Greenfield
engineering

MACHINERY & PLANT LIST

JUNE 2021

CNC PUNCH & LASER CUTTING EQUIPMENT

Amada	EMZ3610	30 Tonne Servo-electric punching machine with PDC2 automatic punch/die changer. ASIII MP store + LKI PRIII part remover	2011
Amada	EMZ3510	30 Tonne Servo-electric punching machine. L250 M Auto Sheet Loader + LKI PRIII part remover	2005
Amada	EMZ3612 RB	30 Tonne Servo-electric punching machine with ATC. LKI LIII MP Auto Sheet Loader + LKI PRIII part remover.	2016
Amada	ENSIS 3015AJ	3kw fibre laser with OVS automatic compensation system fitted with Amada ASLUL material storage tower	2018

METAL WORKING & SPOT-WELD EQUIPMENT

Mertius	59292 No 1	415V high speed Air operated resistance welder	1996
Mertius	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

BEND & FORMING EQUIPMENT

Salvagnini	P4	2.5m panel bender with ABS universal bending tools and sixth sense technology	2007
Salvagnini	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	25 Tonne 1.2m 4 axis press brake	1999
Amada	HD 5020Nt No 1	50 Tonne 2meter Servo Driven Press brake with 8 axis and offline 3D programming	2013
Amada	HD 5020Nt No 2	50 Tonne 2meter Servo Driven Press brake with 8 axis and offline 3D programming	2013
Amada	ATC No 1	100 Tonne 3m Servo driven press brake with automatic Wila tooling, auto foot pedal and B.I and 3D offline programming	2014
Amada	ATC No 2	100 Tonne 3m Servo driven press brake with automatic Wila tooling, auto foot pedal and B.I and 3D offline programming	2015
Amada	HFE M2 1003	100 Tonne 3m 8 axis press brake	2016
Amada	HFE M2 8025	80 Tonne 2.5m 8 axis press brake	2016

METAL WORKING & WELDING EQUIPMENT

Safmig	280BL.	3 phase Mig welder with duty range of 20-250amps	1996
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
Murex	Tradesmig 280-3	3 phase Mig welder with duty range of 40-280amps	2007
ESAB	Buddy Tig 160 No 1	240v 160amp high frequency TIG and MMA welder	2005
ESAB	Buddy Tig 160 No 2	240v 160amp high frequency TIG and MMA welder	2005
ESAB	Buddy Tig 160 No 3	240v 160amp high frequency TIG and MMA welder	2005
Migatronic	Pilot 1500 HP	240V 150amp Tig welder with MMA capability	2010
EWM	ActivArc T230 Tetrix AC/DC No 1	3phase 3-230amp AC/DC water-cooled lift/high frequency TIG and MMA welder	2015
EWM	ActivArc T230 Tetrix 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
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

METAL WORKING FABRICATION DRILL & DEBURRING EQUIPMENT

RSA	RASAMAX	RASAMAX MONO EDGE DE-BURRING MACHINE	2005
RSA	TURNAMAT	TURNAMAT STRAIGHT & BENT TUBE DE-BURRING MACHINE	2006
GRINDMASTER	MSB-9000	GRINDMASTER 2000 (automatic bed 900mm belt)	2002
MEDDINGS	Compact	BENCH PILLAR DRILL	2001
PINNACLE	PBS 250	PBS 250 10" HORIZONTAL BANDSAW (Heavy Duty)	2000

INSERTING EQUIPMENT

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

PLANT NO.1 PRE-TREATMENT AND 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 AND 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 conveyor	2010
STS	Co2 Automated fire detection system	2010

COMPRESSED AIR MANAGEMENT

Worthington	ROLLAIR 50	50hp Screw Air Compressor	2010
Comp-Air	L75 RS No 1	75HP Variable Screw Air Compressor	2016
Comp-Air	L75 RS No 2	75HP Variable Screw Air Compressor	2016
Comp-Air	L18-13A	18KW 13 Bar Compressor with A37XS Desiccant Air Dryer system	2018

MATERIAL HANDLING EQUIPMENT

TCM	ETB16-7	Electric Forklift truck capacity 1500kgs	2012
TCM	FG25T3 No 1	Gas Forklift Truck capacity 2500kgs	2012
TCM	FG25T3 No 2	Gas Forklift Truck capacity 2500kgs	2012
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

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
Orwak	8020 HDC	Automatic Card & Plastic compactor and bailer	2004

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
Amada	Amada 3i Sheetworks	Production designer modelling and part developing software	2009
Amada	Bend Cam	Offline programming for the HD and ATC press brakes	2013
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
Solweb	Super Route Management System	Online shopfloor works order mass sign off and stock allocating system, linked to the 123 Insight database to maximise admin' speed through both production facilities.	2020

MISC EQUIPMENT

Amada	Togu EU No 1	Automated Punch Tool Grinder	2005
Amada	Togu EU No 2	Automated Punch Tool Grinder	2016
Sahliner	RM 1050x86	1050x86 Rem sheet steel roller	2002
MEP	Tiger 350	CNC Electro-pneumatic automatic vertical sawing machine	2004
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	ProfiMaster Welding Smoke Filter Unit with 3m Arm	2018
Draper	GD25/12EF	16 speed bench drill (1100w) with a 25mm drilling capacity	2019
Kemper	ProfiMaster	ProfiMaster Welding Smoke Filter Unit with x1 3m exhaust arm	2020
Kemper	ProfiMaster	ProfiMaster Welding Smoke Filter Unit with x2 3m exhaust arm	2020

MISC EQUIPMENT

Avdel	ProSert® XTN20 No 1	High speed blind rivet nut tool with flexible pull-to-stroke & pull-to-force setting.	2017
Avdel	ProSert® XTN20 No 2	High speed blind rivet nut tool with flexible pull-to-stroke & pull-to-force setting.	2018
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

QUALITY AND 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
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

QUALITY AND INSPECTION EQUIPMENT

Mitutoyo	Height Gauge	Mitutoyo 570-302 Digimatic Height Gauge	2008
Mitutoyo	600mm Digital Vernier No 1	MITUTOYO 500 SERIES CALIPER 600mm DIGITAL	2015
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	2016
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
Wharfedale	Wharfedale Granite Surface Table	1800mm Granite Inspection Surface Table	2004