

Propak sheet metal Ltd.

75,000 sq. feet of floor space on a single site in Stevenage,
with approximately 150 employees.

PLANT LIST

NEW. 1 OFF Trumpf Trumatic TCL3030 Laser Profiling Machine
2 off Trumpf Trumatic L2530 Laser Profiling Machines.

CNC PUNCH PRESSES

1 off F5840 Finn- Power Turret Punch Press. High Speed.
1 off TP2000 Finn-Power Turret Punch Press.
1 off Amada Pega 40 and 44 Station 30 ton Punch Presses, with tapping heads

All under CAD/CAM control using MERRYMECH SMP81 software,
with DNC links.

COMPUTER AIDED PROGRAMMING HARDWARE.

Fully networked CAD/CAM system with extensive capability to use
customer generated data in most formats of electronic mail, Cdrom etc.

Programming Pcs.

8 off Pentium 4's using MECHANICAL DESKTOP 2007,
PRO-ENGINEER, and RADAN Cad systems, SMP81 software and
INVENTOR.
Apple Powermac P7290, 20" monitor, running Micro Station 95 software.

Additional Programming Hardware:-

HEWLETT PACKARD PLOTTERS A0, DESIGN JET 500, A1, C450, HPLASERJET 5000
PRINTER, BROTHER HL4 LASER PRINTER., MINOLTA MAGICOLOR 6610 Colour printer,
HP LASERJET 5.
WIN 2003 Server Xeon 3000.

PUNCH PRESSES(NON CNC)

2off Pierce-all punching machines with following capacity :-
Duplicator 30"x54"; By indexing 30"x72". Up to 3.5 " dia in
6mm thick sheet.
Limit by direct dialling within 0.005 inch.

The above machines are supported by a wide and varied selection of punches and dies including most shapes and sizes common to the electronics industry.

BUSH INSERTION PRESSES.

1 off Jervis press 6 ton capacity.
2 off Hare 500 press 7 ton capacity.
2 off Haeger press 6 ton capacity.
1 off PSM press 6 ton capacity(2000 lb PSI).

BRAKE PRESSES (CNC)

New.
2 off TRUMPF TRUMABEND V850 5 AXIS
1 off AMADA 80X2.5 mtr with 5 axis control.
6 off AMADA 25x1.2 mtr with 4 axis control.
1 off MEBUSSA 30 ton X 1.2 mtr single axis.

Additional Fly presses and associated equipment.

SPOT WELDING

- 1 off TECHNA TE183 150 KVA
(3mm to 3mm aluminium capacity)
- 2 off SKIAKY 96 KVA (up to 2mm aluminium capacity)
With the capability to spot weld precoated steels "blemish Free".
- 4 off CEA 45KVA
- 1 off CEA 35KVA
- 2 off CEA 25KVA
- 2 off PW Suspended spot welders with jibs.

WELDING PLANT.

- 3 off Miller Argon Arc (All Syncro-wave) Welding Plants.
- 3 off MIG Welding Plants.
- 1 off Oxy-Acetylene Equipment.
- 1 off Oxford Electric Arc Welding Plant.
- 1 off Solbraze Tunnel Oven for RFI soldering.
- 3 off THERMALARC 300 GTSW Welding Plant
- 1 off THERMALARC 180 GTSW Welding Plant

OTHER SHEET METAL MACHINES.

- 1 off AMADA 8" corner Notcher.
- 1 off SAFAN Guillotine 2.46 m x 6.35mm
- 1 off BERLIK powered rollers 1280 X 2.5
- 2 off Edwards Hand Rollers.12"x1" and 40" x 3".
- 1 off Edwards hand Folder 24" x16" SWG

METAL MACHINING FACILITIES.

- 1 off Bridgeport Vertical Milling M/Cs with DRO.

- 1 off Jones and Shipman 450P Horizontal Surface Grinder.

- 1 off Addison NTM 315 Circular Sawing Machine.
- 1 off Colchester Student Lathe.
- 1 off Pollard pillar drill

- 1 off Kinmatic Threading m/c

Additional Drilling and tapping Machines of various sizes including Meddings and Pollard Twin Head Bench Drills.

METAL FINISHING DEPARTMENT

All metal finishing carried out in house, in our extensive modern facilities.

STOVE ENAMELLING.

New Environmentally Friendly Degreasing Unit
C-C HYDRONICS ECOLOGY2000 1000 X 1200 X 2500 deep.

Extensive facility of modern spray equipment including the following: -

- 7 off Berridge Water curtain spray booths, including a double pressurised room(8mtrs) for ultra clean spraying.
- 4 off Stoving Ovens, 3mtrs and 4 mtrs.
- 1 off Rubbing Down booth, Berridge.
- 2 off 'Safety clean' spray gun cleaning equipment.
- 1 off Environmental Enclosed Paint Mixer/Shaker.

SILK SCREEN PRINT DEPARTMENT.

MICRODESK 95 Computer Aided Silk Screen Design equipment.
PLATEMAKER 2 Laser Silk Screen plate printer.

- 1 off Tecaprint Tampo Printing Machine.
- 1 off Midget 6 Key cap Printing Machine.
- 1 off Vacuum Table Printing Frame.
- 1 off Fully Equipped dark room comprising:-
- 2 off Collyer Screen exposure Tables.
- 1 off Cefmor Bremor Viewer.
- 1 off Vertical Screen washing Booth.

ELECTROSTATIC POWDER COATING.

- 4 off Independent powder spray guns

PLATING SHOP.

Modern, self contained Plating Shop comprising over 70 tanks, able to produce the following processes:-

RoHS and WEEE compliant processes.

Surtec 650, aluminium passivate.

Anodise ,clear, black and hard.

Copper.

Nickel, Bright and Electroless.

Tin.

Zinc, alkali and passivate. Clear, iridescent and black

(RoHS compliant or Non compliant as required).

Alocrom 1000 and 1200,

Phosphating, Chemi Black, and most usual industrial finishes.

A full range of Passivates, Colour and multicolour anodising.

Special processes, including Aluminium and Stainless Steel plating.

Leaders in the field of RoHS and WEEE compliant plating processes.

LINISHING/POLISHING EQUIPMENT.

2 off Grind Master Straight Graining Linishers.MSB900 & 3000.

5 off Lakestyle Extracted fettling Booths.

Various Bench mounted and hand held linishing Equipment.

POLISHING ROOM

Aluminium Polishing facility in purpose built room.

Stainless Steel polishing to the highest quality.

1 off Morrisflex Polishing/Sanding Machines

1 off Biax variable speed polishing machine

CHEMICAL ETCHING FACILITY.

A modern high quality Chemical Etching facility is available, fully integrated with the Propak production facilities.

All the major items of the above machinery are covered by Maintenance agreements with reputable companies, for regular servicing etc.

SUPPORT FACILITIES.

INSPECTION DEPARTMENT

A comprehensive Inspection Department, with all the equipment etc required to maintain the high quality standards of ISO9002.

Equipment Includes:-

Ferranti Co-ordinate Measuring Machines.
Trimos Vertical 3 Digital Height Gauge
Microvertex digital vertical measuring machine.
Standard and digital Measuring equipment, all calibrated to national standards.

DELIVERIES AND MECHANICAL HANDLING.

1 off	17 ton Mercedes Cargo
3 off	7 1/2 ton Mercedes Cargo
1 off	Toyota 2500 kg c/balance Forklift truck.
1 off	Hyster 150 Fork lift truck.
1 off	Hyster H2.00x Fork lift truck
1 off	Komatsu reach Forklift truck
1 off	Toyota series 7 electric reach Truck

OFFICE SUPPORT FACILITIES.

Office support services utilising a networked computer system, for Stock control, Production Control, and estimating. Electronic Data Transfer is used between several of our customers and the programming/estimating departments.

Comprehensive use is made of the latest communication and CAM technologies, including WINDOWS XP Professional, E MAIL, INTERNET, VIEW AUTOMANAGER software, AUTOCAD 2007, and MECHANICAL DESKTOP. INVENTOR 11, PRO-E Wildfire 3.

As an **ISO9002** approved company, **Propak Sheet Metal Ltd** is committed to **Total Quality Management** and **Continuous Improvement**.

Environmental certification from:

Thames Water.
Stevenage Borough Council
Environment Agency

Safety Testing by:

Zurich Insurance.

Environmental approval to ISO 1402 is currently being assessed by NQA.
Improvements for 2007 include the replacement of ozone depleters with an environmentally safe aqueous cleaning plant.
Recycling initiatives and substantial VOC reduction.