

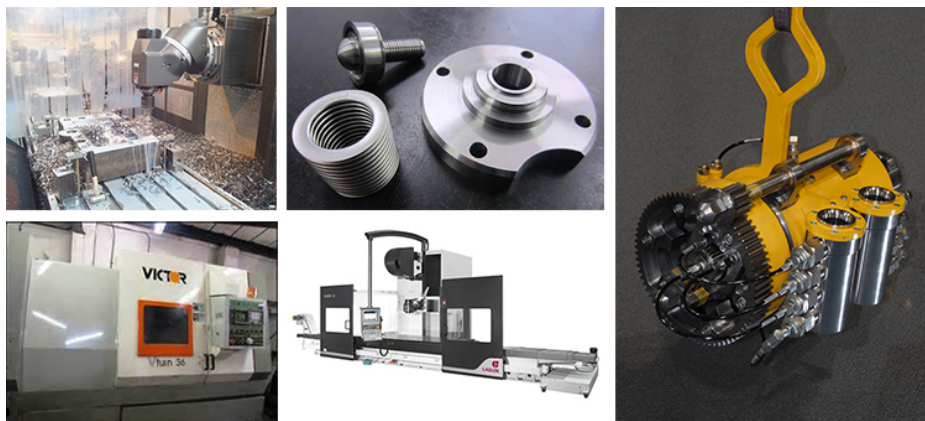
## CNC Milling

MACHINE TYPE	CONTROL	CAPACITY (MM)		
		X	Y	Z
OKK Vertical Machining Centre Nikken 4th Axis	FANUC OM	920	635	520
Lagun Goratu L 1400	FANUC <i>oi</i> -MD	1420	660	610
Lagun Goratu L 1000	FANUC <i>oi</i> -MD	1020	510	510
Lagun Goratu GVC 1000	HEIDENHAIN TNC 523	1000	500	621
Feeler VM 40SA 4th Axis	FANUC <i>oi</i> -MD	1000	500	480
Bridgeport VMC 1000 XP 4th Axis	FANUC 18i - M	1020	610	600
BOKO Universal F3 – Rotary Table and Right Angled Milling Head	HEIDENHAIN TNC155	1500	1300	1000
Goratu GMB 32E Bed Mill	HEIDENHAIN TNC 426M	3000	1200	1500
Goratu GBR 4 Bed Mill	HEIDENHAIN TNC 530	4000	1200	1500

## CNC Turning

MACHINE TYPE	CONTROL	CAPACITY (MM)			
		Turning Dia.	Length	Spindle Bore	Auto Bar Feed
VICTOR V TURN 36	FANUC OM	550	1200	N/A	N/A
VICTOR TNS - 2H	FANUC <i>oi</i> -MD	250	N/A	65	65
VICTOR - 26HD	FANUC <i>oi</i> -MD	26	N/A	26	0-26
CMZ TA-30-Y-1100 - MILL/TURN	HEIDENHAIN TNC 523	460	1100	77	N/A
VICTOR V 20 - MILL/TURN	HEIDENHAIN TNC 530	230	N/A	50	50

All CNC machining supported by in-house CAM programming using PowerShape, Feature CAM & CIMCO-Edit software.



## Manual Turning

MACHINE TYPE	FEATURES	CAPACITY (MM)	
Colchester Mascot V 2000	D.R.O Rapid Threading	Turning Dia. Length	460mm 2000mm
Harrison M 550	D.R.O Rapid Threading	Turning Dia. Length	550mm 3000mm
Harrison M 460	D.R.O Rapid Threading	Turning Dia. Length	460mm 2000mm
Harrison M 390	D.R.O Rapid Threading	Turning Dia. Length	400mm 1500mm
Harrison M 390	D.R.O Rapid Threading	Turning Dia. Length	400mm 1500mm
SPS-1250 Heavy Duty Lathe	D.R.O	Turning Dia. Length	1250mm 2000mm
Ryzan Lathe	D.R.O	Turning Dia. Length	800mm 2000mm
DSG Type 2112 X 140	D.R.O Rapid Threading	Turning Dia. Length	320mm 3600mm
Lang Facing & Boring	D.R.O	Turning Dia. Length	1200mm 500mm
Pollmach TUR 50	D.R.O	Turning Dia. Length	450mm 1500mm
Webster Bennet Vertical Borer	Elevating Rail D.R.O	Turning Dia. Length	2000mm 1100mm

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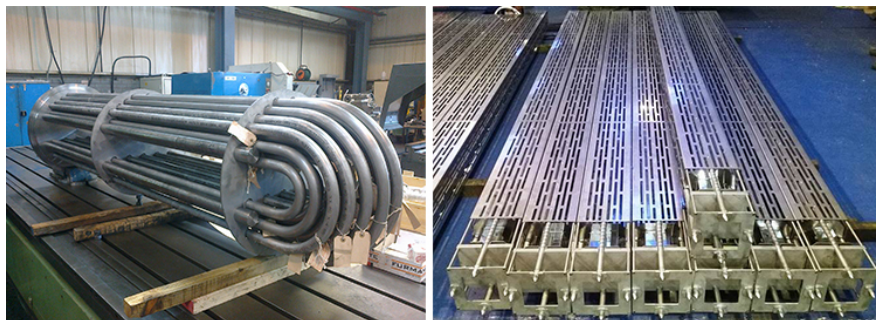
MACHINE TYPE	FEATURES	CAPACITY (MM)
Butler Elgamill	3 Axis D.R.O	5500mm x 2000mm
Huron MU6 Universal	3 Axis D.R.O	2000mm x 500mm
Boko Universal F3	3 Axis D.R.O	1500mm x 1300mm x 1000mm
Bridgeport Turret Mill	D.R.O	1700mm x 250mm
Bridgeport Turret Mill	D.R.O	1700mm x 250mm
KRV 2000 Turret Mill	D.R.O	1700mm x 250mm
Kearns Richard Horizontal Borer	3 Axis D.R.O	2100mm x 1200mm x 1500mm

## Miscellaneous

MACHINE TYPE	FEATURES	CAPACITY (MM)
Edm Sparcatron Sm35		1400mm x 1250mm x 1150mm
Jones Shipman Universal Grinder	DIA FORM	Grinding Dia: 360mm Length 1000mm
Jones Shipman 1400 Surface Grinder	DIA FORM	200mm x 200mm x 600mm
Lumsden Rotary Surface Grinder		900mm DIA MAG BASE
Kitchen Walker 48" Radial Drill		
Pollard 36" Radial Drill		
Omz 6 Spindle Turret Drill		
Prosaw Lx-330ae Cnc Horizontal Band Saw		330mm DIA
Starret Vertical Band Saw X 2		
Overhead Cranes		Up to 6.3 T Capacity

## Fabrication/Welding

EQUIPMENT TYPE	FEATURES	CAPACITY (MM)
2 X Lincoln Bester 450 GMAW/FCAW	Water Cooler	
Lincoln 500S GMAW/FCAW	Water Cooler	500A
Lincoln 505S GMAW/FCAW	Water Cooler	500A
Lincoln 415 GTAW/SMAW	Water Cooler	450A
Lincoln V270t GTAW/SMAW		
Lincoln V405 GTAW/SMAW		
Hypertherm Plasma Cutter		
ESAB Uxb 15 Profile Burner	Fast Cam Profiling Software	250mm Max Thickness
Plate Rollers		13mm thick x 1500m wide
Manipulators		



## Shop Inspection/Heat Treatment

EQUIPMENT TYPE	CAPACITY (MM)
KEMCO CMM	600mm x 600mm
QTC Portable Measuring Arm	2600 mm Volume
Various Measuring Equipment Including Shadow Graph/Hardness/Surface Testing	
Ultrasonic Inspection up to 3.8/3.9	To ASME, ISO and client specific
Radiography	To ASME, ISO and client specific
Magnetic Particle up to level II	To ASME, ISO and client specific
Dye Penetrant Inspection up to level II	To ASME, ISO and client specific
Visual Inspection up to level II	To ASME, ISO and client specific
Heat Treatment	Up to 1000°C

