### LA 4500H CAPACITY V. REACH

<table>
<thead>
<tr>
<th>Model</th>
<th>Reach (in)</th>
<th>Lift (in)</th>
<th>Capacity* (lbs)</th>
<th>First Arm Length (in)</th>
<th>Second Arm Length (in)</th>
<th>Base Machine Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LA4500H-9</td>
<td>108</td>
<td>30</td>
<td>640</td>
<td>60</td>
<td>48</td>
<td>985</td>
</tr>
<tr>
<td>LA4500H-10</td>
<td>120</td>
<td>30</td>
<td>550</td>
<td>66</td>
<td>54</td>
<td>1,010</td>
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<tr>
<td>LA4500H-11</td>
<td>132</td>
<td>30</td>
<td>480</td>
<td>72</td>
<td>60</td>
<td>1,035</td>
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<tr>
<td>LA4500H-12</td>
<td>144</td>
<td>30</td>
<td>410</td>
<td>78</td>
<td>66</td>
<td>1,060</td>
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<tr>
<td>LA4500H-13</td>
<td>156</td>
<td>30</td>
<td>370</td>
<td>84</td>
<td>72</td>
<td>1,085</td>
</tr>
<tr>
<td>LA4500H-14</td>
<td>168</td>
<td>30</td>
<td>330</td>
<td>90</td>
<td>78</td>
<td>1,110</td>
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<tr>
<td>LA4500H-15</td>
<td>180</td>
<td>30</td>
<td>300</td>
<td>96</td>
<td>84</td>
<td>1,130</td>
</tr>
</tbody>
</table>

*Requires 90 psi (120 psi maximum) and 20 SCFM clean, dry air to operate at rated capacity, includes payload and end-effector.

Add SCFM consumed by any additional pneumatic equipment.

Recommended working reach is 85% of maximum reach.
24" SPACER
WEIGHT: 125 LBS

OVERHEAD SPACER
(200334454)

200334454

TROLLEY
(200428650)
WEIGHT: 420 LBS

OVERHEAD SPACER
MOUNTING PATTERN

ADJUSTABLE LEVELING JACK
CAN BE ADJUSTED UP OR DOWN TO
CHANGE THE LEVEL OF THE PEDESTAL

PEDESTAL
(200932860)
Ø27.0 B.C.

PEDESTAL LEVELING JACKS
1" ANCHOR BOLTS
(200932857)

Ø1.9 THRU

PEDESTAL MOUNTING PATTERN

PORTABLE BASE
(200206575)
WEIGHT: 6155 LBS

60.0 SQ

AIR ACCESS
3/4 NPT AIR LINE
CONNECTION

90" PEDESTAL
WEIGHT: 580 LBS

DETAIL A
SCALE 1:3

SCALE 1:16

SCALE 1:16

9.3 B.C.

7.8 B.C.

10.0 B.C.

30.0

OVERHEAD SPACER
MOUNTING PATTERN

DOWNSHAFT
MOUNTING PATTERN

SCALE: 1:24
DATE: Apr-19-2013
DRAWN BY: kps

CLASS CODE: 985
Dwg No: LODEARM® 4500H

SHT: 2 of 3
REV:

LODEARM® 4500H

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ADJUSTABLE FRICTION BRAKE

MIDDLE JOINT SHAFT LEVELING BOLTS

OPTIONAL MAIN POST STOP ADJUST TO SET WORKZONE

MIDDLE JOINT ROTATION STOP ADJUST TO SET WORKZONE

FILTER REGULATOR/ MINIMUM LIFT REGULATOR

ADJUSTABLE FRICTION BRAKE

ADJUST TO SET WORKZONE

SCALE 1 : 12

DETAIL B

LEVELING BOLTS

MIDDLE JOINT SHAFT LEVELING BOLTS

WORKZONE

ADJUST TO SET WORKZONE

SCALE 1 : 12

DETAIL C

LEVELING BOLTS

MINIMUM LIFT REGULATOR

FILTER REGULATOR/ MINIMUM LIFT REGULATOR

ADJUSTABLE FRICTION BRAKE

AIR SUPPLY 3/4 NPT STANDARD CONNECTION POINT

ROTATION STOP INSTALLATION NOTES:
1. ROTATE ARM TO STOP POSITION
2. SLIDE ROTATION STOP ONTO BRAKE DISK WITH BUMPER LOCATED AGAINST CALIPER BRAKE SUPPORT
3. TIGHTEN SET SCREWS TO SET STOP LOCATION
4. USE 3/8 TRANSFER PUNCH TO LOCATE DRILL HOLES THROUGH CENTER OF SET SCREW
5. DRILL Ø.266 HOLES THRU BRAKE DISK
6. TIGHTEN BOLTS, WASHERS, AND LOCK NUTS

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