

QUALITY MANUFACTURING SERVICE

CNC MILLING 3, 4 & 5 Axis

YCM Fx350AH 5 Axis ITNC Heidenhain 530 Control using Erowa Compact work piece loading system
Capacity - 50 Pallets of 148mm Ø x 200mm high.

YCM Fx350AH 5 Axis ITNC	(Heidenhain 530)	x 6	Capacity 350mm Ø Trunnion
YCM Supermax MV168 A	(MXP200i Fanuc)		Capacity 1650 x 750 mm (with 4 th Axis)
YCM Supermax MV168 A	(MXP200i Fanuc)		Capacity 1650 x 750 mm
YCM Supermax FV125A	(MXP200i Fanuc)		Capacity 1250 x 510 mm (with 4 th Axis)
YCM Supermax FV125A	(MXP200i Fanuc)		Capacity 1250 x 510 mm
Daewoo Mynx 550	(Fanuc 21i)	x 2	Capacity 1250 x 520 mm
Bridgeport VMC1000/22	(Heidenhain 410)	x 2	Capacity 1025 x 510 mm
Bridgeport VMC1000/22	(Heidenhain 370)		Capacity 1025 x 510 mm
YCM NXV1020A	(Heidenhain 620)		Capacity 1020 x 510mm
Bridgeport VMC800/22	(Heidenhain 410)		Capacity 800 x 510 mm (with 4 th Axis)
Bridgeport VMC800/22	(Heidenhain 410)	x 4	Capacity 800 x 510 mm
YCM NSV66A	(Heidenhain 530)		Capacity 660 x 510 mm
YCM XV560AH	(Heidenhain 530)	x 5	Capacity 560 x 410 mm
Bridgeport VMC600/22	(Heidenhain 410)		Capacity 600 x 510 mm (with 4 th Axis)

CNC TURNING 2 axis to 9 axis

Daewoo Puma MX2000ST 9 Axis -Fanuc 18iTB Control System: Two full 'C' Axis 22kW spindles, 15kW (10,000rpm) Milling Spindle, Full 240 deg 'B' axis & Full Size Lower Turret with 7.5kW Driven tools, with a 1.5 metre LNS Servo 2 Bar System. Work Envelope = 550mm dia x 1020 mm, with 65mm Bar Capacity.

Daewoo Puma MX2000SY 6 Axis -Fanuc 18iTB Control System: 15kW Main Spindle + 7.5kW Sub Spindle, 5.5kW Driven Tools with Hydrafeed Multifeed Bar System. Work Envelope 330mm dia x 510mm, with 65mm Bar Capacity

Miyano BND-42S Fanuc CNC Control C Axis Driven Tooling & Sub Spindle Hydrafeed 3-80 Magazine Barfeed
42mm Main Spindle Capacity plus 34mm Sub Spindle.

Ecoca SJ-20MC Fanuc CNC Control C Axis Driven Tool Turret Hydrafeed 3-80 Magazine Barfeed

Goodway GCL-2B Fanuc CNC Control 200mm Ø Capacity, 51mm Bar Capacity. Hydrafeed 3-80 Magazine Barfeed

Goodway GS-260 Fanuc CNC Control 400mm Ø Capacity, 51mm Bar Capacity. C-Axis Driven tool Turret.

Goodway GS2000LYS Fanuc CNC Control 430mm Ø Capacity, 51mm Bar Capacity. Twin Spindle
C & Y axis Driven tool turret. Hydrafeed Barfeed

All CNC Machining fully supported by Mastercam X9, EdgeCam & Solidworks
(Computer Aided Engineering + Pro-E Capability).

WELDING AND SHEET METAL

Laser Cutting, Fabrication and Welding

Bystronic Bystar 3015 laser cutting machine
Amada press brake HFE 130-4
RQH Pressbrake
Promecam Pressbrake
Edwards pearson press brake PR4 100/3100
Edwards Guillotine
Edwards Guillotine
Hydranotch Femco Corner Notcher
Press & Shear Ltd 2 Meter Rollers
Press & Shear Ltd Strippit Super 30/30/30 Fabricator
Meritus Spot Welder Model 5002420
Ineco Basic Tube Bender Tube Scalloper
Migatronic Tig welding x 15 sets
Migatronic Mig Welding x 4 set
Transarc Welder Metal Arc 200 Amp

Capacity 3000mm x 2000mm with a 4 axis
Capacity 130 tonne x 4.0 metres down stroke
Capacity 30 tonne x 1.5 metres
Capacity 35 tonne x 2.4 metres
Capacity 100 tonne x 3.0 metres
Capacity Truecut 48" X 10g Mild Steel
Capacity 3 Metre x 6mm Mild Steel

CONVENTIONAL MACHINE SHOP WITH FULL ANCILLARY & SUPPORTING PLANT

MILLING

(4x) SMX2 3000 SLV Turret Milling Machine 3 Axis.
(3x) Bridgeport EZ TRAK DX Series 2

TURNING

Cyclematic	Toolroom Lathe	CTL618e
Swift	Toolroom Lathe	Model 618
Colchester	Centre Lathe	Master 2500
Harrison	Centre Lathe	M450
Dalian	Centre Lathe	6250/1500

GRINDING & HONING

Okamoto Grinder 105DX 1.05 x 0.5m Table
J & S Surface Grinder 1400 24" x 6" Table
J & S EIU 1074 Universal Grinder 10" swing x 18" long
GP Centreless Grinder
Delapena Auto Speedhone machine

INSPECTION

Fully Equipped Inspection Facilities and Quality Control
VDMIS based CNC Co-Ordinate Measuring Machine.
Faro Arm 1.2M Ø with Delcam software

ASSEMBLY

Fully Equipped Dedicated Assembly Areas
Electro-Mechanical

ANCILLARY & SUPPORT PLANT

Glass Bead & Grit Blasting
Electro Arc Spark Eroder
Line Grinding
Fully equipped material cutting and preparation.