



CUSTOM-BUILT, HIGH-PRECISION MACHINED PARTS

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ABOUT MMC

At **Micro Machine Center (MMC)**, we specialise in precision engineering solutions for manufacturers who demand quality, reliability, and exceptional accuracy.

From concept through production, our experienced team combines advanced CNC technology, skilled craftsmanship, and strict quality assurance to deliver components that perform.

Industries We Serve:

- Automotive
- Aerospace
- Medical
- Food Processing
- Industrial Automation
- Packaging
- Electronics
- Defence

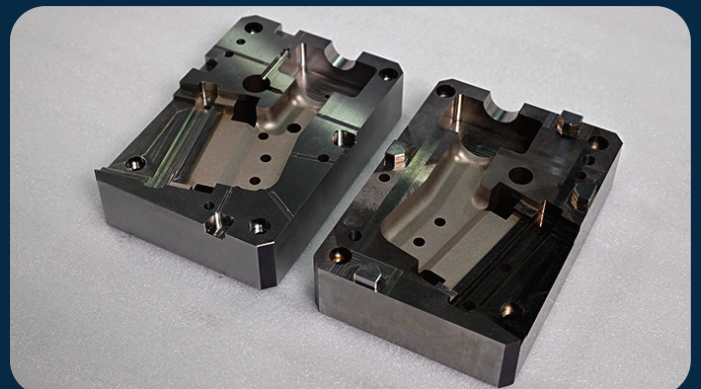
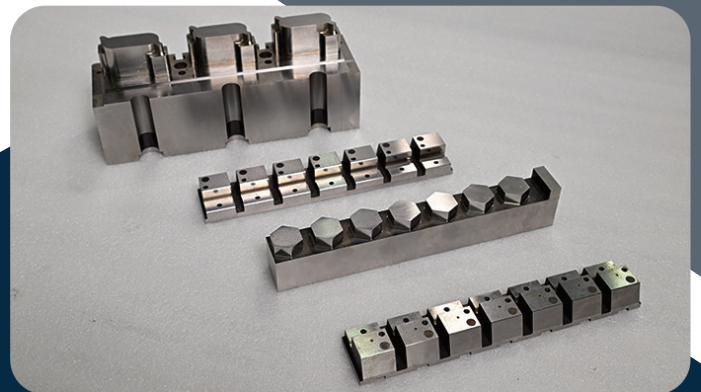
WHY CHOOSE US?

We combine advanced manufacturing technology with skilled craftsmanship to deliver precision-engineered solutions that meet the highest industry standards. We are committed to quality, reliability, and on-time delivery, supporting customers from initial design through to final production.

What sets us apart:

- ✓ High Precision Manufacturing
- ✓ Experienced Engineering Team
- ✓ Modern CNC Machinery
- ✓ Strict Quality Control
- ✓ Competitive Pricing
- ✓ Fast Turnaround Times
- ✓ Custom Solutions
- ✓ Reliable Customer Support
- ✓ On-Time Delivery
- ✓ End-to-End Management

“Be it a single prototype, custom tooling, or large-scale production, or any innovative requirement, we are your trusted partner for precision engineering solutions.”



SERVICE CATALOGUE

HIGH-PRECISION CNC MANUFACTURING

We provide high-precision machining services with exceptional accuracy, consistency, and reliability. We manufacture components to tight tolerances and high-volume.

PLASTIC MOULD MAKING

We design and manufacture high-quality plastic injection moulds engineered for long service life, precision, and efficient production. From concept development through to mould testing and final production, we deliver tailored solutions.

PRESS TOOL MANUFACTURING

We specialise in designing and manufacturing precision press tools that deliver consistent, repeatable performance in high-volume production environments. We develop durable tooling solutions that maximise productivity.

AUTOMATION PARTS MANUFACTURING

We manufacture precision components for industrial automation systems, robotics, special-purpose machines, and custom production equipment. Every component is produced to exact specifications to ensure reliable performance, seamless integration, and long operational life.

CORE MACHINES

MACHINE	BRAND	MODEL	QTY	PRECISION	ORIGIN	XYZ TRAVEL (mm)	SPINDLE SPEED
WIRE EDM							
Wire EDM	MITSUBISHI	MV1200 R	2	0.002 mm	JAPAN	400 × 300 × 220	—
Wire EDM	MITSUBISHI	MV1200 S	1	0.002 mm	JAPAN	400 × 300 × 220	—
SINK EDM							
Sink EDM	MITSUBISHI	EA8S	2	0.002 mm	JAPAN	350 × 250 × 250	—
Sink EDM	MITSUBISHI	SV12P	1	0.002 mm	JAPAN	400 × 300 × 300	—
VMC (VERTICAL MACHINING CENTRE)							
VMC	HAAS	MINI MILL	2	0.005 mm	USA	400 × 300 × 350	RPM 10,000
VMC	SIEMENS	SINUMERIK 828D	1	0.010 mm	TAIWAN	400 × 300 × 350	RPM 5,000
VMC	YCM	i5	1	0.003 mm	TAIWAN	1000 × 450 × 500	RPM 12,000
VMC	DOOSAN	NX 5000 D	1	0.003 mm	KOREA	900 × 500 × 500	RPM 20,000
SURFACE & CYLINDRICAL GRINDING							
Surface Grinding	JONES & SHIPMAN	1400L	2	0.002 mm	ENGLAND	500 × 200 × 500	—
Surface Grinding	OKAMOTO	12.24 DX	1	0.002 mm	JAPAN	400 × 180 × 350	—
Surface Grinding	OKAMOTO	ACC 450 DXA	1	0.002 mm	JAPAN	500 × 200 × 500	—
Surface Grinding	BROWN & SHARPE	—	1	0.005 mm	—	400 × 180 × 350	—
INSPECTION EQUIPMENT							
Height Master	TRIMOS	V4	1	0.002 mm	—	Z: 700 mm	—
Profile Projector	CANOPLUS	Vision Measuring w/ Software	1	0.002 mm	—	150 × 150 × 200	—
VMM (Video Measuring)	ATQ	STD 3020	1	0.002 mm	—	300 × 200 × 200	—

MACHINE	MODEL	QTY	ACCURACY	X (mm)	Y (mm)	Z (mm)
CNC MILL						
HAAS	VM-2 WITH RENISHAW PROBING SYSTEM	1	2 MICRON	762	508	508
HAAS	VF-4 WITH NGC + HSM OPTION	1	5 MICRON	1270	500	635
LEADWELL	V:60 — FANUC 21-M	1	10 MICRON	1500	650	750
LEADWELL	V:40 — FANUC Oi-MC	1	5 MICRON	1050	510	500
LEADWELL	V:40 — FANUC 21-M	1	5 MICRON	1050	510	500
LEADWELL	V:40 — FANUC 21-M	1	5 MICRON	1050	510	500
BFW	FANUC Oi Mate MC	1	10 MICRON	800	300	400
BFW Agni	FANUC Oi MF Plus	1	7 MICRON	600	400	400
WIRE CUT & SINK EDM						
AGIE CHARMILLES	CUT 30 P	1	2 MICRON	600	400	350
FOXTEX SUPER DRILL	EDM DRILL	1	—	400	250	250
SURFACE & CYLINDRICAL GRINDING						
JAKOBSEN	SJ1424 NC CONTROLL	1	2 MICRON	800	400	400
JUNG JUTEC	JUTEC 1050 NC CONTROLL	1	2 MICRON	1000	500	500
ALPA	RT 1600 LARGE FORMAT SG	1	5 MICRON	1600	500	500
JOTES POLAND	SPD 30C	1	5 MICRON	1000	300	500
SKF SWEDEN	CYLINDRICAL GRINDING	1	—	650	150	150
INSPECTION						
TRIMOS HEIGHT MASTER	V7 WIRELESS PROBE	1	—	700	—	—
ACCURATE CMM	SPECTRA — RENISHAW PROBE	1	—	800	600	500

INSPECTION & MEASURING INSTRUMENTS

Video Measuring Machine – ATQ | Coordinate Measuring Machine – Renishaw
Height Gauge – Trimos | Profile Projector – Canopus



Tolerance: : ±0.001mm

