INTRODUCTION

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The Portable Access Ladder System is designed to provide safe access and fall-protection for workers to elevated work areas such as rail cars, tankers and large platforms. The system features lightweight aircraft aluminum construction, a rugged basic winch and zinc-plated steel hardware for maximum corrosion resistance. The Portable Access Ladder adjusts with 5 ft. (1.5 m) of travel. Customize the unit for your purposes by choosing system height, platform size, wheel kit and other fall-arrest / safety options.

The Portable Access Ladder System meets the applicable requirements of the standards set out by the following:

- OSHA 1910.26 Portable metal ladders
- CSA Z11-M81 Portable ladders
- OSHA 1910.23 Guarding floor/wall openings & holes

CUSTOMIZED, ELEVATED WORK PLATFORMS PROVIDE SAFE ACCESS AND FALL PROTECTION

System shown with Pneumatic Wheels with Step Out Platform
DURABLE
- Powder coated T 6061 lightweight aircraft aluminum and steel
- Fall arrest rated anchor points for 100% tie-off

PORTABLE
- Quick assembly and positioning allows for utilization across facility
- Can be moved manually by hand

VERSATILE
- Indoor and outdoor use
- Portable or Fixed solutions available
- Multiple overhead anchor points
- Collapsible design for storage or transportation
- Adjustable handrails
- Multiple standard height options available

CUSTOM
- Custom designs available to meet your specifications

HOW TO ORDER A SYSTEM
1) Choose the ladder height suitable for your application (see page 4).

2) Accessorize your base with available options. For added stability and safety, it is recommended you add the maximum amount of counterweight bars with each ladder.

3) Choose the platform option suitable for your application. See page 6 for platform Option A. See page 7 for platform Option B.

4) Accessorize your platform with available options. See page 6 for accessories for platform Option A. See page 7 for accessories for platform Option B.

5) For custom applications please call customer service.
PORTABLE ACCESS LADDER SYSTEMS

BASE ASSEMBLY W/PNEUMATIC WHEEL KIT

The base assembly Ladder Access System with Pneumatic Wheel Kit comes with aluminum handrails and the Basic winch. This wheel kit is ideal for moving the system over uneven or all-terrain surfaces such as outdoor gravel lots, airline tarmacs and parking lots.

*Please specify platform option and accessories when ordering.

Ladder, Base, Ladder Extension c/w Pneumatic Wheels measured to the bottom of the platforms (8515126 or 8515084)

<table>
<thead>
<tr>
<th>PALS Part #</th>
<th>Shortest Overall Distance in inches</th>
<th>Shortest Vertical Distance in inches</th>
<th>Longest Vertical Distance in inches</th>
<th>Base Dimensions (L x W) in inches (meters)</th>
<th>Extra Counterweight Bar (s) Required</th>
<th>Total Weight lbs. (meters)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8517286</td>
<td>106.50 (2706)</td>
<td>163.75 (4160)</td>
<td>57” x 84” (1.45 x 2.13)</td>
<td>0.00</td>
<td>487.5 (221.5)</td>
<td></td>
</tr>
<tr>
<td>8517288</td>
<td>118.12 (3001)</td>
<td>175.37 (4455)</td>
<td>57” x 84” (1.45 x 2.13)</td>
<td>0.00</td>
<td>499.5 (227.0)</td>
<td></td>
</tr>
<tr>
<td>8517290</td>
<td>129.75 (3296)</td>
<td>187.00 (4750)</td>
<td>57” x 84” (1.45 x 2.13)</td>
<td>1.00</td>
<td>540.0 (245.5)</td>
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<tr>
<td>8517292</td>
<td>153.00 (3887)</td>
<td>210.25 (5314)</td>
<td>74” x 95” (1.88 x 2.42)</td>
<td>1.00</td>
<td>570.5 (259.5)</td>
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</tr>
<tr>
<td>8517294</td>
<td>176.25 (4477)</td>
<td>233.50 (5931)</td>
<td>74” x 95” (1.88 x 2.42)</td>
<td>2.00</td>
<td>618.5 (281.0)</td>
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</tr>
<tr>
<td>8517296</td>
<td>199.50 (5068)</td>
<td>256.75 (6522)</td>
<td>74” x 95” (1.88 x 2.42)</td>
<td>2.00</td>
<td>644.0 (293.0)</td>
<td></td>
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</table>

Measurements are subject to tolerances. Please refer to the diagrams below. Urethane Wheels available upon request.

LADDER (SIDE VIEW)    BASE (TOP VIEW)

Platform Options Available

* See above charts for dimensions.

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BASE OPTIONS

Trailer Hitch Adapter: Transport your unit easily around your facility behind a forklift or other low speed service vehicle. Specify hitch type or ball size when ordering.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>8516082</td>
<td>Trailer Hitch Adapter (shown)</td>
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</table>

Required, plus one of the following:

<table>
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<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>8513572</td>
<td>2&quot; (50.8 mm) Ball Hitch Adapter</td>
</tr>
<tr>
<td>8513636</td>
<td>1 7/8&quot; (47.6 mm) Ball Hitch Adapter</td>
</tr>
<tr>
<td>8516187</td>
<td>Pintle Hitch Adapter (shown)</td>
</tr>
</tbody>
</table>

Side Moving Wheel Kit: Give your system more mobility by adding the side moving wheel kit. The kit comes with a pair of durable urethane wheels to allow you to push the system sideways to avoid time consuming repositioning and set-up of the unit alongside a tanker, rail car, etc.

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<th>Part #</th>
<th>Description</th>
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<tbody>
<tr>
<td>8515349</td>
<td>Side Moving Wheel Kit (pair)</td>
</tr>
</tbody>
</table>
PORTABLE ACCESS LADDER SYSTEMS

54" (1.37 M) WORKING PLATFORM ASSEMBLY

The large 54" (1.37 m) working platform can be customized to allow access to elevated surfaces and can be equipped with a fall-arrest tie-off anchor for fall protection. The corner extension arms are included with the 8515084 platform.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
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<tbody>
<tr>
<td>8515084</td>
<td>54&quot; (1.37 m) Working Platform Assembly</td>
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</table>

FOR USE WITH THE 54" (1.37 M) WORKING PLATFORM ASSEMBLY (Part # 8515084)

Upper Platform Handrails: Add a pair of upper platform handrails for increased safety.

- **Part #:** 8516138  **Description:** Upper Platform Handrails

Fall Arrest Tie-off Post: This anchor point has a 1800 lbs. (816.5 kg) proof load which allows you to use SRLs, blocks and other shock absorbers with a M.A.F. rating of 900 lbs. (408.2 kg). 

*Available only with Part # 8515084.*

The post allows a worker to work outside the limitations of a guard rail cage with no obstructions (see next page for these options).

- **Part #:** 8515551  **Description:** Fall-Arrest Tie-off Post

Platform Corner Sleeve Mount w/ Adjustable Extension Arm: Customize your platform by adding a corner sleeve mount with adjustable screw legs for added stability. For use with #8515084 platform assembly (above). Requires the use of one corner extension arm (Part #: 8515085), sold separately.

- **Part #:** 8515086  **Description:** Platform Corner Sleeve Mount w/ Adjustable Extension Arm
The Step-Out Platforms feature a non-slip, high performance AS-150 safety coating to prevent slips and falls in wet or icy climates.

**STEP-OUT EXTENSION PLATFORM**

The Step-Out Platform: Ideal for simple inspection and minor maintenance tasks by providing a safe transition from the ladder to the elevated surface. Recommended for use with the 5.5 ft. (1.68 m) diameter guard rail cage.*

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>8515126</td>
<td>42” (1.07 m) Step-Out Platform</td>
</tr>
<tr>
<td>8518419</td>
<td>48” (1.22 m) Step-Out Extension Platform</td>
</tr>
</tbody>
</table>

**FOR USE WITH THE STEP-OUT PLATFORMS (Part # 8515126 AND 8518419)**

16” (.41 m) Fall Out Bar: Designed to fill the large gaps under the guard rails. The fall out bar is positionable and mounts quickly and easily onto the guardrail cage. Adjusts specifically to your application needs. Four Fall Out Bars are recommended per cage (sold separately).

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
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<tbody>
<tr>
<td>8516269</td>
<td>16” (.41 m) Fall-Out Bar Assembly</td>
</tr>
</tbody>
</table>

Custom Square Guard Rail Cages: Cages available from 5’ X 6’ (1.52 m X 1.83 m) to 6’ X 10’ (1.83 m X 3.05 m). Custom ladders may also be required to suit large cages. Please call customer service for more information.

* Custom fall out bars may be required for custom cages and/or applications. Please call customer service for more information.
COMPONENTS

1. Ladder Base Assembly (Base Unit)
   Base c/w Pneumatic Wheels

2. Platform Option A
   54" (1.37 m) Platform Assembly
   (Part # 8515084)

3. Platform Corner Sleeve
   (Part # 8515086)

4. Fall-Arrest Tie-Off Post
   (Part # 8515551) 1800 lbs. (816.5 kg)
   anchor point

5. Platform Hand Rails
   (Part # 8516138) Sold as a pair.

6. Platform Option B
   42" (1.07 m) Platform (Part # 8515126)

7. 5.5' (1.68 m) Diameter Guard Rail
   w/o Adjustable Legs, shown (Part # 8516044)
   with Adjustable Legs (Part # 8517944)

8. Accessories
   Trailer Hitch Adapter (Part # 8516082).
   Please specify Type and/or Ball Size.
   "Hitch sold separately.

9. Side Wheel Moving Kit
   (Part # 8515349)

Portable Access Ladder Systems can be customized beyond what is shown in this brochure.
Please call customer service for more information.