



# BALKAMP Rebuilt Starter Drives

## FARM EQUIPMENT STARTER DRIVES

| YEAR    | STARTING MOTOR NOS.                 | BALKAMP NO. | YEAR    | STARTING MOTOR NOS.             | BALKAMP NO. |
|---------|-------------------------------------|-------------|---------|---------------------------------|-------------|
|         | <b>POLAND (Sprayer)</b>             |             |         | <b>THURON (Sprayer)</b>         |             |
|         | MBG-4024, MBG-4118 . . . . .        | 3-103       |         | MBG-4118 . . . . .              | 1-103       |
|         | <b>I.H. SCHULTZ (Harvester)</b>     |             |         | <b>TOPEKA HIWAY (Mower)</b>     |             |
|         | MZ-4184, MZ-4192 . . . . .          | 3-103       | 1962-65 | MDU-7023 . . . . .              | 3-593       |
|         | <b>SHAW (Light Tractor)</b>         |             |         | <b>WINDOLPH (Light Tractor)</b> |             |
| 1955-59 | MZ-4175, MZ-4184, MZ-4194 . . . . . | 3-103       | 1955-56 | MZ-4175, MZ-4184 . . . . .      | 3-103       |

## CONSTRUCTION EQUIPMENT STARTER DRIVES

|                                                |                                             |       |                                         |                                                                |       |
|------------------------------------------------|---------------------------------------------|-------|-----------------------------------------|----------------------------------------------------------------|-------|
| <b>J.D. ADAMS</b>                              |                                             |       | <b>BUFFALO - SPRINGFIELD ROLLER</b>     |                                                                |       |
| 1956-60                                        | 1113711, 1114000 . . . . .                  | 3-180 | 1940-56                                 | ML-4310, 700, 1107434, 1107454, 1107971, 1108584 . . . . .     | 3-144 |
| 1956-58                                        | 330, 440, 550 . . . . .                     | 3-177 |                                         | 737T, 739B, 1107090, 1107443, 1107070. 1108211 . . . . .       | 3-135 |
|                                                | 402, 412, 404, 511, 512, 610, 870 . . . . . | 3-152 |                                         | 1108809 . . . . .                                              | 3-140 |
|                                                | 411 . . . . .                               | 3-152 |                                         | 1109453 . . . . .                                              | 3-150 |
|                                                | Cement Mixer . . . . .                      | 3-135 |                                         | 1109456 . . . . .                                              | 3-524 |
| Misc.                                          | 30, 303 . . . . .                           | 3-135 |                                         |                                                                | 3-525 |
| Models:                                        | 201 . . . . .                               | 3-144 | <b>BURRO CRANE</b>                      |                                                                |       |
|                                                | 305 . . . . .                               | 3-135 | 1930-57                                 | MAB-4028, MAB-4085, MAB-4085A. . .                             | 3-144 |
|                                                | 311, 312, 330 . . . . .                     | 3-144 |                                         | ML-4102, ML-4154, ML-4163, ML-4180, ML-4303, ML-4318 . . . . . | 3-135 |
| <b>AUSTIN - WESTERN</b>                        |                                             |       | <b>BYERS MACHINE (Crane - Shovel)</b>   |                                                                |       |
| Badger                                         | 717 . . . . .                               | 3-160 | 1930-57                                 | 640, 724, ML-4179, ML-4186 . . . . .                           | 3-144 |
| Shovel:                                        | 736C, 1108920, 1108958 . . . . .            | 3-135 |                                         | 1107421, 5M-1119 . . . . .                                     | 3-135 |
|                                                | 779, 1108903, 1108925, 1108944. . . . .     | 3-144 |                                         | ML-4173 . . . . .                                              | 3-152 |
| Grader:                                        | 3 Wheel Elevating 77DD, 77SD, 99 . . . . .  | 3-152 | <b>CENTURY ENGINE</b>                   |                                                                |       |
|                                                | Autocart . . . . .                          | 3-144 | 1960-63                                 | MZ-4194 . . . . .                                              | 3-103 |
|                                                | Hercules Dood . . . . .                     | 3-150 | <b>DUPLEX</b>                           |                                                                |       |
|                                                | 1 HC 1-30 . . . . .                         | 3-135 | 1958                                    | MCL-6009 . . . . .                                             | 3-135 |
|                                                | PD-40 . . . . .                             | 3-152 |                                         | ML-4312 . . . . .                                              | 3-568 |
|                                                | Minn.-Moline -Z . . . . .                   | 3-135 | <b>HARNISCHFEGER</b>                    |                                                                |       |
|                                                | Waukesha 4-115, HL 578 . . . . .            | 3-152 | 1959-65                                 | MZ-4152 . . . . .                                              | 3-586 |
|                                                | 6-Gal. . . . .                              | 3-152 | 1959                                    | MZ-4051 . . . . .                                              | 3-107 |
| Motor                                          | 55 . . . . .                                | 3-144 | <b>HOUGH (Payloador)</b>                |                                                                |       |
| Grader:                                        | 66 . . . . .                                | 3-135 | Misc.                                   | MAB-4085A, 1109931 . . . . .                                   | 3-144 |
|                                                | 88, 99 JR. . . . .                          | 3-144 | Models:                                 | MAB-4106, MAS-4107, 739B . . . . .                             | 3-135 |
|                                                | 1109925 . . . . .                           | 3-135 |                                         | MZ-4063 . . . . .                                              | 3-191 |
|                                                | 88, 99 JR. . . . .                          | 3-152 | <b>JAEGER MACHINE (Mixer)</b>           |                                                                |       |
|                                                | 99, 99H, 99M . . . . .                      | 3-144 | 1955-63                                 | MCL-6131, MDL-4140, MDY-7005 . . .                             | 3-586 |
|                                                | 1109108 . . . . .                           | 3-153 | 1945-60                                 | MAJ-4040, MAY-4148, MAY-4154, MZ-4046, MZ-4140 . . . . .       | 3-191 |
|                                                | 724, 724K, 1108954. . . . .                 | 3-135 |                                         | MCL-6009 . . . . .                                             | 3-568 |
| Roller                                         | 1109155 . . . . .                           | 3-135 |                                         | ML-4301 . . . . .                                              | 3-529 |
| 5-8 Ton:                                       | 1107422, 1107926. . . . .                   | 3-144 | 1940-47                                 | MAB-4071 . . . . .                                             | 3-135 |
| 5-8 Ton Variable Wt. Tandem:                   | 1108904 . . . . .                           | 3-150 |                                         | MZ-4031, MZ-4063 . . . . .                                     | 3-191 |
|                                                | 719 . . . . .                               | 3-135 | <b>MICHIGAN POWER SHOVEL</b>            |                                                                |       |
|                                                | 1107401 . . . . .                           | 3-152 | 1936-55                                 | MAB-4005, MAB-4072A, MAX-4072 . .                              | 3-144 |
| 10 Ton:                                        | 1109108 . . . . .                           | 3-150 |                                         | ML-4180, ML-4318 . . . . .                                     | 3-135 |
| Cadet Tandem:                                  | 719, 730, 733. . . . .                      | 3-135 |                                         | ML-4322 . . . . .                                              | 3-159 |
|                                                | 1107401 . . . . .                           | 3-144 | <b>OSGOOD (Shovel - Dragline Crane)</b> |                                                                |       |
| Tractor No. 4-44.                              | 722L, 722K . . . . .                        | 3-144 |                                         | ML-4180 . . . . .                                              | 3-135 |
| <b>BAY CITY SHOVELS</b>                        |                                             |       |                                         | 560M (LN), 660M (LN), 700M (LN). . .                           | 3-152 |
| 1944-57                                        | MAB-4085A . . . . .                         | 3-135 | <b>THEW SHOVEL</b>                      |                                                                |       |
|                                                | MAS-4001, ML-4180, ML-4318 . . . . .        | 3-144 | 1940-56                                 | 1108201, 1108207 . . . . .                                     | 3-137 |
| 1936-50                                        | 412, ML-4151, MR-4104. . . . .              | 3-152 |                                         | 1108725 . . . . .                                              | 3-165 |
|                                                | 578 . . . . .                               | 3-137 |                                         | 1108907, 1108951, 1108957, 1113019. .                          | 3-135 |
| Misc.                                          | 1108207 . . . . .                           | 3-135 |                                         | 1108954 . . . . .                                              | 3-144 |
| Models:                                        | ML-4163 . . . . .                           | 3-152 |                                         | 1109150 . . . . .                                              | 3-153 |
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|                                                | MR-4113A . . . . .                          | 3-151 |                                         | 477, 494, 578, 644, 1109160 . . . . .                          | 3-160 |
|                                                | 1126M (LN) . . . . .                        | 3-191 |                                         | 737T, 1107401, 1107411, 1107413, 1107986 . . . . .             | 3-135 |
| <b>BUCYRUS ERIE (Power Shovel &amp; Drill)</b> |                                             |       |                                         | 1109153 . . . . .                                              | 3-152 |
| 1946-57                                        | MZ-4063 . . . . .                           | 3-144 |                                         |                                                                |       |
| 1937-57                                        | 412, 736B, 808M(LN), MAB-4085A . . .        | 3-135 |                                         |                                                                |       |
|                                                | 737B, 1107421, MAJ-4017. . . . .            | 3-135 |                                         |                                                                |       |