THE ART OF PRECISION

PRECISION COMPONENT



PRECISION COMPONENTS. BUILT WITH PURPOSE.

16

PRECISION
EQUIPMENT ENCLOSURE



17

MODULAR
ENCLOSURE SYSTEM



18

ENCLOSURE BRACKET
COMPONENT



19

ENCLOSURE TRAY /
JUNCTION BOX



20

ENCLOSURE MOUNTING
PLATE



21

CABLE CLAMP / WIRE
MANAGEMENT BRACKET



HIGH PRECISION
Every Component



ADVANCED TECHNOLOGY
Latest Machines



RELIABLE PERFORMANCE
Consistent & Accurate



ON-TIME DELIVERY
Every Commitment

PRECISION COMPONENTS. BUILT WITH PURPOSE.

22 BALL STUD



23 BRASS FLANGE COMPONENT



24 DOME HEAD COMPONENT



25 BRASS CYLINDRICAL ASSEMBLY



26 POLYCARBONATE PROTECTIVE SHIELD



27 ANODIZED MOUNTING BRACKET





PIONEERING THE ART OF PRECISION

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ENGINEERED



QUALITY
ASSURED



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DELIVERED
WORLDWIDE



**PRECISION TODAY.
PERFORMANCE TOMORROW.**