

CYLINDER HEADS AND BARRELS

- 1 18 x 8" Lodge & Shipley Lathe
- 1 No. 6D Potter & Johnson Turret Lathe
- 1 Fay Automatic Lathe
- 1 Drummond Maxicut Lathe
- 1 2-Spindle Avery No. 2 Drill (with tapping attachment)
- 1 No. 263 Barnes Drill
- 1 3' Asquith Radial Drill
- 1 No. 1H Horizontal Miller
- 1 No. 2 Vertical "
- 1 No. 12B Profile Miller P & W
- 1 Special Spot Facing Machine
- 1 " Water Test Stand
- 1 Hanson Whitney Thread Miller 10" x 24"
- 1 Norton Grinder 10 x 36
- 1 Churchill Universal Grinder
- 1 P & W 14" Surface Grinder
- 1 Special Natco Drill (for valve pockets)
- 1 " L & G " (for rocker boxes)
- 1 " " " (for Spark Plug holes)
- 1 Bryant No. 24 Grinder (for cylinder bores)

FOR MASTER RODS AND LINK RODS

- 1 Special 24" Bullard Vertical Lathe
- 1 No. 263 Barnes Drill
- 1 2 Spindle Archdale Sensitive Drill (with tapping attachment)
- 1 No. 3 Horizontal Mill
- 1 No. 2 " "
- 1 No. 3 Vertical Mill (with rot. table)
- 1 No. 2 " " (with cam milling)
- 1 P & W No. 12B Profile Miller
- 1 Standard Abrasive Surface Grinder
- 1 No. 16-38 Bryant Internal Grinder
- 1 Kellerflex Grinder
- 1 Excello (2 head) Boring Machine

REQUIRED FOR CRANKSHAFT (INCLUDES PROP SHAFT AND GEAR CAGES)

- 1 Crankshaft Lathe
- 1 24 x 8 Lodge & Shipley
- 1 18 x 8 " "
- 1 No. 32 Gisholt Turret Lathe
- 1 No. 3 Vertical Mill
- 1 No. 2 " "
- 1 No. 3 Horizontal Mill
- 1 No. 2 " "
- 1 P & W 14" Surface Grinder
- 1 Fellows Type Z Shaper
- 1 Hanson Whitney Thread Miller 10' x 2"
- 1 No. 263 Barnes
- 1 Carlton 3' x 11" Radial
- 1 No. 2 Twin Spindle Avery
- 1 Watson Stillman 60 ton Press
- 1 Norton Cylindrical Grinder 23 x 36
- 1 Churchill Crankshaft Grinder 26 x 50
- 1 Gisholt Balancing Machine

1 Magnaflux
1 Crankpin Lapping Machine
1 Pratt & Whitney Vertical Shaper 6"
1 Lapointe Broaching Machine 3 $\frac{1}{2}$ L
1 Bryant Internal Grinder No. 16-38
1 Kellerflex Grinder
1 Gardner Polishing Jack

CRANKCASE

1 Bullard 36" Vertical Lathe
1 " 24" " "
1 4-Spindle Avery No. 2 Drill
1 263 Barnes Drill
1 3'6" Asquith Radial Drill
1 No. 2 Cincinnati Horizontal Mill
1 No. 3 Milwaukee Vertical Mill
1 Kellerflex Grinder
1 Norton Horizontal Wheel Lapper
1 Pearn & Richards Boring Mill
1 No. 24 Bryant Chucking Grinder (on 9" blades)

PISTON

1 Sundstrand Stub Lathe
1 2-Spindle No. 2 Avery Drill
1 Excello 4 head Precision Boring Machine
1 N2MH Cincinnati Horizontal Miller
1 Exact Weighing Machine
1 No. 263 Barnes Drill

GEARS AND CAMS

1 No. 32 Gisholt Lathe
1 Lang 13 x 6 Lathe
1 Lang 17 x 6 "
2 Ward No. 7 (or W & S No. 4) Turret Lathes
1 Herbert No. 7 or 3' Ward Turret Lathes
1 Barnes No. 263
1 4-Spindle Avery No. 2 Drill
1 No. 2 Milwaukee Horizontal Mill
1 No. 2M Cincinnati Vertical Mill (cam milling attachment)
1 No. 7 Fellows Shaper, Gear
1 Type Z " " "
1 No. 12 Gleason Bevel Gear Shaper
1 Barber Colman Hobbing Machine
1 La Pointe Broaching Machine
1 Hanson Whitney Thread Miller 4' x 7"
1 " " " " 7 $\frac{1}{2}$ x 11 $\frac{1}{2}$ "
1 No. 0 Herbert Hand Miller
1 Heald Systematic Internal Grinder No. 72A
1 Churchill Universal Grinder
1 9" P & W Gear Grinder
1 Detroit or Orcutt External & Internal Gear Grinder
1 Cam Grinder, Landis 14 x 36 Type C
1 No. 22 Heald Surface Grinder

MISCELLANEOUS PARTS (MACHINING)
(See separate list for grindings)

3 Index Automatics 52M, 36M & 24M
2 Herbert No. 7 or Large Ward Turret Lathe 3'
2 Ward No. 7 or (W & S No. 4) Turret Lathes
1 Lang 13 x 6" Lathe
1 Lang 17 x 6" "
1 Small Harding Lathe
1 Single Spindle Corona Drill
1 2-Spindle Avery Drill No. 2
2 4- " " " " 2
1 No. 263 Barnes Drills
1 3'6" Asquith Radial
1 28" Archdale Drill
12 No. 2MH Cincinnati Horizontal Mill
1 No. 3B Milwaukee Vertical Mill
2 No. O Herbert Hand Millers
1 Hanson Whitney Thread Miller 4 x 7
1 " " " " 7 $\frac{1}{2}$ x 11 $\frac{1}{2}$
2 No. 10 Diamond Polishing Jacks

GRINDING EQUIPMENT FOR MISCELLANEOUS PARTS

2 Churchill Universals 12 x 36
1 Norton 10 x 36
1 " 23 x 36
1 Churchill Crankshaft Grinder
1 Pratt & Whitney Surface 14" (with mag. chuck)
1 No. 22 Heald Surface
1 Abrasive Surface Grinder
1 No. 24 Bryant Internal
1 No. 16-38 Bryant Internal
2 Heald No. 72A Systematic Hydraulic Internal Grinder
1 Centerless Cincinnati Grinder
2 Kellerflex Grinders
1 Disc Grinder Double End Gardner
1 Centerless Cincinnati Lapping Machine
1 Excello Thread Grinder (small)
1 Gardner Polishing Jack