



APS Metal Pressings Ltd - Plant List

Plant No.	Manufacturer	Type	Capacity	Strokes/min	Stroke Range	Max Die Height	Work Area L-R F-B	Fitted Equipment
No. 62	Aida 2 Point Press with Transfer Beams	NST 600	600	12 to 28	600mm Fixed	900mm	Ram-4850 x 1800mm Bed-4850 x 1800mm	Electronic Transfer System - 6 stage 750mm pitch to 16 stage 300mm pitch 200m dia to 750mm x 600mm blank 6mm maximum material thickness
No. 50	Aida Link Motion 2 Point Press	PMX 300	300	40-100	200mm Fixed	550mm	Ram-1850 x 880mm Bed-1850 x 1000m	450 x 3.2mm-150 x 6mm Electronic Roll Feed Coil Line with coil car
No. 61	Aida Link Motion 2 Point Press	PMX 300	300	40-100	200mm Fixed	550mm	Ram-2150 x 1200mm Bed-2150 x 1200m	600mm x 3.2mm / 200mm x 6mm AIDA LFG-6003C Straightener Feeder
No. 73	Aida Servo Press	DSF-N1-2000	200T	1 to 80	20 to 250	450mm	Ram-1000 x 650mm Bed-1250 x 840mm	450mm x 1000mm Electronic Roll Feed Coil Line Feed Capability - 450mm @ 4mm and 315mm @ 3.5mm
No. 72	Aida	NC1-1500	150	20	180mm 200m	350mm to 400mm	Ram-630 x 520mm Bed-1170 x 680mm	Atkins Wire Feed 6 to 8mm dia.
No. 51 No. 52 No. 53 No. 54	Aida 4 Press Transfer Line	NC1-2	3x110 1x150	20	180mm or 200m	350mm or 400mm	Ram-630 x 520mm Bed-1170 x 680mm	Aida THL Transfer Feed 400 x 300mm @ 0.5-3.2 Thick
No. 55 No. 56 No. 57 No. 58	Aida 4 Press Transfer Line	NC1-2	3x110 1x150	20	180mm or 200m	350mm or 400mm	Ram-630 x 520mm Bed-1170 x 680mm	Aida NCTHL Transfer Feed 400 x 300mm @ 0.5-3.2 Thick
<i>The above Transfer Lines may be linked to form one continuous 8 Press Transfer Line</i>								
No. 66 No. 67 No. 68 No. 69 No. 70	Chin Fong 5 Press Transfer Line	G1 – 200T	5 x 200	10	250mm	440mm to 550mm	Ram 1100 x 700mm Bed 1500 x 840mm	Aida Blank Feeder Max 600 x 400mm @ 2.5mm SPM 10
No. 41	H.M.E	GH75	75	40	25-125mm		Ram-480 x 330mm Bed-900 x 580mm	Second Operation Auto Feed Die Cushion
No. 47	H.M.E	K100	100	70	44.5mm Fixed		Ram-300 x 171.5mm Bed-300 x 400mm	Second Operation Auto Feed
No. 49	H.M.E	K180	180	65	51mm Fixed		Ram-350 x 203mm Bed-350 x 460mm	Second Operation Auto Feed
No. 35	Sweeney & Blocksidge With Computer Control of Press, Feed and Monitoring Functions.	P160	160	40-100	20-160		Ram-900 x 600mm Bed-1170 x 1000m Feed Capability 450mm x 4mm to 315mm x 4.5mm	450mm x 1000mm Electronic Roll Feed Coil Line
No. 29	Sweeney & Blocksidge With Computer Control of Press, Feed and Monitoring Functions.	P80	80	35 to 150	50-125		Ram-275 x 255mm Bed-820 x 750mm Feed Capability 315mm x 3mm to 152mm x 4mm	315mm x 1000mm Electronic Roll Feed Coil Line
No. 30	H.M.E	GH40	40	40 to 100	25 - 100		Ram-265 x 225mm Bed-700 x 485mm	76 x 76mm to 152 x 152mm Air Feed Coil Line
No. 59	SMV	FCP 1250-2	125	40 - 120	6 - 125mm		Ram-835 x 355mm Bed-1000 x 780mm	300 x 0.6mm - 4mm Electronic Roll Feed. Load Monitoring
No. 38 No. 39	Wilkins & Mitchell	D30-1-6	200	30	150mm Fixed	400mm	Ram-735 x 530mm Bed-760 x 760mm	Die Cushion & Tool Load Monitoring
No. 33 No. 19	Bentley	G7	200	30	305mm Fixed	450mm	Ram-700 x 760mm Bed-875 x 1065mm	Die Cushion & Tool Load Monitoring
No. 18	H.M.E	DCP6	150	40	200mm Fixed	325mm	Ram-1115 x 610mm Bed-1320 x 990mm	Die Cushion & Tool Load Monitoring
No. 22	H.M.E	S2-100	100	24	200mm Fixed	350mm	Ram-1065 x 915mm Bed-1065 x 915mm	Die Cushion
No. 14	Sweeney & Blocksidge	M100	100	60	50 - 150mm		Ram-495 x 305mm Bed-1065 x 660mm	Die Cushion & Tool Load Monitoring
No. 23	H.M.E	GH75	75	40	25 - 125mm		Ram-480 x 330mm Bed-900 x 580mm	Die Cushion
No. 43 No. 28	H.M.E	GP75	75	40	25 - 125mm		Ram-395 x 305mm Bed-900 x 580mm	Die Cushion & Tool Load Monitoring
No. 63	HME Twin Flow	GP40	20 + 20	80	25 to 102mm	(@102mm stroke) 165mm to 215mm	Ram 330 x 250mm (x 2 off) Bed 1065 x 430mm.	Twin Air Cushion
No. 4	Sweeney & Blocksidge	12	50	50	25 - 100mm		Ram-255 x 230mm Bed-750 x 530mm	
No. 2 No. 13 No. 25	Sweeney & Blocksidge	952	30	100 50	25 - 100mm		Ram-200 x 175mm Bed-660 x 480mm	
No. 3 No. 10	Sweeney & Blocksidge	9	20	100	25 - 75mm 25 - 100mm		Ram-175 x 175mm Bed-660 x 455mm	

Toolroom

XYZ 4000 CNC Bed Mill 2 Axis Proto Trak A G E 3 Control
Bridgeport INTERACT 1 Mk2 3 Axis CNC Miller
Ajax AJT 4 Miller with Power Traverse in all Directions and Digital Readout
Bridgeport 2J Miller with Digital Readout
Jones & Shipman Universal Cylindrical Grinder 307 - 14"dia x 40" with Internal & External Spindles
ELB Model SWB10VAI 900mm x 450mm Surface Grinder
Jones & Shipman 540 Surface Grinder (3 off)
Colchester Triumph 2000 Lathe (3 off)
Startrite RWS Bandsaw
XYZ 4000 Manual Verticle Miller
Pinnacle PMTM2 Verticle Miller - Power Traverse with DRO
Qualters & Smith R2 Radial Drill Richmond Herald 40mm Capacity Radial Drill
Vernier Height Gauge 0 - 600mm

Quality Control Department

DEA Swift co-ordinate fully programmable CNC measuring machine fitted with PH10 indexing head.
Hexagon Global Classic 07.10.05 X=700mm Y=1000mm Z=500mm, Module Changer Pack 4 Probes, PC-DMLs CAD++ Software
(Both machines equipped with interfacing software to allow for the transfer of measurement data into SPC databases). Qstat Software (SPC & Process Verification)
Eley Warren 900mm x 900mm black granite surface table certified to Grade 2.
Sterret 600mm x 600mm pink granite surface plate certified to grade 2.
Eley Warren black granite cube 150mm x 150mm x 150mm certified to Grade 2.
Eley Warren 750 Micro Vertex measuring equipment (c/w extensive range of probes).
Nikon C6 Horizontal Optical Profile Projector with 300mm Rotary Screen - with x10, to x50 Lenses.
Metric & Imperial Gauge Block Sets certified to Grade 2.
Mecmesin force measurement equipment. (This equipment allows for force measurement up to 2200Nm in compression or tension).
Bowers Superbore Internal bore measurement equipment. Ceramic Anvil heads with total range of 40.0mm to 100.0mm diameter used in conjunction with Sylvac D100's interface unit).
Indentec Hardness Testing Machine Gauge Blocks Metric & English
Various internal/external micrometers, calipers, dial test indicators etc.
(All the above equipment together with the items used for torque level and hardness testing are regularly calibrated to UKAS standard by external laboratories).

Welding Section

Sciaky E260 240Kva Projection Welder
British Federal Stronghold 100Kva Spot/Projection Welder
Sciaky PA300 300Kva Projection Welder
Meritus Multi Stage Bespoke Projection Welder
Sciaky PA150 150Kva Projection Welder (with Digital Control)
Sciaky PA300 300Kva Projection Welder
Sciaky PA300 300Kva Projection Welder
British Federal Stronghold Dual 150Kva head Spot Welder
G.M.Fanuc RG Arcmate Robotic Mig Welder
G.M.Fanuc RJ Arcmate Robotic Mig Welder
Cutlass Clipper 8mm Capacitor Discharge Stud Welder
Max-Arc 300amp Mig Welder
Fanuc Arcmate - 6 Axis Robotic Welder

Machining Section

Nuova Lucas VBU 400 Trimming Machine with bespoke spinning attachment
Fobco Pedestal DrillerSlack & Parr Quicktap 12 Spindle Tapping Machine
Pedestal Driller
Horizontal Linishing Machines
Herbert 2 Head Pillar Driller
MORI - SEIKI AL-2. CNC Turning Lathe
HURCO TM8i CNC Turning Lathe
Spin Riveter

Finishing Section

Walther Trowal CD600 Vibratory Surface Finishing Machine with Conveyor Drying Oven
Cetema TM500 Vibratory Surface Finishing Machine with Cetema TM250 Spiratron Dryer
Cetema Mini Grinder Model 040 with Vibratory Separation of media and Cetema TM125 Spiratron Dryer
MecWash Midi 400 - Component Washing Machine
Vanco Barrel Finisher

Transport Department

1 off - DAF 18 Tonne CF65.250 Curtain Side - Barn Door Trucks.
1 off - Mercedes Sprinter 3.5 Tonne 313MWB Curtain Side - Barn Door Trucks.
1 off - Vauxhall Combo Sportiv Panel Van