

CNC Machining - Turning Machines

Name	Machine code	Details
CITIZEN A20	AB0461	small part machining 20mm max OD
CITIZEN A32-V11 SLIDING HEAD	V54067	small part machining 32mm max OD
DAEWOO LYNX 200B	0380	Medium part machining 50mm max OD
DAEWOO PUMA 400LM	35LM2144	Large machining 700mm dia x 2000mm long
GORATU GEMINI GHT 4-720 X 4000	1/14034	Large machining 400mm dia 4000mm long
HAAS ST25	ST25	Multi axis Medium part machining 76mm dia
HAAS TL15	65278; 64799	Medium machining 50mm dia
HAAS TL-2	3092188	Medium machining 70mm dia
MORI SEIKI NLX2500 MC/700	NL253KF0113	Multi axis Medium Machining 90mm dia
NAKAMURA 300	S301204	Medium / Large Machining capacity 300mm dia x 800 long

CNC Machining - Milling Machines

Name	Machine code	Details
HAAS TM1	28926	Medium part Machining X Axis 762mm Y Axis 406mm
HAAS VF9 VMC	34408	Large part Machining X Axis 2134mm Y Axis 914mm
HAAS EC1600	51615	Large part Machining X Axis 1626mm Y Axis 1270mm
HAAS TM3P	1095081	Medium part Machining X Axis 1016mm Y Axis 508mm
HAAS VF4	1095332	Medium part Machining X Axis 1270mm Y Axis 508mm
HAAS TM2P	1103828	Medium part Machining X Axis 1016mm Y Axis 406mm
HAAS VF-2SS VMC	1146502	Small part Machining X Axis 762mm Y Axis 406mm
HAAS VF-4SS	1164611	Medium part Machining X Axis 1270mm Y Axis 508mm
(657) HAAS VF11/40 Vertical Machining Centre	1173566	Large part Machining X Axis 3048mm Y Axis 1016mm



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Metal profiling and bending machines

Name	Machine code	Details
Laser ByStar Fiber 3015 15kW Laser Cutting System		Nominal sheet size 3000 x 1500 mm With the fiber laser, you cut metals such as: steel - 20mm thk aluminum - 12mm thk stainless steel - 12mm thk brass - 6mm thk copper - 6mm thk
Automated stock yard system		67 station that can store material packs with a 3 tonne pack size.
AMADA 7 AXIS PRESS BRAKE	HFE103	4m bed live tooling extensive tooling
Dynamic Water Jet Cutting	349492	We can profile materials from 1mm to 130mm thick Virtually any material can be cut No expensive tooling costs Computer 'nesting' of parts maximises material utilisation Straight edge cutting to 0.15mm CNC accuracy and repeatability Bed Travel 3000 x 1800
TRUMPF CNC PUNCH TC500R	41173	
AMADA HFE103 7 AXIS PRESS BRAKE	2001-V01752	
ERMAKSON HYDRAULIC PRESS BRAKE	AK8283.411	
Salvagnini P4 1812 HPT Automatic Panel Bender	50629	
Time saver		Deburring and edge softening on laser or waterjet cut sheets for safer product handling Finishing and graining with brushes for stainless, mild steel, and aluminium as required
Lumsden grinder		1m diameter plough grinder with magnetic bed for creating a consistent parallel finish on larger mild steel parts parts

Metal finishing painting areas

Name	Details
Shotblaster	Booth Dimensions: Length 10 M x Width 5 M height 4M
Wetspray booth large	Length 10 M x Width 5 M height 4M
Wetspray booth small	Booth Dimensions: Width - 4m Height - 5.9m
Powder plant	• 6m long x 2m x 2m
Pretratment plant	• 6m long x 2m x 2m

Welding & Fabrication, Mig Tig Machines

Name	Details
Fronius MagicWave 2200 Count	2
Fronius MagicWave 230i Count	2
Fronius MagicWave 3000 Count	2
Fronius MW 5000 Count	1
Fronius TPS 320i Count	1
Fronius TPS 4000 Count	3
Fronius TPS 5000 Count	1
Fronius TPS 500i Count	6
Fronius Transpuls Synergic 2700 Alu Edition Count	7
Fronius Transtig 1750 Puls Count	3
10 & 5 tonne overhead gantry cranes	2
Flat beds are 6x2.5 meters	2
Surface ground benches 2.4x1.2m	16
Specific Quality standards relating to welding	
CSWIP 3.0 Visual Welding Inspection	
MPI - Independent testing	
DPEN - Independent testing	
Load testing - independent Testing	
Welding specialist RWC - Responsible welding Coordinator	

Other bits of kit

Name	Machine code
AGIE CHARMILLES WIRE ERODER CUT20 EDM	016-001

Electrio mechanical assy

Name
Dedicated assembly and test areas 25,000 sq feet
Electrical panel build area

Inspection

Name
CMM
Shadow graph
Faro arm
ISO 9001:2015 quality system
EN ISO 15614-1 and EN ISO 15614-2
EN ISO 9606-1 and EN ISO 9606-2
Certified to EN-3834-2 quality requirements
CSWIP 3.0 Visual Welding Inspection
Approved welding procedures tested
MPI - Independent testing
DPEN - Independent testing
Load testing - independent Testing
Testing and product documentation, such as First Article
Inspection Report and Initial sample inspection report
material traceability
surface testing
soon to be added International welding specialist RWC – Responsible welding Coordinator

Delivery

Name
Delivery trucks
Fork trucks
Bespoke packaging creation