



## 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<br>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<br>Bed-1850 x 1000mm  | 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<br>Bed-2150 x 1200mm   | 600mm x 3.2mm / 200mm x 6mm AIDA LFG-600E Straightener Feeder   |
| No. 73   | Aida Direct Servo Former  | DSF-N1-2000 | 200T        | 1 to 80     | 0 to 250             | 450mm                           | Ram 1000 x 650 Bed<br>1250 x 840   | 450mm x 1000mm Electronic Roll Feed Coil Line Feed Capability - 450mm x 4mm to 315mm x 4.5mm  |
| No. 72   | Aida  | NC1-1500    | 150         | 20          | 180mm 200m           | 350mm to 400mm                  | Ram-630 x 520mm<br>Bed-1170 x 680mm  | Atkins Wire Feed 6 to 8mm dia.  |
| No. 51 No. 52<br>No. 53 No. 54   | Aida 4 Press Transfer Line  | NC1-2       | 3x110 1x150 | 20          | 180mm or 200m        | 350mm or 400mm                  | Ram-630 x 520mm<br>Bed-1170 x 680mm  | Aida THL Transfer Feed 400 x 300mm @ 0.5-3.2 Thick  |
| No. 55 No. 56<br>No. 57 No. 58   | Aida 4 Press Transfer Line  | NC1-2       | 3x110 1x150 | 20          | 180mm or 200m        | 350mm or 400mm                  | Ram-630 x 520mm<br>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<br>No. 68 No. 69<br>No. 70   | Chin Fong 5 Press Transfer Line   | G1 – 200T   | 5 x 200     | 10          | 250mm                | 440mm to 550mm                  | Ram 1100 x 700mm<br>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<br>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<br>Bed-300 x 400mm   | Second Operation Auto Feed  |
| No. 49   | H.M.E   | K180        | 180         | 65          | 51mm Fixed           |                                 | Ram-350 x 203mm<br>Bed-350 x 460mm   | Second Operation Auto Feed  |
| No. 29   | Sweeney & Blocksidge With Computer Control of Press, Feed and Monitoring Functions. | P80         | 80          | 35 to 150   | 50-125               |                                 | Ram-275 x 255mm<br>Bed-820 x 750mm<br>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<br>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<br>Bed-1000 x 780mm  | 300 x 0.6mm - 4mm Electronic Roll Feed. Load Monitoring   |
| No. 38<br>No. 39   | Wilkins & Mitchell  | D30-1-6     | 200         | 30          | 150mm Fixed          | 400mm                           | Ram-735 x 530mm<br>Bed-760 x 760mm   | Die Cushion & Tool Load Monitoring  |
| No. 33<br>No. 19   | Bentley   | G7          | 200         | 30          | 305mm Fixed          | 450mm                           | Ram-700 x 760mm<br>Bed-875 x 1065mm  | Die Cushion & Tool Load Monitoring  |
| No. 18   | H.M.E   | DCP6        | 150         | 40          | 200mm Fixed          | 325mm                           | Ram-1115 x 610mm<br>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<br>Bed-1065 x 915mm   | Die Cushion   |
| No. 14   | Sweeney & Blocksidge  | M100        | 100         | 60          | 50 - 150mm           |                                 | Ram-495 x 305mm<br>Bed-1065 x 660mm  | Die Cushion & Tool Load Monitoring  |
| No. 23   | H.M.E   | GH75        | 75          | 40          | 25 - 125mm           |                                 | Ram-480 x 330mm<br>Bed-900 x 580mm   | Auto Feed for LC010/11/12 Striker Assys   |
| No. 43<br>No. 28   | H.M.E   | GP75        | 75          | 40          | 25 - 125mm           |                                 | Ram-395 x 305mm<br>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)<br>Bed 1065 x 430mm.                                   | Twin Air Cushion  |
| No. 4  | Sweeney & Blocksidge  | 12          | 50          | 50          | 25 - 100mm           |                                 | Ram-255 x 230mm<br>Bed-750 x 530mm   |   |
| No. 2<br>No. 25  | Sweeney & Blocksidge  | 952         | 30          | 100 50      | 25 - 100mm           |                                 | Ram-200 x 175mm<br>Bed-660 x 480mm   |   |
| No. 3<br>No. 10  | Sweeney & Blocksidge  | 9           | 20          | 100         | 25 - 75mm 25 - 100mm |                                 | Ram-175 x 175mm<br>Bed-660 x 455mm   |   |

**Toolroom**

XYZ 4000 CNC Bed Mill 2 Axis Proto Trak A G E 3 Control  
XYZ SMX3 2500 3 Axis CNC Milling Machine  
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.  
DEA Swift co-ordinate fully programmable CNC measuring machine fitted with single position head.  
(Both machines equipped with interfacing software to allow for the transfer of measurement data into SPC databases).  
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 Guage 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 Driller Slack & Parr Quicktap 12 Spindle Tapping Machine  
Pedestal Driller  
Horizontal Lining Machines  
Herbert 2 Head Pillar Driller  
MORI - SEIKI AL-2. CNC Chucking 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