ATO77
000 Series
Two Post Surface Mounted Lifts
Capacity:
7700 lbs. (3500 kg)
1925 lbs. (875 kg) per arm

IMPORTANT: When ordering parts or requesting service always give exact model and power unit serial number. Model number is shown on nameplate attached to power unit column. Power unit serial number is located on side of power unit.

OWNERS RECORD
Complete information at right and keep in a safe place.

Date Installed

Installed in Bay #

Power Unit Serial #

Power Unit Model #

Lift Serial #

Lift Model #

NOTE: For replacement parts - See your nearest Rotary Parts Distributor.
Hydraulic Hose And Locking Latch Detail

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>M6 x 1.0 x 12mm Lg. carriage bolt, plated</td>
</tr>
<tr>
<td>2</td>
<td>M6 x 1.0 serrated flanged locknut, plated</td>
</tr>
<tr>
<td>3</td>
<td>M10 x 1.5 x 30mm Lg. carriage bolt, grade 8.8, plated</td>
</tr>
<tr>
<td>4</td>
<td>M10 x 1.5 serrated flanged locknut, plated</td>
</tr>
<tr>
<td>5</td>
<td>Hose clamp</td>
</tr>
<tr>
<td>6</td>
<td>Locking latch assembly</td>
</tr>
<tr>
<td>7</td>
<td>Lower column hole plug</td>
</tr>
<tr>
<td>8</td>
<td>Lock hole cover</td>
</tr>
<tr>
<td>9</td>
<td>Overhead hydraulic hose</td>
</tr>
<tr>
<td>10</td>
<td>Power unit hydraulic hose</td>
</tr>
<tr>
<td>11</td>
<td>M10 x 1.5 x 20mm Lg. HHCS, grade 8.8, plated</td>
</tr>
<tr>
<td>12</td>
<td>Slave Slide Cover</td>
</tr>
<tr>
<td>13</td>
<td>Locking Latch Cover</td>
</tr>
<tr>
<td>14</td>
<td>1/4&quot; Flanged Lock Nut</td>
</tr>
<tr>
<td>15</td>
<td>Cable End Bracket</td>
</tr>
<tr>
<td>16</td>
<td>Latch Cable</td>
</tr>
<tr>
<td>17</td>
<td>Cable Sheath</td>
</tr>
<tr>
<td>18</td>
<td>M6 x 12mm Phillips PHMS</td>
</tr>
<tr>
<td>19</td>
<td>Latch Release Handle</td>
</tr>
<tr>
<td>20</td>
<td>Latch Release Handle Ball</td>
</tr>
</tbody>
</table>
Overhead And Extension Detail

1. M10 x 1.5 x 20mm Lg. HHCS, grade 8.8, plated  41536
2. M10 x 1.5 serrated flanged locknut, plated  41655
3. M6 x 1.0 x 70mm Lg. HHCS, plated  41660
4. M6 x 1.0 nylock nut, plated  41664
5. Spacer  FJ7871
6. Right hand overhead  N481-1
7. Overhead switch bar
   Single Phase  N467
   Three Phase (for use with Drum Switch)  N434
8. Left hand overhead  N480-1
9. Overhead switch assembly
   Single Phase  N413
   Three Phase  N412
10. M6 x 1.0 x 20mm Lg. HHCS, plated  41413
11. M6 external tooth lockwasher, plated  41599
12. M6 x 1.0 hex nut, plated  41661
13. Overhead sheave  N377
14. 1-1/2” O.D. x .760-.770” I.D. x .045” thick machine bushing  41388
15. Truarc #5304-75 Klipring for 3/4” shaft  41411
16. Sheave shaft  FJ7444-8
17. Overhead mounting bracket  G3T-4300
18. M10 x 1.5 x 20mm Lg. carriage bolt, grade 8.8, plated  41646
20. NA  NA
21. 1/8”x1” Lg. Cotter Pin  41200
### Power Unit/Enclosure/Tool Holder Detail

<table>
<thead>
<tr>
<th></th>
<th>Description</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>M8 x 1.25 x 12mm HHCS</td>
<td>41548</td>
</tr>
<tr>
<td>2</td>
<td>M8 Flat Washer</td>
<td>41548</td>
</tr>
<tr>
<td>3</td>
<td>Power Unit Bracket</td>
<td>N763</td>
</tr>
<tr>
<td>4</td>
<td>M8 x 1.25 serrated flanged locknut, plated</td>
<td>41663</td>
</tr>
<tr>
<td>5</td>
<td>Power unit (3Ø 208-230/460V 50/60Hz.)</td>
<td>P3353</td>
</tr>
<tr>
<td></td>
<td>Power unit (1Ø 208-230V 60 Hz.)</td>
<td>P3352</td>
</tr>
<tr>
<td></td>
<td>Power unit (1Ø 208-230V 50 Hz.)</td>
<td>P3355</td>
</tr>
<tr>
<td></td>
<td>Power unit (3Ø 575V 60 Hz.)</td>
<td>P3356</td>
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<tr>
<td>6</td>
<td>M8 x 1.25 x 40mm Lg. HHCS, grade 8.8, plated</td>
<td>41662</td>
</tr>
<tr>
<td>7</td>
<td>Power unit spacer pad</td>
<td>FA965</td>
</tr>
<tr>
<td>8</td>
<td>Branch tee adapter</td>
<td>FJ7668</td>
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<tr>
<td>9</td>
<td>Tool holder</td>
<td>FA5194-1</td>
</tr>
<tr>
<td>10</td>
<td>M6 x 1.0 serrated flanged locknut, plated</td>
<td>41656</td>
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<tr>
<td>11</td>
<td>M6 x 1.0 x 16mm Lg. carriage bolt, grade 8.8, plated</td>
<td>41647</td>
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<tr>
<td>12</td>
<td>Adapter rack</td>
<td>FJ6199-1</td>
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<tr>
<td>13</td>
<td>130mm adapter</td>
<td>FJ6171-2</td>
</tr>
<tr>
<td>14</td>
<td>90mm adapter</td>
<td>FJ6171-1</td>
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<tr>
<td>15</td>
<td>3Ø Push Button Controls</td>
<td>FA9147</td>
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<tr>
<td>16</td>
<td>Wheel Spotting Dish</td>
<td>FF729</td>
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</tbody>
</table>

**FA9147 Includes items:**

- FA9147-1 3Ø Control Box Enclosure with Gasket
- FA9147-2 25 AMP Contactor, 3 Pole with 480 Volt Coil GE CR553AB3CAA
- FA9147-6 Contactor Coil DB1AB 208-240 Volt for Contactor GE CR553A
- FA9147-8 Switch Momentary Push Button with Contact Block
- FA9147-9 Cord 600 Volt 4-Wire 42” Long with Ring Terminals
- FA9147-12 550-600 Volt Coil GE Pin PB1AD for 575 Volt Lifts Only
<table>
<thead>
<tr>
<th>Column Detail</th>
<th>Details</th>
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<tbody>
<tr>
<td>1. Equalizer cables</td>
<td>G3T-2002</td>
</tr>
<tr>
<td>2. M12 X 1.75 hex nylon insert locknut, plated</td>
<td>40707</td>
</tr>
<tr>
<td>3. Column</td>
<td>G3T-1100</td>
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<tr>
<td>4. Bleeder screw (Specify manufacturer)</td>
<td>NA</td>
</tr>
<tr>
<td>5. 68&quot; Hydraulic cylinder</td>
<td>N3156</td>
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<tr>
<td>Male extension</td>
<td>N332</td>
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<tr>
<td>6. Carriage assembly</td>
<td>G3T-3100</td>
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<tr>
<td>7. NA</td>
<td>NA</td>
</tr>
<tr>
<td>8. Rear slider block</td>
<td>N1224-2</td>
</tr>
<tr>
<td>9. Sheave</td>
<td>N377</td>
</tr>
<tr>
<td>10. Truarc #5304-75 Klipring for 3/4&quot; shaft</td>
<td>41411</td>
</tr>
<tr>
<td>11. Sheave cover</td>
<td>N119-1</td>
</tr>
<tr>
<td>12. 1/4&quot; -20NC x 3/8&quot; Lg. phillips PHMS, plated</td>
<td>40063</td>
</tr>
<tr>
<td>13. Slider block shim</td>
<td>N115</td>
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<tr>
<td>14. Slider block</td>
<td>N1224-1</td>
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<tr>
<td>15. Arm restraint pawl</td>
<td>N2121</td>
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<tr>
<td>16. 1/4&quot; Dia. x 1-1/2&quot; Lg. spring pin, stainless</td>
<td>14427</td>
</tr>
<tr>
<td>17. Arm restraint spring</td>
<td>FJ7656-2</td>
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<tr>
<td>18. Actuator pin</td>
<td>N121-1</td>
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<tr>
<td>19. Actuator pin handle</td>
<td>FJ7985-1</td>
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<tr>
<td>20. Retaining ring</td>
<td>N119-3</td>
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<td>Description</td>
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<td>------------------------------------------------</td>
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<tr>
<td>1</td>
<td>Front 3-stage arm</td>
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<tr>
<td>2</td>
<td>Rear arm</td>
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<tr>
<td>3</td>
<td>Stop bolt assembly</td>
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<tr>
<td>4</td>
<td>Low profile adapter assembly</td>
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<tr>
<td>5</td>
<td>3/8” spring lockwasher, plated</td>
</tr>
<tr>
<td>6</td>
<td>3/8”-16NC x 1-1/2” HHCS, grade 8, plated</td>
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<tr>
<td>7</td>
<td>Restraint gear</td>
</tr>
<tr>
<td>8</td>
<td>Arm Pin</td>
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</table>
Shim/BumperDetail

<table>
<thead>
<tr>
<th></th>
<th>Description</th>
<th>Code</th>
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<tbody>
<tr>
<td>1</td>
<td>Upper carriage bumper</td>
<td>FA962</td>
</tr>
<tr>
<td>2</td>
<td>Column door bumper</td>
<td>FA961</td>
</tr>
<tr>
<td>3</td>
<td>Carriage gusset bumper</td>
<td>FA941</td>
</tr>
<tr>
<td>4</td>
<td>3/4” x 5 1/2” Lg. anchor bolt</td>
<td>FJ7380</td>
</tr>
<tr>
<td>5</td>
<td>U shim</td>
<td>FJ716-6</td>
</tr>
<tr>
<td>6</td>
<td>Front shim</td>
<td>FJ7659-3</td>
</tr>
</tbody>
</table>

- 1
  - Upper carriage bumper
  - FA962
- 2
  - Column door bumper
  - FA961
- 3
  - Carriage gusset bumper
  - FA941
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  - U shim
  - FJ716-6
- 6
  - Front shim
  - FJ7659-3