



MACHINERY & PLANT LIST

JANUARY 2025



CNC PUNCH & LASER CUTTING EQUIPMENT

Amada	EMZ3610	30 Tonne DualServo-electric punching machine with PDC2 automatic punch/die changer. ASIII MP 300 tower store + LKI PRIII part remover	2011
Amada	EMZ3510	30 Tonne Servo-electric punching machine. L250 M Auto Sheet Loader + LKI PRIII part remover	2006
Amada	EMZ3610 RB	30 Tonne Servo-electric punching machine with ATC. LKI LIII MP Auto Sheet Loader + LKI PRIII part remover.	2017
Amada	EMZ3612 MII	30 Tonne Dual Servo-electric punching machine with ASIII MP300 tower store	2024
Amada	Ensis 3015AJ	3kw fibre laser with OVS automatic compensation system fitted with Amada ASLUL material tower store	2018
Amada	Ventis 3015AJ	4kW Fibre Laser & AS LUL Twin Tower Automation with OVS, I-CAS, LBC beam Control & LIS	2024

METAL WORKING & SPOT-WELD EQUIPMENT

Meritus	59292 No 1	415V high speed Air operated resistance welder	1996
Meritus	59292 No 2	415V high speed Air operated resistance welder	1996
Portable Welders	PMGS 369 P80 65 No 1	Cantilever calliper spot welder	2008
Portable Welders	PMGS 369 P80 65 No 2	Cantilever calliper spot welder	2008
Sciaky	SNC.50	Spot Welder	2008
Meritus	Micro 8	RAS530A5 spot welder	2022

BEND & FORMING EQUIPMENT

Salvagnini	P4	P4 2.5m panel bender with ABS universal bending tools and sixth sense technology	2007
Salvagnini	P1	P1 1.5m P1/ABA 4530 electric Panel Bender	2019
Amada	ASTRO-II 100nt	ASTRO-II 100nt Bending Cell + AC300U Unloading Conveyor Robotic Bending Cell	2011
Amada	ITS 2 25.12	ITS 25 Tonne 1.2m 4 axis press brake	2000
Amada	HD 5020Nt No 1	HD 50 Tonne 2m Servo Driven Press brake with 8 axis and offline 3D programming	2013
Amada	HD 5020Nt No 2	HD 50 Tonne 2m Servo Driven Press brake with 8 axis and offline 3D programming	2013
Amada	HD100-3ATC No 1	HD 100 Tonne 3m Servo driven press brake with automatic Wila tooling, auto foot pedal and B.I and 3D offline programming - No 1	2014
Amada	HD100-3ATC No 2	HD 100 Tonne 3m Servo driven press brake with automatic Wila tooling, auto foot pedal and B.I and 3D offline programming - No 2	2015
Amada	HD100-3ATC No 3	HG 100 Tonne 3m Servo driven press brake with automatic Wila tooling, auto foot pedal and B.I and 3D offline programming - No 1	2024
Amada	HFE M2 1003	HFE 100 Tonne 3m 8 axis press brake	2016
Amada	HFE M2 8025	HFE 80 Tonne 2.5m 8 axis press brake	2016

METAL WORKING & WELDING EQUIPMENT

Tecarc	COMPACT MIG 263B No 1	3 phase Mig welder with duty range of 35-250amps	2007
Tecarc	COMPACT MIG 263B No 2	3 phase Mig welder with duty range of 35-250amps	2007
ESAB	LAG 400	MIG welder with MEK2 remote wire feed 400 amp capacity	2007
Migatronic	Pilot 1500 HP	240V 150amp Tig welder with MMA capability	2010
EWM	ActivArc T230 Tetrax AC/DC No 1	3phase 3-230amp AC/DC water-cooled lift/high frequency TIG and MMA welder	2015
EWM	ActivArc T230 Tetrax AC/DC No 2	3phase 3-230amp AC/DC water-cooled lift/high frequency TIG and MMA welder	2015
Migatronic	Omega 300 Compact No 1	3 phase. 4 roll drive. Inverter based 250 4mtr Mig-A-Twist torch	2017
Migatronic	Omega 300 Compact No 2	4 phase. 4 roll drive. Inverter based 250 4mtr Mig-A-Twist torch	2018
Migatronic	Omega 300 Compact No 3	4 phase. 4 roll drive. Inverter based 250 4mtr Mig-A-Twist torch	2019
EWM	Picotig 200 Pulse No 1	240v 200amp high frequency Tig	2019
EWM	Picotig 200 Pulse No 2	240v 200amp high frequency Tig	2019
EWM	Picotig 200 Pulse No 3	240v 200amp high frequency Tig	2024
Migatronic	Omega 300 Compact No 4	4 phase. 4 roll drive. Inverter based 250 4mtr Mig-A-Twist torch	2020
Migatronic	Omega 300 Compact No 5	4 phase. 4 roll drive. Inverter based 250 4mtr Mig-A-Twist torch	2020
Migatronic	Omega 300 Compact No 6	4 phase. 4 roll drive. Inverter based 250 4mtr Mig-A-Twist torch	2020
Migatronic	Omega 300 Compact No 7	4 phase. 4 roll drive. Inverter based 250 4mtr Mig-A-Twist torch	2020

METAL WORKING FABRICATION DRILL & DEBURRING EQUIPMENT

MEDDINGS	Compact	BENCH PILLAR DRILL	2001
RSA	RASAMAX	RASAMAX MONO EDGE DE-BURRING MACHINE	2005
RSA	TURNAMAT	TURNAMAT STRAIGHT & BENT TUBE DE-BURRING MACHINE	2006
Draper	GD25/12EF	16 speed bench drill (1100w) with a 25mm drilling capacity	2019
Timesavers	22 Series	22-900-W with LW22-4kw wet dust extraction	2024
Roscamat	Tiger Series	Tiger V Tapping Machine with variable depth control, M2-M27 capacity	2024

INSERTING EQUIPMENT

Haeger	HP6-D-4	415V Ress stud machine 0-3000Psi	1998
Haeger	Haeger 824 WT 4e No 1	Insertor with Auto bowl feeders and quick change tooling	2019
Haeger	Haeger 824 WT 4e No 2	Insertor with Auto bowl feeders and quick change tooling	2019
Haeger	Haeger 824 WT 4e No 3	Insertor with Auto bowl feeders and quick change tooling	2022

PLANT NO.1 PRE-TREATMENT & PAINTLINE

TD FINISHING		Automatic wash & 4 stage pre-treatment line control system monitors chemical consistency	2005
NORDSON		1 x colormax quick change powder coating booth automatic remote monitoring	2005
NORDSON		6 x electrostatic automatic paint guns controlled by powderpilot system	2005
TD FINISHING		High level curing oven with automatic part recognition on-line conveyor	2005
TD FINISHING		Low level drying oven with automatic control system monitors temperature	2005
NORDSON	MicroMax 1	1 x Small Powder coat booth with quick colour change	2008
STS		Co2 Automated fire detection system	2005

PLANT NO.2

PRE-TREATMENT & PAINTLINE

TD FINISHING	Automatic wash & 3 stage pre-treatment line with automatic chemical consistency	2010
NORDSON	Colour quick change powder coating booth with automatic remote monitoring	2010
NORDSON	6 x electrostatic paint guns controlled by I control system	2010
TD FINISHING	Drying oven with automatic control system monitoring temperature td finishing high temperature curing oven with part recognition on-line conveyer	2010
STS	Co2 Automated fire detection system	2010

COMPRESSED AIR MANAGEMENT

Comp-Air	L75 RS No 1	75HP Variable Screw Air Compressor	2016	2016
Comp-Air	L75 RS No 2	75HP Variable Screw Air Compressor	2016	2016
Comp-Air	L18-13A	18KW 13 Bar Compressor with A37XS Desiccant Air Dryer system	2018	2018
DE iTech	DEIT121	Refrigerator Dryer 12m3/min	2018	2018
Atlas Copco	GA75VSD+	Compressor Capacity 180l/s	2022	2022
Atlas Copco	FD220VSD	Dryer Capacity 220l/s	2022	2022
Atlas Copco	OSC625	Filter Separator Capacity 180l/s	2023	2023
Atlas Copco	GA45VSD+	Compressor Capacity 129l/s	2023	2023
Atlas Copco	FD180VSD	Dryer Capacity 180l/s No 2	2023	2023
Atlas Copco	OSC170	Filter Separator Capacity 180l/s	2023	2023

MATERIAL HANDLING EQUIPMENT

TCM	FG25T3 No 1	Gas Forklift Truck capacity 2500kgs	2011
TCM	FG25T3 No 2	Gas Forklift Truck capacity 2500kgs	2011
TCM	PSP125STFVP329 No 1	Electric Pedestrian Stacker Truck	2017
TCM	PSP125STFVP329 No 2	Electric Pedestrian Stacker Truck	2017
Vimar	FG25	Gas Forklift Truck capacity 2500kgs	2019

PACKING & RECYCLING EQUIPMENT

Orwak	8020 HDC	Automatic Card & Plastic compactor and bailer	2004
Strapack	JK-2 No 1	Automatic Strapper	2014
Strapack	JK-2 No 2	Automatic Strapper	2016
Strapack	JK-5000 No 1	Automatic Strapper	2014
Strapack	JK-5000 No 2	Automatic Strapper	2016

MANUFACTURING & OPERATIONAL SOFTWARE

Radan	CAD/CAM 2017	x4 seats of 3D Modelling, x5 seats of nesting and 2d Drawing Manager	2017
Radan	Logistics'/Order Manager	Ability to manipulate orders in a controller and traceable linked with our business system to maximise productivity through the business	2016
Amada	Astro Cam	Offline programming for robotic bending on our ASTRO-II 100nt Bending Cell	2011
123 Insight	MRP/ERP/CRM	x26 seats of effective product management software with CRM and SRM add on's.	2012
SolidWorks	Professional 2018/2019	x1 seat of SolidWorks, 3D mechanical CAD and Simulation software & CAM Standard	2018
123 Insight	123mobile	x5 seats of a web-based application that allows you to efficiently check stock, carry out a variety of stock transactions, booking goods in and out using a mobile device. It's an advanced tool for monitoring and controlling stores areas in real time without the restriction of a desktop terminal	2019
123 Insight	123Bi	123Bi is a business intelligence and analytics software tool accessible from your internet browser that will provide you with meaningful dashboards and dynamic graphical displays from our 123Insight data.	2020
Solweb	Super Route Management System	Online shopfloor works order mass sign off and stock allocating system, linked to the 123 Insight data-base to maximise admin' speed through both production facilities.	2020
Amada	V-factory	V-factory is designed to actively monitor the performance and operation of your machines by collecting data in real-time. V-factory works by highlighting production inefficiencies such as machine downtime, energy consumption and material utilization	2024
Amada	IoT Support	IoT Remote Support is AMADA's Industry solution designed to increase machine uptime. IoT Remote Support works by analyzing alarm data collected by V-factory to generate automated cases within our Service Hotline and enabling AMADA engineers to remotely access and diagnose problems with our V-factory linked machines.	2024

MANUFACTURING & OPERATIONAL SOFTWARE

Amada	VPSS 3i Sheetworks	3D parametric solid modelling streamlines the design of parts and optimises the production process. This application makes it possible to display AMADA bending punches and dies during the design phase, to avoid, or correct, any collision before manufacturing the part using the machine. During the design phase, predefined libraries can be used to add forming and semi-shearing. This processing is saved in an AMADA database to be automatically managed by the CAM process.	2024
Amada	VPSS 3i Bend Cam	x3 seats of offline programming, VPSS 4ie Bend software helps operators reduce prototyping and mistakes so increasing machine operation rates. The artificial intelligence capabilities of the VPSS 4ie allows the software to learn from operator experience and skills then reuses that information to help programming future parts with greater precision and speed.	2024
Amada	VPSS 3i Blank Cam	x5 seats of the newest generation of a fully automated and highly efficient programming system for sheet metal processing using AMADA punching, laser and punch-laser combination machines. VPSS 3i Blank supports both the processing of individual components as well as complex nesting.	2024
Amada	VPSS 4ie	VPSS 4ie CAD/CAM software virtually simulates the production process, identify potential issues and make adjustments before manufacturing. With our solutions, you can maximise quality and increase efficiency whilst minimising waste. The fully automated and optimised software can also be used by less experienced operators.	2024
Amada	FMS Manager	The FMS Manager has production tracking and reporting functionalities, collecting shop floor data, and recording production-related events. This information allows the user to control the work in progress and optimize the entire production process. With AMNC Amada machines it is possible to verify whether a job sequence can be processed with the current tooling setup, by a direct check of the turret configuration from the CNC. If a different setup is required, FMS MANAGER suggests what tools need to be replaced and helps you reduce tool changes.	2024
Amada	FMS Controller	The FMS Controller. It's a scalable solution for sheet metal manufacturing work cells and machining centers. Shop floors equipped with automatic load / unload systems for raw materials and finished products can benefit from FMS Controller process automation and tracking features for unattended operation.	2024

MISC EQUIPMENT

Amada	Togu EU No 1	Automated Punch Tool Grinder	2006
Amada	Togu EU No 2	Automated Punch Tool Grinder	2016
Sahliner	RM 1050x86	1050x86 Rem sheet steel roller	2002
Cutlass	Clipper 8	240V 70-180AMP Studwelder	2008
Cutlass	Clipper 10	240V 70-180AMP Studwelder	2008
Viper	LSU 375-UK No 1	Professional 75 litre wet/dry vacuum cleaner with triple motor	2018
Viper	LSU 375-UK No 2	Professional 75 litre wet/dry vacuum cleaner with triple motor	2018
Kemper	ProfiMaster No 1	ProfiMaster Welding Smoke Filter Unit with 3m Arm	2018
Kemper	ProfiMaster No 2	ProfiMaster Welding Smoke Filter Unit with x1 3m exhaust arm	2020
Kemper	ProfiMaster No 3	ProfiMaster Welding Smoke Filter Unit with x2 3m exhaust arm	2020
Metabo	CS 23-355	240v CS 23-355 14" Metal Chop Saw	2019
MEP	Tiger 350	CNC Electro-pneumatic automatic vertical sawing machine	2023
Taylor Made	CDM9 with C2 contact Hand tool	240V 70-180 AMP Stud welder	2023
Stanley	ProSert® XTN20 No 1	High speed blind rivet nut tool with flexible pull-to-stroke & pull-to-force setting.	2017
Stanley	ProSert® XTN20 No 2	High speed blind rivet nut tool with flexible pull-to-stroke & pull-to-force setting.	2018
Stanley	ProSert® XTN20 No 3	High speed blind rivet nut tool with flexible pull-to-stroke & pull-to-force setting.	2022
Stanley	ProSert® XTN20 No 4	High speed blind rivet nut tool with flexible pull-to-stroke & pull-to-force setting.	2024

MISC EQUIPMENT

Avdel	Genesis® nG2 Series No 1	Hydro Pneumatic Power Tool 71213 – Quick release stem collector bottle	2016
Avdel	Genesis® nG3 Series No 1	Hydro Pneumatic Power Tool 71223 – Quick release stem collector bottle	2015
TASKI	SWINGO 750E	Scrubber Dryer Floor Cleaning machine with 40L Tank Capacity and 43cm working width	2015
TASKI	COMBIMAT 300	Compact Scrubber Dryer floor cleaning machine with 10L Tank Capacity and 35cm working width	2013
MIRKA	Deros II 650CV Sander System	DEROS650CV ELECTRIC SANDER & 1230L EXTRACTION MACHINE C/W 4m HOSE	2022
METABO	KGS 305 M Mitre Saw System	KGS305M CROSS CUT & MITRE SAW 2000W with KSU 401 SAW STAND & ASR 35 M ACP Extractor	2024

QUALITY & INSPECTION EQUIPMENT

Amada	Digipro No 1	Precision, lightweight, hand held unit which makes measuring and automatic correction of angles on Amada Press Brakes	2011
Amada	Digipro No 2	Precision, lightweight, hand held unit which makes measuring and automatic correction of angles on Amada Press Brakes	2013
Amada	Digipro No 3	Precision, lightweight, hand held unit which makes measuring and automatic correction of angles on Amada Press Brakes	2014
Amada	Digipro No 4	Precision, lightweight, hand held unit which makes measuring and automatic correction of angles on Amada Press Brakes	2015
Amada	Digipro No 5	Precision, lightweight, hand held unit which makes measuring and automatic correction of angles on Amada Press Brakes	2024
DeFelsko	Positector 6000 No1	Coating Thickness Gages for ALL Metal Substrates	2015
DeFelsko	Positector 6000 No2	Coating Thickness Gages for ALL Metal Substrates	2017
Elcometer	Elcometer 456 Model T No 1	Dry film coating thickness gauge	2018
Elcometer	Elcometer 456 Model T No 2	Dry film coating thickness gauge	2018
Elcometer	Elcometer 1615	K0001615M201 - Elcometer 1615 Impact tester Unviversal base Unit & Tube	2023
Mitutoyo	Height Gauge	Mitutoyo 570-302 Digimatic Height Gauge	2008

QUALITY & INSPECTION EQUIPMENT

Mitutoyo	Height Gauge	Mitutoyo 570-302 Digimatic Height Gauge	2008
Mitutoyo	600mm Digital Vernier No 2	MITUTOYO 500 SERIES CALIPER 600mm DIGITAL	2015
Mitutoyo	600mm Digital Vernier No 3	MITUTOYO 500 SERIES CALIPER 600mm DIGITAL	2016
Mitutoyo	600mm Digital Vernier No 4	MITUTOYO 500 SERIES CALIPER 600mm DIGITAL	2024
Mitutoyo	600mm Digital Vernier No 5	MITUTOYO 500 SERIES CALIPER 600mm DIGITAL	2024
Mitutoyo	600mm Digital Vernier No 6	MITUTOYO 500 SERIES CALIPER 600mm DIGITAL	2024
Mitutoyo	300mm Digital Vernier No 1	MITUTOYO 500 SERIES CALIPER 300mm DIGITAL	2015
Mitutoyo	300mm Digital Vernier No 2	MITUTOYO 500 SERIES CALIPER 300mm DIGITAL	2015
Mitutoyo	300mm Digital Vernier No 3	MITUTOYO 500 SERIES CALIPER 300mm DIGITAL	2023
Linear	1000mm Vernier Caliper No 1	MITUTOYO 500 SERIES CALIPER 1000mm DIGITAL	2015
Mitutoyo	2000mm Vernier Caliper No 1	MITUTOYO Vernier CALIPER 2000mm	2015
Wharfedale	Wharfedale Granite Surface Table	1800mm Granite Inspection Surface Table	2004
Meyer	Pin Set Class ZZ No 1	MHC 616-4203 Class ZZ Pin Set 1.3-4.98mm Tolerance +.005mm	2024
Meyer	Pin Set Class ZZ No 2	MHC 616-4207 CLASS ZZ Pin Set 10-13.98mm TOLERANCE -.005mm	2024
Meyer	Pin Set Class ZZ No 3	MHC 616-4205 Class ZZ Pin Set 5.00-9.98mm Tolerance +.005mm	2024
A.Dinsenen	Sharp Edge Tester No 1	A.Dinsenen UL1439D Sharp Edge Tester	2024
Bowers Group	Digital Countersink Guage No 1	Bowers Aerospace 3/16"-1/2" 4.76-12.7mm 90 DEG COUNTERSINK GAUGE.	2024
Bowers Group	Digital Countersink Guage No 2	Bowers Aerospace 1/2" – 3/4 12.70 – 19.05mm 90 DEG COUNTERSINK GAUGE.	2025

ENVIRONMENTAL & SUSTAINABILITY INITIATIVES EQUIPMENT

Solar PV S1	Array No 1	Solar Photovoltaic System consisting of x84 Panels and x1 Solis 30kw Inverter	2022
Solar PV S1	Array No 2	Solar Photovoltaic System consisting of x52 Panels and x1 Solis 20kw Inverter	2022
Solar PV S1	Array No 3	Solar Photovoltaic System consisting of x162 Panels and x1 Solis 50kw Inverter	2022
Solar PV S1	Array No 4	Solar Photovoltaic System consisting of x58 Panels and x1 Solis 20kw Inverter	2022
Solar PV S2	Array No 1	Solar Photovoltaic System consisting of x600 Panels and x2 Solis 100kw Inverters	2023
Rolec	7.2kW Type 2 No 1	EV Wallpod Charging Unit w/ Socket and Hatchlock 32A	2013
Rolec	7.2kW Type 2 No 2	EV Wallpod Charging Unit w/ Socket and Hatchlock 32A	2017
Rolec	7.2kW Type 2 No 3	EV Wallpod Charging Unit w/ Socket and Hatchlock 32A	2017
Rolec	7.2kW Type 2 No 4	EV Wallpod Charging Unit w/ Socket and Hatchlock 32A	2019
Rolec	7.2kW Type 2 No 5	EV Wallpod Charging Unit w/ Socket and Hatchlock 32A	2019
Rolec	7.2kW Type 2 No 6	EV Wallpod Charging Unit w/ Socket and Hatchlock 32A	2019
Rolec	7.2kW Type 2 No 7	EV Wallpod Charging Unit w/ Socket and Hatchlock 32A	2020
Regent Solar	SOLAR COLUMN Duel No 1	30W LED 2700K T-II OPTIC, TWIN ARM SOLAR STREET LIGHT, BLACK	2023
Regent Solar	SOLAR COLUMN Duel No 2	30W LED 2700K T-II OPTIC, TWIN ARM SOLAR STREET LIGHT, BLACK	2023
Regent Solar	SOLAR COLUMN Single	30W LED 2700K T-II OPTIC, SINGLE SOLAR STREET LIGHT, BLACK	2024