

Protech Engineering - Plant List.

CNC machines.

1. 1 Bridgeport VMC 800 machining centre with Heidenhain control. CAD/CAM controlled via DNC link (with 4th axis control).
2. 2 Bridgeport VMC 600 machining centres with Heidenhain control. CAD/CAM controlled via DNC link (with 4th axis control).
3. 2 YCM 66A machining centres with Heidenhain TNC 530 control. CAD/CAM controlled via DNC link (with 4th axis control).
4. 2 Ecosa SJ25 turning centres with 2" diameter hydraulic bar feeder. CAD/CAM controlled via DNC link.

Milling.

5. 5 Bridgeport vertical milling machines with digital readout and power feed on both axis.
6. 2 Ajax AJT4 milling machines with digital readout and power feed on all 3 axis.

Spark erosion.

7. 1 Eurospark H 900 spark eroding machine with digital readout, (work tank 820 x 500 x 300).
8. 1 Eurospark H425 spark eroding machine with digital readout.

Turning.

9. 2 Colchester Triumph 2000 centre lathes with digital readout.
10. 1 Hardinge Toolroom lathe with digital readout.
11. 1 Colchester Student centre lathe (capstan attachment)

Grinding.

12. 3 Jones and Shipman 540 surface grinders, with optipress form grinding attachment and profile scope.
13. 1 Myford MDG 12 cylindrical grinder.
14. 2 Jones and Shipman 1310 cylindrical grinders with internal grinding attachment.

Inspection - ISO 9001 approved.

15. Co-ordinate Measuring Machine (CMM) 400 x 500 X 400.
16. Precision bore gauges 6mm - 150mm.
17. Height gauge accurate to 0.0002mm.
18. Various inspection equipment such as plug, ring and thread gauges

Miscellaneous.

19. Fly press and tooling.
20. Various off hand grinders.
21. Pillar drills.
22. Various arbor presses.
23. Power bandsaw (10" capacity).

