

No. 5 A.T.L. HYDR. POWER UNIT

|                      |         |     |                            |      |          |
|----------------------|---------|-----|----------------------------|------|----------|
| Console lift brkt.   | A-95268 |     | Press line filter          | (3)  | B-91395  |
| Manifold (CS & TS)   | L-98200 |     | Sure-flex sleeve           | (4)  | B-91468  |
| Manifold (head)      | L-87256 |     | Sure-flex coupling         | (5)  | B-91469  |
| Pump base            | A-92005 | (3) | Bottom guard               | (2)  | B-92070  |
| Cover                | A-92074 | (2) | Pump base shim             | (12) | B-92105  |
| Cover gasket         | A-92075 | (2) | End cover left             |      | B-92237  |
| Top cover            | A-93948 |     | End cover gasket           |      | B-92238  |
| Top cover gasket     | A-93949 |     | End cov. gasket rt.        |      | B-93777  |
| Filler block         | A-94373 |     | Block gasket               |      | B-94374  |
| Sub plate            | A-98202 |     | Relief valve               |      | B-97823  |
| Gasket cap           | B-58655 | (2) | Pressure gage              | (3)  | B-98143  |
| Gasket               | B-58660 | (2) | Direct. valve-3 pos.-4 way | (4)  | B-101077 |
| Fluid level gage     | B-85939 |     | Direct. valve-2 pos.-4 way | (6)  | B-101078 |
| Breather cap-asm.    | B-85942 |     | Coupling                   |      | B-91532  |
| Airmaze breather     | B-90291 |     | Drain gasket               |      | B-92077  |
| Suction filter       | B-91330 | (4) | Guard - top                | (2)  | B-92068  |
| Var. vol. pump-6 GPM | B-91345 | (3) | Immersion heater           | (2)  | B-101256 |
| Flow cont. module    | B-91348 |     |                            |      |          |
| Needle valve         | B-91349 |     |                            |      |          |

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NO. 5 A.T.L. HYDR. POWER UNIT (CONT.)

(For Head Control)

Needle valve (2) B-85914  
 Manifold B-88724  
 Manifold Brkt. B-88725  
 Bracket B-89092  
 Press. Reducing valve B-91276  
 Relief valve B-91277  
 Mount. bolt kit (2) B-91491  
 Press. gage (3) B-96605  
 Guard L-100938  
 F.C.V. manifold A-100939  
 F.C.V. Man. (vert.sl.) A-100940  
 Wiring trough A-103288  
 Two way valve (8) B-100941

Handle B-101061  
 Top electrical box (5) B-102822  
 Flow cont. valve (8) B-101062  
 Tank L-101145  
 A-98365  
 Drain manifold A-101146  
 Pump base A-101147  
 Top guard A-101148  
 End cover (right) A-101149  
 Top guard A-101150  
 Bottom guard A-101151  
 Bottom guard B-91465  
 5 HP motor-1800 RPM  
 TEFC frame 184T  
 3 Phase, 60 cycle 230/460V (2)  
 Coupling B-91531  
 Var.Vol. Pump 156GPM B-98368

Construction Drawings: L-101483, L-101484, L-100758, L-101152, L-101153  
 L-101154, L-101155, L-101156  
 Hyd. Circuit Diagrams: L-91354

5A-1-P

PNEUMATIC EQUIPMENT

|                              |              |
|------------------------------|--------------|
| Control Manifold Assy        | B-102129     |
| Consisting of the Following: |              |
| Flexiblok-end plates         | B-101571     |
| Flexiblok-blank station      | B-102126     |
| Flexiblok-2 pos. sol. valve  | B-102127 (4) |
| Flexiblok-press. regulator   | B-102128 (2) |
| Air filter-F20-04-000 FG     | B-91241      |
| Lubricator-L20-04-000        | B-91242      |
| Mounting Strap               | A-103580 (2) |

Construction Drawing: L-103362  
Pneumatic Circuit Drawing: A-102131

5A-2-P

BED, PAN & LEGS

|                                       |          |                     |     |          |
|---------------------------------------|----------|---------------------|-----|----------|
| B & O nameplate                       | A-102443 | Washer              | (3) | C-1067   |
| L.H. leg                              | L-101646 | #5 Mach. size plate |     | A-88279  |
| Knob                                  | B-84088  | Bed                 |     | L-102546 |
| Bushing                               | B-87518  | Pan leg. (right)    |     | L-101229 |
| Spring clip                           | B-88194  | Pan leg (left)      |     | L-101230 |
| Window                                | A-88652  | Pan                 |     | L-101231 |
| Brace                                 | A-87718  | Leg (right)         |     | L-101232 |
| Cover                                 | B-89382  | Chip chute          |     | A-88193  |
| Roller                                | B-89384  | Cover               |     | A-90465  |
| Spacer                                | B-89385  | Angle bracket       |     | B-90492  |
| Coolant manifold                      | B-90491  | Cover               |     | A-90495  |
| Strap                                 | B-90608  | Cover               |     | A-90496  |
| Wear strip                            | B-91484  | Tooling guard       |     | L-90497  |
| Hose manifold                         | A-101236 | Bedway              | (2) | A-90885  |
| Cover                                 | A-101237 | Filler plate        |     | A-94659  |
| Cover                                 | A-101251 | Rear splash guard   |     | L-101233 |
| Screw                                 | A-101648 | Head guard          |     | L-101234 |
| Filler plate                          | A-89371  | Deflector           |     | B-101235 |
| Stop                                  | B-94663  | Hose guard          |     | A-101238 |
| Guard                                 | A-89175  | Manifold bracket    |     | A-101248 |
| Piping bracket                        | B-103581 | Cover               |     | A-101250 |
| Plunger                               | B-94759  | Front splash guard  |     | A-101557 |
| Stan-Pro self sealing<br>weatherstrip | B-97478  | Main guard          |     | L-101558 |
| Angle bracket                         | A-103582 | Side guard          |     | A-101647 |
|                                       |          | Rear guard support  |     | A-103659 |

Construction Drawings: L-103256, L-101242, L-101243, L-103355, L-103398, L-90451,  
 3" capacity L-101244, L-101245  
 5" capacity L-103691, L-103692

5A-3-P

BED, PAN & LEGS - 3 INCH CAPACITY

Head  
Top cover  
Rear guard  
Spindle guard

L-102544  
A-101239  
A-94696  
A-88206

BED, PAN & LEGS - 5 INCH CAPACITY

Head  
Top cover  
Rear guard  
Spindle guard

L-102545  
A-101240  
A-103940  
A-88729

5A-3-P

NO. 5 ATL HEAD

|                          |     |          |                          |          |
|--------------------------|-----|----------|--------------------------|----------|
| Bearing closer           | (2) | A-86066  | MRC bearing              | B-91176  |
| Bearing closer           |     | A-86067  | MRC bearing              | B-91177  |
| Spacer                   | (2) | B-86074  | MRC bearing              | B-91178  |
| Spacer                   |     | B-86079  | MRC bearing              | B-91179  |
| Spacer                   |     | B-86082  | MRC bearing              | B-91180  |
| Shaft                    |     | A-86083  | MRC bearing              | B-91181  |
| Spacer                   |     | B-86131  | MRC bearing              | B-91182  |
| Spacer                   |     | B-86203  | MRC bearing              | B-91183  |
| 59T. gear                |     | A-86817  | Fawick AS-450 clutch hub | A-86937  |
| 49T. gear                |     | A-86820  | Fawick AS-600 clutch hub | A-86938  |
| 27T. gear                |     | A-86821  | Fawick AS-450 clutch     | B-91184  |
| Pinion shaft             |     | A-86831  | w/B & O hub A-86937      |          |
| 61T. clutch gear         |     | A-86931  | Fawick AS-600 clutch     | B-91185  |
| 71T. clutch gear         |     | A-86932  | w/B & O hub A-86938      |          |
| 71T. clutch gear         |     | A-86933  | Formsprag HTH-450 clutch | B-102139 |
| 95T. clutch gear         | (6) | A-86934  | w/Formsprag hub complete |          |
| Spacer shim              | (7) | B-88024  | Formsprag HTH-600 clutch | B-102140 |
| Spacer shim              |     | B-88152  | w/Formsprag hub complete |          |
| 99T gear (std.spd.)      |     | A-86828  |                          |          |
| 93T gear (spl.high spd.) |     | A-86124  |                          |          |
| Housing                  |     | L-91049  | HOUSING PIPING           |          |
| Cover                    | (2) | A-91051  | Spraco V-812 spray head  | B-85944  |
| Cover gasket             | (2) | A-91052  |                          |          |
| Shim                     | (2) | A-102541 |                          |          |
| Shim                     |     | A-102542 |                          |          |
| Spacer                   | (5) | B-102543 |                          |          |

Construction Drawings: L-90558, L-102516, A-101487

5-A-4-P

NO. 5 ATL - 3 IN. CAPACITY SPINDLE

|                    |         |                                 |          |
|--------------------|---------|---------------------------------|----------|
| Front brg. closer  | A-86812 | Timken brg. cone                | B-91190  |
| Rear brg. closer   | A-86845 | Timken brg. cup                 | B-91191  |
| Brg. spacer        | B-86850 | Timken brg. cup                 | B-91192  |
| Spindle            | A-99973 | Timken brg. cone                | B-91193  |
| Balancing ring     | B-59734 | Timken brg. cone                | B-91546  |
| Driving button     | B-37291 | Timken brg. cup                 | B-91547  |
| Key                | B-86865 | Kaydon brg.                     | B-91194  |
| Adj. nut           | A-86846 | MRC brg. w/loose int. clearance | B-91196  |
| Adj. nut           | A-86847 | AS-568-361 O-ring               | B-91197  |
| Drive plate        | A-89769 | AS-568-372 O-ring               | B-91198  |
| Clutch plate       | (6)     | Smally wave spring              | B-97725  |
| Clutch plate       | (4)     | Waldes-Truarc 5100-500          | B-97350  |
| Clutch hub         | A-99974 |                                 |          |
| Clutch back plate  | A-99976 | RANGE GEAR (STD.)               |          |
| Clutch front plate | A-90213 | 30/1300 RPM 3" cap.             | A-86830  |
| Clutch body        | A-90214 | 37T. gear                       | A-101374 |
| Clutch sleeve      | A-90215 | Roughing dwg. for A-86830       |          |
| 70T. gear          | A-99975 |                                 |          |
| 105T. gear         | A-90217 | RANGE GEAR (SPL.)               |          |
| Spacer             | A-90218 | 37/1600 RPM 3" cap.             | A-86829  |
| Spacer             | B-90219 | 43T. gear                       | A-101373 |
| Brg. retainer      | B-90220 | Roughing dwg. for A-86829       |          |
| Key                | (4)     |                                 |          |
|                    | B-99966 |                                 |          |

Construction dwg. L-100094

5-A-5-P

NO. 5 ATL - 5 IN. CAPACITY SPINDLE

|                         |         |                           |          |
|-------------------------|---------|---------------------------|----------|
| Rear spacer             | B-88432 | Timken brg. cone          | B-91161  |
| Spindle                 | A-99982 | Timken brg. cup           | B-91162  |
| Balancing ring          | A-88981 | Timken brg. cone          | B-91163  |
| Front spacer            | B-90447 | Timken brg. cup           | B-91164  |
| Key                     | B-86865 | Kaydon brg.               | B-91165  |
| Spacer                  | A-90417 | Kaydon brg.               | B-91166  |
| Brq. retainer           | B-90220 | Kaydon brg.               | B-91167  |
| Adj. nut                | A-88433 | AS-568-373 O-ring         | B-91168  |
| Adj. nut                | A-88434 | AS-568-380 O-ring         | B-91169  |
| Clutch hub              | A-99983 | RANGE GEAR (STD.)         |          |
| Clutch back plate       | A-99985 | 25/950 RPM 5" cap.        | A-86830  |
| Clutch front plate      | A-88437 | 37T. gear                 | A-101374 |
| Clutch body             | A-90423 | Roughing dwg. for A-86830 |          |
| Clutch sleeve           | A-90422 | RANGE GEAR (SPL.)         |          |
| Drive plate             | A-88440 | 31/1170 RPM 5" cap.       |          |
| Clutch plate            | A-88441 | 43T. gear                 | A-86829  |
| Separator spring        | B-97726 | Roughing dwg. for A-86829 | A-101373 |
| 96T. gear               | A-99984 |                           |          |
| 126T. gear              | A-90445 |                           |          |
| Spirolox retaining ring | B-97348 |                           |          |
| Key                     | B-99966 |                           |          |

Construction Dwg.: L-100095

5-A-6-P



NO. 5 ATL - COLLET CHUCK & CYLINDER

Finger  
 Finger roller  
 Finger roller pin  
 Pin  
 M-62 spring plunger  
 Jam nut  
 Cyl. mtg. block  
 Finger holder friction  
 Wedge shoe  
 Cylinder link  
 Yoke link pin  
 Lever  
 Bushing  
 ASP-LSC-SPD cont. muffler  
 Micro-Switch 4LS1

A-70711  
 B-62784  
 B-62785  
 B-88239  
 B-98856  
  
 A-86980  
 B-44275  
 B-98862  
 B-86975  
 B-86976  
 B-88845  
 B-100664  
 B-93689

(2)  
 (2)  
  
 (2)  
 (2)

3" CAPACITY

Yoke bracket  
 Yoke  
 Collet  
 Collet pad  
 Wedge  
 Yoke pivot  
 Air cylinder  
 Abutment sleeve  
 Finger holder  
 Collet hood  
 Wedge shoe stud  
 Plunger  
 Ring  
 Collet pad screw  
 Key

A-100960  
 A-86967  
 A-44578  
 A-49563  
 A-74996  
 A-88847  
 A-86981  
 A-90473  
 A-88236  
 A-88235  
 B-42434  
 B-89916  
 B-90472  
 C-2231  
 C-2233

5" CAPACITY

Yoke  
 Yoke bracket  
 Wedge  
 Collet hood  
 Collet pad  
 Air cylinder  
 Finger holder  
 Yoke pivot  
 Abutment sleeve  
 Collet  
 Plunger  
 Ring  
 Wedge stud  
 Collet pad screw  
 Key

A-88318  
 A-100961  
 A-88315  
 A-88796  
 A-80597  
 A-88302  
 A-88311  
 A-88312  
 A-88316  
 A-88795  
 A-88313  
 A-88317  
 B-88320  
 B-88797  
 C-2233

(2)  
 (6)

Construction Drawing 3" Capacity: L-100963  
 Construction Drawings 5" Capacity: L-100964, A-91496

5-A-7-P

NO. 5 ATL - TURRET & SADDLE

|                 |             |                    |          |
|-----------------|-------------|--------------------|----------|
| Saddle          | L-100775    | 76T. gear          | A-87035  |
| Turret          | L-86735     | 38T. gear          | A-87036  |
| Hyd. cyl. brkt. | (2) A-87279 | Valve stem         | A-87548  |
| End plate       | A-100779    | Bushing            | A-87549  |
| Chip guard      | A-86683     | Hyd. mtr. manifold | A-87933  |
| Wiper           | A-86950     | Stop screw roll    | A-94765  |
| Wiper cover     | A-86951     | Switch brkt.       | A-100785 |
| Shaft           | A-87044     | Index stop         | A-100788 |
| Cam plate       | A-100780    | Rear cap           | A-88146  |
| Rear cover      | A-87222     | Front cap          | B-86955  |
| Top cover       | A-87224     | Brg. closer        | B-87216  |
| Hyd. cyl. guard | (2) A-87259 | Cap gib            | B-88147  |
| Hyd. cyl. rod   | A-87261     | Gib                | B-88148  |
| Stem bracket    | A-87547     | Dog point SSS      | B-88149  |
| Scale           | A-97315     | Binder bolt        | B-88799  |
| Stop screw      | (6) B-86769 | Socket set screw   | B-88338  |
| Shim            | (9) B-87262 | Spacer             | B-89095  |
| Front cover     | A-100822    | Bushing cover      | B-94128  |
| Spacer          | B-94795     | Pivot pin          | B-100789 |
| Washer          | #1061       | Switch mount.block | B-102924 |
| Hyd. cylinder   | A-88174     | Gasket             | B-100791 |
| Stop bracket    | A-100777    | Gasket             | B-100792 |
| Switch cover    | A-100778    |                    |          |

Construction Drawings: L-88209, L-88212, L-100793, L-100794, L-100795,  
L-100796, L-100797, A-100798

5A-8-P

NO. 5 ATL - TURRET & SADDLE

|                       |          |                  |          |
|-----------------------|----------|------------------|----------|
| Kaydon brg. #KF040XPO | B-91218  | Pipe cover       | A-88851  |
| MRC brg. 203SFFG      | B-91219  | Yoke plate       | A-92645  |
| Switch bracket        | A-100776 | Plunger block    | A-100781 |
| Curvic cplg. (lower)  | A-86517  | Switch cover     | A-100782 |
| Curvic cpl.g (upper)  | A-86518  | Pin              | B-88619  |
| Yoke                  | A-86644  | Feed arrow       | B-42100  |
| Adapter               | A-86706  | Spring           | B-48009  |
| Pipe bracket          | A-92014  | Hub              | B-86687  |
| Brg. closer           | B-88049  | Cover            | B-86689  |
| Cartridge             | B-88050  | Cam              | B-86703  |
| Turret cover          | B-96655  | Coupling         | B-86707  |
| 28T. gear             | A-86684  | Bushing          | B-86996  |
| 14T. gear             | A-86685  | Bushing          | B-86997  |
| Center post           | A-86686  | 20T. gear        | B-87038  |
|                       | A-96340  | Spacer           | B-87040  |
|                       |          | Key              | B-87047  |
| Index cam             | A-87896  | Feed cam         | B-87218  |
|                       |          | Key              | B-87238  |
| Ball bushing          |          | Cam lock         | B-87317  |
| Gasket                | (2)      | Spacer           | B-87788  |
| Spacer                |          | Stop screw clamp | B-87807  |
| Bracket               |          | Clamp nut        | B-87808  |
|                       |          | Dial             | B-87890  |
|                       |          | Spring           | B-100913 |
|                       |          | Gasket           | A-100783 |
|                       |          |                  | (6)      |
|                       |          |                  | (2)      |
|                       |          |                  | (7)      |
|                       |          |                  | (5)      |
|                       |          |                  | (6)      |
|                       |          |                  | (6)      |
|                       |          |                  | (6)      |
|                       |          |                  | (7)      |

NO. 5 ATL - TURRET & SADDLE

|               |                                  |     |          |
|---------------|----------------------------------|-----|----------|
| closer        |                                  |     |          |
| Cam shaft     | A-100784                         |     |          |
| closer        | A-100786                         |     |          |
| Spacer        | A-100787                         |     |          |
| Spacer        | B-88053                          | (5) |          |
| Lock pin      | B-88054                          | (5) |          |
| Guide pin     | B-88057                          | (2) |          |
| Dog point SSS | B-88058                          |     |          |
| Oiler         | B-88150                          | (2) |          |
| Key           | B-88151                          | (2) |          |
| Brass shoe    | B-88185                          |     |          |
| Spacer        | B-89011                          | (6) |          |
| 40T. gear     | B-92255                          |     |          |
| Actuator      | B-96329                          | (7) |          |
|               | B-96332                          |     |          |
| Oiler         | B-88151                          | (3) |          |
| Washer        | #1060                            | (6) |          |
| Washer        | #2303                            |     |          |
| Plug          | #2409                            | (6) |          |
| Plug          | #2441                            |     |          |
| Brass plug    | #2397                            | (9) |          |
|               |                                  |     |          |
|               | Linear O-ring #11-011            | (2) |          |
|               | Linear O-ring #11-029            |     |          |
|               | Linear O-ring #11-124            | (4) |          |
|               | Char-Lynn gerotor                |     | B-88175  |
|               | Orbit mtr. mtg.                  |     |          |
|               | Style-4 hole flange              |     |          |
|               | Gerotor size 1 1/4"              |     |          |
|               | Tapped mtg. holes on             |     |          |
|               | Port surfaces O-ring             |     |          |
|               | Ports No.C-5-M                   |     |          |
|               | Torrington self-align.ball bush. |     | B-91210  |
|               | Series SF #10 SF 16              |     |          |
|               | Torrington Self-align.ball bush. |     | B-91211  |
|               | Series SF # 17 F 28              |     |          |
|               | Timken brg. cup #2               | (2) | B-91212  |
|               | Timken brg. cone #2              | (2) | B-91213  |
|               | McGill camroll brg.              | (2) | B-91216  |
|               | #CYR-1 1/4"                      |     |          |
|               | McGill heavy stud camroll        | (6) | B-91217  |
|               | #CFH-1-1/8"                      |     |          |
|               | Binks ball valve #72-81515       | (6) | B-102870 |
|               | MR Quad. ring seal               |     | B-94874  |
|               | Minnesota rubber                 |     |          |
|               | Micro Switch BZ-2RX1-A2          | (8) |          |
|               | Micro Switch BZ-2RX18-A2         | (6) |          |
|               | Micro Switch 914CE2-3            |     |          |

NO. 5 ATL - RECIPROFEED ATTACHMENT

|  |     |          |
|--|-----|----------|
| Switch bracket                         |     | A-100799 |
| Spring                                 | (2) | B-43713  |
| Stop nut                               |     | B-83877  |
| Rod bushing                            |     | B-83884  |
| Piston                                 |     | B-84986  |
| Shoe                                   | (2) | B-88140  |
| Cylinder cap                           |     | B-88904  |
| Cylinder mounting                      |     | B-88905  |
| Plunger block                          | (2) | A-100800 |
| Switch cover                           |     | B-100801 |
| Actuator                               |     | B-100802 |
| Spring retainer                        |     | B-100803 |
| Plunger cap                            |     | B-100824 |
| Spring                                 |     | B-100913 |
| Shoe                                   | (2) | #2279    |
| Auto-diesel-butt joint piston          |     | B-96820  |
| ring 1 1/4 dia. x 3/32 w x 1 1/16 wall |     | B-97481  |
| Diecast spring 5-031                   |     | #6145    |
| cut to 4"                              |     |          |
| Chicago rawhide                        |     |          |
| wiper ring                             |     |          |
| Micro Switch BZ-2RQ1-A2                |     |          |
| Piston rod                             |     | B-88902  |
| Cylinder                               |     | B-88903  |
| Bumper                                 | (2) | B-89235  |
| Plunger                                |     | B-103205 |

Construction Drawing: L-100804

5A-9-P

NO. 5 ATL - CROSS SLIDE & CARRIAGE

|                     |          |                         |          |
|---------------------|----------|-------------------------|----------|
| Switch bracket      | A-100901 | Actuator                | B-100909 |
| Switch mount        | A-100902 | Actuator                | B-100910 |
| Switch box          | A-100903 | Switch cam              | B-100911 |
| Switch cover        | A-100904 | Switch cam              | B-100912 |
| Gasket              | A-100905 | Spring                  | B-100913 |
| Arrow               | B-47044  | Cover                   | B-100925 |
| Cam lock            | B-87317  | Gasket                  | B-100926 |
| Retainer            | B-87325  | Bushing                 | B-100920 |
| Manifold            | B-87728  | Stop block              | B-100922 |
| Carriage gib        | B-87969  | Stop block              | B-100923 |
| Dial                | B-87977  | Screw No. 127           | C-5362   |
| Dial cap            | B-87978  | Brass shoe              | (2)      |
| Key                 | B-87979  | Lee spring LC-063J1-MW  | B-94923  |
| Thrust washer       | B-87980  | Lee spring LC-072J2-MW  | B-94924  |
| Spring housing      | B-87981  | Micro switch BZ-2RQ1-A2 | (5)      |
| Spring retainer     | B-100906 | Jergens thumb screw     | (2)      |
| Spring retainer     | B-100907 |                         |          |
| Actuator            | B-100908 |                         |          |
| Gib screw w/B-96660 | B-92284  |                         |          |
| Brass shoe          | B-92286  |                         |          |
| Nylon tip           | B-96660  |                         |          |

5A-10-P

NO. 5 ATL - CROSS SLIDE & CARRIAGE

|                    |          |                        |          |
|--------------------|----------|------------------------|----------|
| Carriage           | L-100927 | Support shaft          | B-100921 |
| Cross slide gib.   | A-103366 | Cam positioner         | B-100924 |
| Hyd. cyl. rod      | A-87983  | Bracket                | A-88106  |
| Cross slide        | L-87960  | Cyl. mount. plate      | A-87683  |
| Front bracket      | A-100914 | Cyl. mtg. plate        | A-92389  |
| Long front cap     | A-87966  | Adj. nut               | B-87676  |
| Rear cap           | A-87967  | Ext. rod               | B-87677  |
| Hyd. cylinder      | A-87982  | Ext. nut               | B-87678  |
| Splash guard       | A-89247  | Bushing                | B-87680  |
| Cyl. rod guard     | A-89571  | Rod                    | B-87681  |
| Guard cap          | A-89572  | Bushing                | B-87684  |
| Cam plate          | A-100915 | Dial                   | B-87977  |
| Stop screw         | A-100916 | Dial cap               | B-87978  |
| Stop screw         | A-100917 | Key                    | B-87979  |
| Rear bracket       | A-100918 | Tube guard             | B-88107  |
| Gib screw          | B-58815  | Adj. screw             | B-88108  |
| Cam                | B-87315  | Adj. screw cap         | B-88332  |
| Short front cap    | B-87965  | Torrington brg.        | B-91222  |
| Cap gib            | B-87968  | Torrington thrust race | B-91223  |
| Cam                | B-94916  | Plug                   | #2441    |
| Nylon tip          | B-96661  | Plug                   | #2267    |
| Stop screw guide   | B-100919 |                        |          |
| Stop screw bearing | B-103645 |                        |          |
|                    | B-103744 |                        |          |

Construction Drawings: L-100928, L-100929, L-100930, L-88105  
 Sub-Assembly: A-103743

5A-10-P

NO. 5 ATL - COOLANT PUMP

|   |         |
|---|---------|
| Pump pan  | A-98119 |
| Pump guard  | A-98120 |
| Cover   | B-98121 |
| Motor driven coolant pump                             | B-97122 |
| Model 9050- $\frac{1}{2}$ HP, 230/460V                |         |
| 3 Phase, 60 cycle, Impel. 6061-DW                     |         |
| Socket #4-S27 series ST                               |         |
| Plug #B4-T26 series ST                                |         |
| Push-loc #30182-8-8 ( $\frac{1}{2}$ x $\frac{1}{2}$ ) | (2)     |
| Hose #831-8   | (6)     |
| Swivel S2202-8-8 ( $\frac{1}{2}$ NPT)                 | (2)     |
| Apollo - ball valve                                   | B-94564 |
|   | B-94565 |
|   | B-97341 |
|   | B=94875 |

Construction Drawing: L-98131

5A-11-P



NO. 5 ATL - AUTOMATIC LUBRICATION

COMMON PARTS

Raychron C11A cycle timer, 120V B-91229  
 60HZ-2 pole, cycle time  
 1 Hr., Min setting-1 Minute  
 Allied Solenoid valve - 2 way NC B-91230  
 & NPT .125 orifice size  
 Conduit housing #20314  
 Oilrite style SFN #1768 B-95313

Bijur junction 5 way single B-3263  
 Bijur junction 3 way tee, B-3494  
 Bijur meter unit B-1085 (2)  
 Bijur meter unit B-1087  
 Bijur meter unit B-2497 (2)  
 Bijur meter unit B-2498  
 Bijur tubing clip A-2435  
 Bijur compression sleeve B-1061 (16)  
 Bijur compression nut B-1095 (4)  
 Bijur compression bushing B-1371 (9)  
 Bijur elbow adapter A-3080

Bijur junction 5 way single B-3263 (2)  
 Bijur junction 3 way tee B-3494 (3)  
 Bijur meter unit B-1085  
 Bijur compression nut B-1095  
 Bijur compression bushing B-1371 (2)  
 Bijur closure plug B-2488

Construction Drawing: L-89185, L-88536

5A-12-P

NO. 5 ATL - MOTOR DRIVE

Motor plate

A-88189

Louis-Allis

Motor shaft

A-96144

30/15 HP motor

B-102447

Frame 324 TDZ with  
B & O shaft A-96144

Sterling

30/15 HP motor  
Frame 326 UDZ

B-103026

Construction Drawings: L-88188, L-91498

5A-14-P

NO. 5 ATL - VERTICAL SLIDE

|                    |         |                           |          |
|--------------------|---------|---------------------------|----------|
| Gib                | B-87517 | Decel. valve              | B-90000  |
| Slide              | A-88134 | Check valve               | B-90001  |
| Bracket            | L-88129 | Junction box              | B-95250  |
| L.H. cap           | A-96826 | Plunger                   | B-95249  |
| R.H. cap           | A-88132 | Gasket                    | B-100891 |
| L.S. body          | A-96827 | Binks ball valve #7281111 | B-94876  |
| Manifold           | A-88135 | Stud nut                  | #847     |
| Spring             | B-45767 | Adj. nut                  | #860     |
| Key                | B-60489 | Washer                    | #2198    |
| Stop pin           | B-84867 | Micro switch BZ-2RQ1-A2   | (2)      |
| Hydraulic cylinder | B-85775 | 3 Pos.-4 way valve        | B-101077 |
| Stop block         | B-87370 | VS 12 M-3L G-68           |          |
| Adj. screw (lower) | B-87371 | PR comp. pump             | B-91345  |
| Dial marker        | B-87372 | #PVR1-6B03-RM-0-613       | B-91395  |
| Conn. strip        | B-88136 | Press. line filter        | B-91330  |
| Dog                | B-95031 | Suction filter            | B-88165  |
| Adj. screw (upper) | B-88356 | Press. gage 0-2000 PSI    | B-97422  |
| Shoe               | B-88357 | Press. comp. F.C.V.       |          |

Construction Drawings: Front & side L-100889, Top L-100890

5A-15-P

NO. 5 ATL - BAR FEED

|                    |              |                    |          |
|--------------------|--------------|--------------------|----------|
| Base               | L-103104     | Key                | B-92113  |
| Tooling stand      | L-103185     | Stop plate         | B-103052 |
| Spacer             | A-103065     | Sliding wedge      | B-103053 |
| Top bracket        | A-103066     | Backup plate       | B-103054 |
| Support arm        | A-103067     | Key                | B-103122 |
| Outlet tube        | A-103056     | Timken thrust brg. | (2)      |
| Collar gasket      | A-103057     | #T-484             |          |
| Housing gasket     | A-103058     | Parker polypak     |          |
| Anchor block       | A-103059     | Seal #25006000     |          |
| Fixed wedge        | A-103060     | Sliding member     | A-103097 |
| Cylinder extension | A-103061     | Follower plate     | A-103087 |
| Stop collar        | (2) A-103063 | Bushing            | A-103089 |
| Guide rod          | (2) A-103064 | Live cup shaft     | A-103090 |
| Cylinder cradle    | A-103068     | Live cup           | A-103091 |
| Retainer           | A-103069     | Cylinder collar    | A-103092 |
| Pivot shaft        | A-103070     | Bearing carrier    | A-103093 |
| Pivot housing      | A-103071     | Bearing retainer   | A-103094 |
| Pivot collar       | A-103072     | Barfeed cylinder   | A-103096 |
| Fitting bracket    | A-103106     | Piston             | A-103098 |
| Shim               | A-103088     | Bearing sleeve     | A-103099 |
| Stock pusher #4    | A-88538      | End cap            | A-103100 |
| Stock pusher #3    | A-97400      |                    |          |
| Stock pusher #2    | A-97401      |                    |          |
| Stock pusher #1    | A-97402      |                    |          |

Construction Drawings: L-103116, L-103117, L-103118  
 3" capacity: L-103120  
 Pneumatic circuit: A-103055  
 5" capacity: L-103119

5A-16-p

NO. 5 ATL - BAR FEED

|                         |          |                            |
|-------------------------|----------|----------------------------|
| Stock pusher #5         | A-98060  | "O" ring 1/8 x 5-3/4 I.D.  |
| Stock pusher #6         | A-98061  | CR seal #67515             |
| Stock pusher #7         | A-98062  | Truarc snap ring #5100-237 |
| Inner sleeve #1         | A-98063  | Numatics 4 way valve       |
| Inner sleeve #2         | A-98064  | #32HLD4410                 |
| Inner sleeve #3         | A-98065  | Numatics 3 way limit       |
| Inner sleeve #4         | A-98066  | valve #OMA3-1              |
| Inner sleeve #5         | A-98067  | Wilkinson regulator        |
| Inner sleeve #6         | A-98068  | 3-50 PSI #RI1-02-L00       |
| Bushing adaptor #1      | A-103162 | Gauge #RRP-49-076          |
| Bushing adaptor #2      | A-103163 | Bracket #GRP-11-006        |
| Bushing adaptor #3      | A-103164 | N.F.P.A. type MS-2         |
| Bushing adaptor #4      | A-103165 | Cylinder 2" bore 2" stk.   |
| Bushing adaptor #5      | A-103166 | Bimba cylinder             |
| Bushing adaptor #6      | A-103167 | 1 1/4" bore 5" stk. #175-D |
| Bushing adaptor #7      | A-103293 | Nupro purge valve          |
| New Departure           |          | #S-4P-4M 1/2 NPT           |
| Bearing #Z99512         |          | Nupro relief valve         |
| MRC bearing             |          | S-8CPA2-3 1/2 NPT          |
| #132-KR                 |          | Nupro deflector cap        |
| Parker Molygard         |          | #P-8CP4- CAP               |
| wear ring #W-2-6000-750 |          | Racine flow control        |
| Parker Polypak seal     |          | #FF1-SHPO-12H 1 1/2 NPT    |
| #31205375               |          | #FF1-SHPO-16H 2 NPT        |

(2)

(2)

5A-16-P

NO. 5 ATL - CROSS SLIDE TOOL RELIEF

Cyl. adj. nut  
Hannifin air cyl.  
Flexiblock - valve  
Legend plate  
#12TS115-2 toggle sw.  
Series 3000 plug  
& socket w/3/8" male NPT

B-87685  
A-87682  
B-102127  
B-102803

(2)  
(2)

Construction Drawings: L-88105, Pneumatic circuit A-102131

5A-17-P

NO. 5 ATL - CHIP CONVEYOR - MAYFRAN

|             |     |          |
|-------------|-----|----------|
| Strap       | (2) | B-90608  |
| Spring clip | (2) | B-88194  |
| Chip chute  |     | L-102251 |
| Side cover  |     | A-102252 |
| Cover       |     | A-102253 |

Mayfran chip-tote conveyor  
Ref. Dwg. #22938-A0

Construction Drawing: L-102250

5A-18-P

NO. 5 ATL - FEED RATE METER

|                                     |             |  |          |
|-------------------------------------|-------------|--|----------|
| Roller way (5 ATL)                  | A-102890    | Serv-Tek generator                           | A-102840 |
| Spring                              | (2) B-40728 | Triplet meter                                | (2)      |
| Bracket                             | A-98665     | Cyl. rod guard 5&7 rwk. A-89571              |          |
| Roller                              | (2) B-98692 | MRC bearing                                  |          |
| Spacer                              | (2) B-98693 | Potter Brumfield relay-KYPI4A11              |          |
| Roller bracket                      | (2) A-98694 | 3 PDT 10A 120V-AC                            |          |
| Generator housing                   | (2) A-98695 | Potter Brumfield #27E121 SCR term. Soc.      |          |
| Bracket                             | A-98696     | Micro. PTP 42D push button                   |          |
| Cyl. rod guard (4 ATL rwk. A-92294) | A-98697     | Micro. PTSEA212F 3 pos. sel.                 |          |
| Cyl. rod extension                  | B-99193     | Bourns 10K-3250-L-1-103                      | (3)      |
| Meter cover                         | A-97188     | Trim pot                                     |          |
| Mount. plate                        | A-102864    | DIODE #IN914 (G.E.)                          |          |
| Meter box                           | A-97189     | DIODE #IN4828 (G.E.)                         |          |
| Sel. SW plate                       | B-97187     | Micro. ITL5-1 3 pos. toggle switch on-off-on |          |

Construction Drawings: A-97190, A-98663, A-98684

5A-19-P



NO. 5 ATL - SKIP FEED

|                         |     |          |
|-------------------------|-----|----------|
| Switch bracket          |     | A-102697 |
| Skip feed tag           |     | B-88867  |
| Cam lock                | (7) | B-87317  |
| Actuator                |     | B-96332  |
| Spring                  |     | B-100913 |
| Plunger block           |     | A-102698 |
| Closer                  |     | A-102699 |
| Cam                     |     | B-102700 |
| Cam plate               |     | A-102702 |
| Micro-Switch BZ-2RQ1-A2 |     |          |
| Feed cam                | (6) | B-87218  |
| Overlay                 |     | B-103727 |

Construction Drawing: L-102701

5A-20-P

NEW ULM - 5" BAR FEED

|  |         |
|--|---------|
| New ULM bar feed w/<br>telescoping bearing carrier<br>5" x 12' lg. capacity work | B-91279 |
| Stock pusher #5  | A-98060 |
| Stock pusher #6  | A-98061 |
| Stock pusher #7  | A-98062 |
| Inner sleeve #1  | A-98063 |
| Inner sleeve #2  | A-98064 |
| Inner sleeve #3  | A-98065 |
| Inner sleeve #4  | A-98066 |
| Inner sleeve #5  | A-98067 |
| Inner sleeve #6  | A-98068 |
| Bushing adaptor #1   | A-98069 |
| Bushing adaptor #2   | A-98070 |
| Bushing adaptor #3   | A-98071 |
| Bushing adaptor #4   | A-98072 |
| Bushing adaptor #5   | A-98073 |
| Bushing adaptor #6   | A-98074 |
| Bushing #7   | A-98075 |
| Stock pusher #1  | A-97402 |
| Stock pusher #2  | A-97401 |
| Stock pusher #3  | A-97400 |
| Stock pusher #4  | A-88538 |
| Drip trough  | A-88894 |
| Drip trough brkt.  | A-88895 |
| Conoflow regulator   |         |
| Model H-10XT-H range 0-15#   |         |

Construction 5" capacity L-98076, Piping diagram A-97339

5A-21-P