Trailer Products Catalog

- Landing Gear
- Kingpins
- Turntables
- Fifth Wheels
  For Converter Dollies

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Landing Gear Product Line

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<th>Static Load Capacity*</th>
<th>Lift Capacity</th>
<th>Side Load Capacity*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard</td>
<td>160,000 lbs</td>
<td>55,000 lbs</td>
<td>29,000 lbs</td>
</tr>
<tr>
<td>A400</td>
<td>170,000 lbs</td>
<td>62,500 lbs</td>
<td>33,000 lbs</td>
</tr>
<tr>
<td>Magnum 5 Year</td>
<td>170,000 lbs</td>
<td>62,500 lbs</td>
<td>33,000 lbs</td>
</tr>
<tr>
<td>A440</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Magnum 10 Year</td>
<td>200,000 lbs</td>
<td>70,000 lbs</td>
<td>33,000 lbs</td>
</tr>
<tr>
<td>A450</td>
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<td></td>
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</tr>
<tr>
<td>Heavy Duty 10 Year</td>
<td>160,000 lbs</td>
<td>50,000 lbs</td>
<td>26,000 lbs</td>
</tr>
<tr>
<td>H450</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ultralight</td>
<td>160,000 lbs</td>
<td>55,000 lbs</td>
<td>29,000 lbs</td>
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<tr>
<td>UL500</td>
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<td></td>
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</tr>
<tr>
<td>Alumilight</td>
<td>160,000 lbs</td>
<td>55,000 lbs</td>
<td>29,000 lbs</td>
</tr>
<tr>
<td>AX100</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*When properly braced on a trailer

Features
- No External Gearbox
- All Austempered Ductile Iron Gears
- Spline Shifting
- Double "D" Crank

Benefits
- Gears Protected and No Shaft Misalignment
- Gears Will Not Wear Out
- Easy Shifting
- Transfers Crank Torque Directly Into Shaft
A400 Series Landing Gear

**Design Features**

- Internal gearbox protects gears and prevents shaft misalignment.
- Cover and bushings sealed to keep moisture out.
- Double "D" style shaft allows crank force to go directly into the gearbox, not torquing the bolt.
- 10 bolt mounting pattern adds mounting rigidity.
- Reinforcing strap at the bottom of the upper housing for added strength.
- Austempered ductile iron gears will not wear out.

---

**Capacities & Ratings**

- **Maximum Static Load Rating**: 160,000 lbs
- **Rated Lift Capacity**: 55,000 lbs
- **Side Load Capacity**: 29,000 lbs per set

*When properly braced on a trailer.*

**Gear Ratio**

- **Low Gear**: 32 Turns = 1” Travel
- **High Gear**: 3.5 Turns = 1” Travel

**With 100 ft-lbs input torque.**
**Product Information**

**A400 .G.17**

**Series**
- A40

**Mounting Style**
- Gear Side Leg Only - R
- Non-Gear Side Leg Only - L

**Leg Speed**
- 14 - 14˝ Travel
- 17 - 17˝ Travel
- 19 - 19˝ Travel

**Footwear**

**Travel**
- Leave Blank To Order a Set
- Gear Side Leg Only - R
- Non-Gear Side Leg Only - L

---

**Cross Shaft**
- Length

**Example:** B10363 56.5

**Crank Handle**
- Overall Length (in)
  - Standard Inside Mount = 56.5”
  - Standard Outside Mount = 68.4”

**Note on Determining Length:**
- Inside Mount - Frame Width - 19.5”
- Outside Mount - Frame Width - 7.6”

---

**Cushion Foot**
- G
- G1
- G3
- G8

**Sand Shoe**
- T
- T2
- T1
- T3

---

**Crank Hanger**
- B10261

**Travel Dimensions**
- 9”
- 2.25˝ typ.
- 37/32˝ Dia.

**Shoe Style**

<table>
<thead>
<tr>
<th>D Travel</th>
<th>G, G1</th>
<th>T, T2</th>
<th>T3</th>
<th>T1, G3, G8</th>
<th>C Upper Hsg.</th>
</tr>
</thead>
</table>
A440 Magnum Series Landing Gear

Design Features

• Elevating screw is fully encased in a grease tube.
• Legs are completely sealed and all shafts have seals to keep moisture out.
• Double "D" style shaft allows crank force to go directly into the gearbox, not torquing the bolt.
• Gearbox is completely filled with low temperature grease.
• Austempered ductile iron gears will not wear out.
• 10 bolt mounting pattern adds mounting rigidity.
• Reinforcing strap at the bottom of the upper housing for added strength.

Capacities & Ratings

Maximum Static Load Rating*
170,000 lbs
Rated Lift Capacity**: 62,500 lbs
Side Load Capacity*: 33,000 lbs per set

*When properly braced on a trailer.
**With 100ft-lbs input torque.

5 Years Maintenance Free
**A440 .G.17**

**Series**
- A44

**Mounting Style**
- Gear Side Leg Only - R
- Non-Gear Side Leg Only - L

**Leg Speed**
- 14 - 14” Travel
- 17 - 17” Travel
- 19 - 19” Travel

**Footwear**

**Travel**
- Leave Blank To Order a Set
- Gear Side Leg Only - R
- Non-Gear Side Leg Only - L

**Cross Shaft**

- **Length**
  - Example: B10363 66.5

- **Mount Style**
  - Inside Mount - B10363
  - Outside Mount - B10066
  - Overall Length (in)
    - Standard Inside Mount = 66.5
    - Standard Outside Mount = 68.4

**Crank Hanger**

- **Length**
  - B10261

**Cushion Foot**

- G
  - 5.7”
  - 10 x 10

- G1
  - 12 x 12

- G3
  - 10 x 10

- G8
  - 12 x 12

**Sand Shoe**

- T
  - 9.5”
  - 10 x 10

- T2
  - 12 x 12

- T1
  - 10 x 10

- T3
  - 10 x 12

**Travel Dimensions**

- **D**
  - **Travel**
  - **Shoe Style**
  - **G, G1**
  - **T, T2**
  - **T3**
  - **T1, G3, G8**

<table>
<thead>
<tr>
<th>D</th>
<th>Travel</th>
<th>G, G1</th>
<th>T, T2</th>
<th>T3</th>
<th>T1, G3, G8</th>
<th>C Upper Hsg.</th>
</tr>
</thead>
<tbody>
<tr>
<td>14</td>
<td>14 1/4”</td>
<td>28 1/4”</td>
<td>28 1/4”</td>
<td>28 1/4”</td>
<td>40 1/4”</td>
<td>26 1/4”</td>
</tr>
<tr>
<td>17</td>
<td>48 1/4”</td>
<td>31 1/4”</td>
<td>31 1/4”</td>
<td>31 1/4”</td>
<td>46 1/4”</td>
<td>29 1/4”</td>
</tr>
<tr>
<td>19</td>
<td>52 1/4”</td>
<td>33 1/4”</td>
<td>52 1/4”</td>
<td>33 1/4”</td>
<td>50 1/4”</td>
<td>31 1/4”</td>
</tr>
</tbody>
</table>

**Note on Determining Length:**
- Inside Mount: Frame Width - 19.5”
- Outside Mount: Frame Width - 7.6”

**Crank Handle**

- **Sidefold**
  - From End of Input Shaft
  - Length
    - Example: C10592 - 1
  - Standard: C10592
  - Sidefold: C10591
  - **Length**
    - 1 - 5 1/4”
    - 2 - 6 1/4” (Standard)
    - 3 - 10 1/2”
    - 4 - 17 1/4”
    - 5 - 14 3/4”
A450 Magnum Series Landing Gear

Design Features

- Increased lift nut hardness to increase strength and reduce wear.
- Elevating screw is fully encased in a rechargeable powder coated grease tube.
- Legs are completely sealed and all shafts have seals to keep moisture out.
- Double "D" style shaft allows crank force to go directly into the gearbox, not torquing the bolt.
- Gearbox is completely filled with low temperature grease.
- Hole added to lower leg to access grease fitting in rechargeable grease tube.
- Replaceable cushion foot for easy repair when worn or damaged.
- Austempered ductile iron gears will not wear out.

Capacities & Ratings

Maximum Static Load Rating*
170,000 lbs

Rated Lift Capacity**:
62,500

Side Load Capacity*:
33,000 per set

*When properly braced on a trailer.
**With 100ft-lbs input torque.

Gear Ratio
Low Gear: 32 Turns = 1˝ Travel
High Gear: 3.5 Turns = 1˝ Travel

10 Year Extended Warranty
5 Years Maintenance Free
Product Information

**A450 .G.17**

**Series**
A45

**Mounting Style**
Outside Mount - 0
Inside Mount - 1

**Leg Speed**
14 - 14” Travel
17 - 17” Travel
19 - 19” Travel

**Footwear**
Leaves Blank To Order a Set
Gear Side Leg Only - R
Non-Gear Side Leg Only - L

**Travel**

<table>
<thead>
<tr>
<th>Series</th>
<th>Mount Style</th>
<th>Leg Speed</th>
<th>Footwear</th>
<th>Travel</th>
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</thead>
<tbody>
<tr>
<td>A45</td>
<td>Outside</td>
<td>14 - 14”</td>
<td>Leave Blank</td>
<td>14 - 14”</td>
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<tr>
<td></td>
<td>Inside</td>
<td>17 - 17”</td>
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<td>17 - 17”</td>
</tr>
<tr>
<td></td>
<td></td>
<td>19 - 19”</td>
<td></td>
<td>19 - 19”</td>
</tr>
</tbody>
</table>

**Crank Handle**

<table>
<thead>
<tr>
<th>Example: C10592</th>
<th>Length</th>
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</thead>
<tbody>
<tr>
<td>C10592</td>
<td>14”</td>
</tr>
</tbody>
</table>

**Crank Hanger**

<table>
<thead>
<tr>
<th>Example: B10261</th>
<th>Mount Style</th>
</tr>
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<tbody>
<tr>
<td>B10261</td>
<td>Inside Mount - 0</td>
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</table>

**Cross Shaft**

<table>
<thead>
<tr>
<th>Example: B10363</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>B10363</td>
<td>56.5”</td>
</tr>
</tbody>
</table>

**Note on Determining Length:**
Inside Mount - Frame Width - 19.5”
Outside Mount - Frame Width - 21.5”

**Travel Dimensions**

<table>
<thead>
<tr>
<th>D Travel</th>
<th>G, G1</th>
<th>T, T2</th>
<th>T3</th>
<th>T1, G3, G8</th>
<th>C Upper Housing</th>
</tr>
</thead>
<tbody>
<tr>
<td>----------</td>
<td>-------</td>
<td>-------</td>
<td>------</td>
<td>------------</td>
<td>-----------------</td>
</tr>
<tr>
<td>14</td>
<td>42 1/4”</td>
<td>28 1/4”</td>
<td>28 3/4”</td>
<td>40 1/4”</td>
<td>26 3/4”</td>
</tr>
<tr>
<td>17</td>
<td>48 1/4”</td>
<td>31 1/4”</td>
<td>48 3/4”</td>
<td>31 1/4”</td>
<td>46 1/4”</td>
</tr>
<tr>
<td>19</td>
<td>52 1/4”</td>
<td>33 1/4”</td>
<td>52 3/4”</td>
<td>33 1/4”</td>
<td>50 1/4”</td>
</tr>
</tbody>
</table>

**Cushion Foot**

<table>
<thead>
<tr>
<th>G</th>
<th>5.7”</th>
</tr>
</thead>
<tbody>
<tr>
<td>G1</td>
<td>10’x12”</td>
</tr>
<tr>
<td>G3</td>
<td>12’x12”</td>
</tr>
<tr>
<td>G8</td>
<td>2.5”</td>
</tr>
</tbody>
</table>

**Sand Shoe**

<table>
<thead>
<tr>
<th>T</th>
<th>4.5”</th>
</tr>
</thead>
<tbody>
<tr>
<td>T1</td>
<td>10’x12”</td>
</tr>
<tr>
<td>T2</td>
<td>10’x12”</td>
</tr>
<tr>
<td>T3</td>
<td>10’x12”</td>
</tr>
</tbody>
</table>

**Sidefold**

<table>
<thead>
<tr>
<th>Example: C10592</th>
<th>Length</th>
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</thead>
<tbody>
<tr>
<td>C10592</td>
<td>14”</td>
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**Standard**

<table>
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<tr>
<th>Example: C10592</th>
<th>Length</th>
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</thead>
<tbody>
<tr>
<td>C10592</td>
<td>14”</td>
</tr>
</tbody>
</table>
H450 Magnum Landing Gear

Design Features

- 10 Year Warranty
- Elevating screw is fully encased in a rechargeable powder coated grease tube.
- Legs are completely sealed and all shafts have seals to keep moisture out.
- Double "D" style shaft allows crank force to go directly into the gearbox, not torquing the bolt.
- Gearbox is completely filled with low temperature grease.
- Austempered ductile iron gears will not wear out.
- Heavy duty 2" reinforcing strap at the bottom of the upper housing for added strength.
- Welded Thrust Collar
- Heavy Duty Thrust Bearing
- Available in all shoe styles.
- Hole added to lower leg to access grease fitting in rechargeable grease tube.
- Replaceable cushion foot for easy repair when worn or damaged.

Capacities & Ratings

Maximum Static Load Rating*: 200,000 lbs
Rated Lift Capacity: 70,000 lbs
Side Load Capacity*: 33,000 lbs per set
*When properly braced on a trailer.

Gear Ratio
Low Gear: 32 Turns = 1” Travel
High Gear: 3.5 Turns = 1” Travel

10 Year Extended Warranty
5 Years Maintenance Free
H450 .G.17

Series
H45

Mounting Style

Leg Speed

Footwear

Travel

Outside Mount - 0

Inside Mount - 1

Leave Blank To Order a Set
Gear Side Leg Only - R
Non-Gear Side Leg Only - L

Cushion Foot

Sand Shoe

Cross Shaft

Example: B10363 56.5

Mount Style
Inside Mount - B10363
Outside Mount - B10066

Overall Length (in)
Standard Inside Mount = 56.5"
Standard Outside Mount = 68.4"

Note on Determining Length:
Inside Mount= Frame Width - 19.5"
Outside Mount= Frame Width - 7.6"

Crank Handle

Standard

Example: C10592.1

Length
1 - 5¼”
2 - 8¼” [Standard]
3 - 10½”
4 - 17¼”
5 - 14¾”

Sand Shoe

Example:
B10261

Standard Inside Mount = 56.5"
Standard Outside Mount = 68.4"

Travel Dimensions

Shoe Style

D Travel
G, G1
T13, T11
T30
T18, G3, G8
14 17 19

42 ¾” 28 ¾” 42 ¾” 28 ¾” 40 ¾” 26 ¾” 39 ¾” 25 ¾” 21 ½”
48 ¾” 31 ¾” 48 ¾” 31 ¾” 46 ¾” 29 ¾” 45 ¾” 28 ¾” 24 ½”
52 ¾” 33 ¾” 52 ¾” 33 ¾” 50 ¾” 31 ¾” 49 ¾” 30 ¾” 26 ½”

<table>
<thead>
<tr>
<th>D Travel</th>
<th>G, G1</th>
<th>T13, T11</th>
<th>T30</th>
<th>T18, G3, G8</th>
</tr>
</thead>
<tbody>
<tr>
<td>14</td>
<td>42 ¾”</td>
<td>28 ¾”</td>
<td>42 ¾”</td>
<td>28 ¾”</td>
</tr>
<tr>
<td>17</td>
<td>48 ¾”</td>
<td>31 ¾”</td>
<td>48 ¾”</td>
<td>31 ¾”</td>
</tr>
<tr>
<td>19</td>
<td>52 ¾”</td>
<td>33 ¾”</td>
<td>52 ¾”</td>
<td>33 ¾”</td>
</tr>
</tbody>
</table>
UL500 ULTRALIGHT Series Landing Gear

Weight Savings of at Least 27 lbs Per Set!
Same Trusted Design, New Lightweight Material

Design Features

• The same trusted gearbox.
• Legs are completely sealed to keep moisture out.
• HSLA flange material provides low weight and increased strength.
• HSLA material on both the upper and lower tube provides low weight and increased strength.
• Double "D" style shaft allows crank force to go directly into the gearbox, not torquing the bolt.
• Available as UL540 5 yr Magnum and UL550 10 yr Magnum.

Capacities & Ratings

Maximum Static Load Rating*: 160,000 lbs
Rated Lift Capacity**: 50,000
Side Load Capacity*: 26,000 per set

*When properly braced on a trailer.
**With 100ft-lbs input torque.

Gear Ratio
Low Gear: 32 Turns = 1” Travel
High Gear: 3.5 Turns = 1” Travel
## Product Information

### UL500 .G.17

<table>
<thead>
<tr>
<th>Mounting Style</th>
<th>Series</th>
<th>Grease Package</th>
<th>Leg Speed</th>
<th>Footwear</th>
<th>Travel</th>
</tr>
</thead>
<tbody>
<tr>
<td>UL5</td>
<td>Standard - 0</td>
<td>5 Year Maint. Free - 4</td>
<td>5 Year Maint. Free &amp; 10 Year Warranty - 5</td>
<td>14 - 14” Travel</td>
<td>17 - 17” Travel</td>
</tr>
<tr>
<td></td>
<td>Outside Mount - 0</td>
<td>Frame Width</td>
<td>Cross Shaft Length</td>
<td>Inside Mount - 1</td>
<td>Frame Width</td>
</tr>
</tbody>
</table>

Leave Blank To Order a Set
Gear Side Leg Only - R  
Non-Gear Side Leg Only - L

### Cushion Foot

- G
- G1
- G3
- G8

### Sand Shoe

- T
- T2
- T1
- T3

### Travel Dimensions

- C: Upper Housing
- A: Retracted
- B: Extended
- D: Travel

<table>
<thead>
<tr>
<th>D Travel</th>
<th>G, G1</th>
<th>T, T2</th>
<th>T3</th>
<th>T1, G3, G8</th>
<th>C Upper Hsg.</th>
</tr>
</thead>
<tbody>
<tr>
<td>14</td>
<td>42 ¾”</td>
<td>8 ¾”</td>
<td>42 ¾”</td>
<td>28 ¾”</td>
<td>40 ¾”</td>
</tr>
<tr>
<td>17</td>
<td>48 ¾”</td>
<td>31 ¾”</td>
<td>48 ¾”</td>
<td>31 ¾”</td>
<td>46 ¾”</td>
</tr>
<tr>
<td>19</td>
<td>52 ¾”</td>
<td>33 ¾”</td>
<td>52 ¾”</td>
<td>33 ¾”</td>
<td>50 ¼”</td>
</tr>
</tbody>
</table>

### Cross Shaft

- Length
- Example: B10363 86.6
- Mount Style
  - Inside Mount - B10363
  - Outside Mount - B10066
- Overall Length (in)
  - Standard Inside Mount = 56.5”
  - Standard Outside Mount = 68.4”

### Crank Hanger

- Length
- B10261

### Crank Handle

- Standard - 0
- Sidefold - 1
- Length
- Example: C10592.1
- Standard: C10592
- Sidefold: C10591

### Footwear

- Low Profile
- Standard

### Mount Style

- Inside Mount - Frame Width - 19.5”
- Outside Mount - Frame Width - 7.6”

### Note on Determining Length:

- Inside Mount: Frame Width - 19.5”
- Outside Mount: Frame Width - 7.6”

### Mounting Style

- Gear Side Leg Only - R
- Non-Gear Side Leg Only - L

### Shoe Style

- G, G1
- T, T2
- T3
- T1, G3, G8

### Series

- UL5

### Grease Package

- Standard - 0
- 5 Year Maint. Free - 4
- 5 Year Maint. Free & 10 Year Warranty - 5

### Leg Speed

- 14 - 14” Travel
- 17 - 17” Travel
- 19 - 19” Travel

### Length

- 1 - 5¼”
- 2 - 8¼” [Standard]
- 3 - 10½”
- 4 - 17¼”
- 5 - 14¾”
AX100 ALUMILIGHT Series Landing Gear

Aluminum Hybrid Landing Gear Series
Weight Savings of at Least 50 lbs Per Set!

Design Features

• Steel cover sealed with silicone to keep moisture out.

• Available in outside and inside mount.

• 6061-T6 extruded aluminum upper leg for durability.

• Standard JOST gear train allows easy interchangeability.

• A 3/8” x 2” reinforcing strap for superior side load strength.

• Polyester coated HSLA steel lower leg.

• All standard JOST ground members available.

• Available as AX140 5 yr Magnum and AX150 10 yr Magnum.

Capacities & Ratings

Maximum Static Load Rating*: 160,000 lbs
Rated Lift Capacity**: 55,000
Side Load Capacity*: 29,000 per set

*When properly braced on a trailer.
**With 100ft-lbs input torque.

Gear Ratio
Low Gear: 32 Turns = 1” Travel
High Gear: 3.5 Turns = 1” Travel
**Product Information**

**AX100 .G.17**

- **Series**: AX1
- **Grease Package**: Standard - 0, 5 Year Maint. Free - 4, 5 Year Maint. Free & 10 Year Warranty - 5
- **Mounting Style**: Outside Mount - 0, Inside Mount - 1
- **Leg Speed**: Leave Blank To Order a Set
- **Footwear**: Gear Side Leg Only - R, Non-Gear Side Leg Only - L
- **Travel**: 15 - 15" Travel, 17 - 17" Travel, 19 - 19" Travel

**Cross Shaft**
- **Length**: 2.75"

**Crank Hanger**
- **Example**: B10363 56.5

**Mount Style**
- **Inside Mount**
  - Overall Length (in): Standard Inside Mount = 56.5, Standard Outside Mount = 68.4
- **Outside Mount**
  - Overall Length (in): Inside Mount - B10363, Outside Mount - B10066

**Note on Determining Length:**
- Inside Mount = Frame Width - 19.5"
- Outside Mount = Frame Width - 7.6"

**Crank Handle**
- **Sidewalk**
  - From End of Input Shaft
  - Length: 1 - 5½" (Standard), 2 - 8¼" (Standard), 3 - 10½", 4 - 11¾", 5 - 14¼"
- **Standard**
  - From End of Input Shaft
  - Length: 14"

**Example**: C10592 1

**Travel Dimensions**
- **D Travel**: 9" 7.5" 2.25° typ.
- **Sand Shoe**
  - T1 3.0", 10" x 10" 18" x 12" 1.5°
- **G Cushion Foot**: G G1 G3 G8
- **Sand Shoe**: 10" x 10" 12" x 12" 10°

**Footwear**
- Gear Side Leg Only - R
- Non-Gear Side Leg Only - L

**Example**: C10592 1

**Standard - C10592**
- **Sidewalk**
  - From End of Input Shaft
  - Length: 1 - 5½" (Standard), 2 - 8¼" (Standard), 3 - 10½", 4 - 11¾", 5 - 14¼"
- **Standard**
  - From End of Input Shaft
  - Length: 14"

**Travel**
- **15 - 15" Travel**
- **17 - 17" Travel**
- **19 - 19" Travel**

**Footwear**
- **Gear Side Leg Only - R**
- **Non-Gear Side Leg Only - L**

**Cushion Foot**
- G G1 G3 G8

**Sand Shoe**
- T1 3.0", 10" x 10" 18" x 12" 1.5°

**Footwear**
- **Gear Side Leg Only - R**
- **Non-Gear Side Leg Only - L**

**Example**: C10592 1

**Standard - C10592**
- **Sidewalk**
  - From End of Input Shaft
  - Length: 1 - 5½" (Standard), 2 - 8¼" (Standard), 3 - 10½", 4 - 11¾", 5 - 14¼"
- **Standard**
  - From End of Input Shaft
  - Length: 14"
A400 Series Drop Leg

**Drop Leg Features**
- Spring assisted retraction for easy drop leg use.
- Convenient down stop prevents over extension.
- Easy twist handle allows for quick extension and retraction of the drop leg.

**Design Features**
- The same trusted gearbox.
- Continues to have all the benefits of our standard A400 series.
- Cover and bushings sealed to keep moisture out.
- 10 bolt mounting pattern adds mounting rigidity.

**Capacities & Ratings**
- Maximum Static Load Rating*: 25,000 lbs per Set
- Rated Lift Capacity**: 25,000 lbs per Set
- Side Load Capacity*: 14,000 lbs per set

*When properly braced on a trailer.
**Not to exceed 40ft lbs of torque.

**Gear Ratio**
- Low Gear: 32 Turns = 1” Travel
- High Gear: 3.5 Turns = 1” Travel

**Drop Leg Operation**
1. Rotate the handle to the released position.
2. Place foot on base plate and push to desired location.
3. Rotate the handle back to the locked position.
4. Lift foot slowly from the base plate until it automatically locks into the next hole position.

For complete operation procedures please request user's manual LT-LG01-14.
**Part Number Options**

- Set of Landing Gear: A400.DD.14
- Gear Side Leg Only: A400R.DD.14
- Non-Gear Side Leg Only: A400L.DD.14

**Cross Shaft**

Example: B10363.56.5

- Mount Style
  - Inside Mount: B10363
  - Outside Mount: B10066

- Overall Length (in)
  - Standard Inside Mount = 56.5
  - Standard Outside Mount = 68.4

**Crank Hanger**

Example: B10261

- From End of Input Shaft:
  - Standard: 2.75
  - Sidefold: 1.0

- Drop Length:
  - 14" travel
  - 11" extended

**Travel Dimensions**

- 21 7/8" upper housing
- 42 3/4" fully extended
- 53 3/4" extended
- 28 3/4" retracted

**Crank Handle**

- Standard: C10592
- Sidefold: C10591
- Length
  - 1 - 5¼"
  - 2 - 8¼" (standard)
  - 3 - 10½"
  - 4 - 17¼"
  - 5 - 14¼"
AD500 Series Landing Gear
AD500.E.25 Drop Leg

Design Features

• 25" Drop Length
• No Gearbox Needed
• 60,000 psi, minimum yield high strength low alloy steel.
• Height adjustable every 1".
• 8 bolt formed mounting flange reinforced to add mounting rigidity.
• Double reinforcing strap at the bottom of the upper housing for added strength.
• Each leg weighs only 62 lbs.

Capacities & Ratings

Load Capacity*: 20,000 lbs per leg

*When properly braced on a trailer.

Travel Dimensions

Drop Length 25"
Retracted 29.73" Extended 54.76"
Upper Housing 29.42"
Pin Assembly Part # 12195

Legs need to be ordered individually.
## Parts List for All Models

<table>
<thead>
<tr>
<th>Item</th>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Please Call Sales</td>
<td>Single Speed Upper Weldment</td>
</tr>
<tr>
<td>2</td>
<td>Please Call Sales</td>
<td>Two Speed Upper Weldment</td>
</tr>
<tr>
<td>3</td>
<td>Please Call Sales</td>
<td>Lower Leg Assembly for Cushion Foot</td>
</tr>
<tr>
<td>4</td>
<td>Please Call Sales</td>
<td>Lower Leg Assembly for Sand Shoe</td>
</tr>
<tr>
<td>5</td>
<td>A10101</td>
<td>Collar</td>
</tr>
<tr>
<td>6</td>
<td>Please Call Sales</td>
<td>Thrust Bearing</td>
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<td>7</td>
<td>Please Call Sales</td>
<td>Sand Shoe</td>
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<td>8</td>
<td>A10037.3</td>
<td>Hex Head Cap Screw</td>
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<td>10</td>
<td>B10036</td>
<td>Axe</td>
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<td>10&quot;x10&quot; Weld On Cushion Foot Replacement Kit</td>
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<td>12&quot;x12&quot; Bolt On Cushion Foot Replacement Kit</td>
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<td>Single Speed Input Gear</td>
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# Kingpin Product Line

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<tr>
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<tr>
<td>KZ AAR-X3-2.4</td>
<td>5/16&quot;</td>
</tr>
<tr>
<td>KZ AAR-X4-2.4</td>
<td>3/8&quot;</td>
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<tr>
<td>KZ AAR-X2-3.6</td>
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<tr>
<td>KZ AAR-X3-3.6</td>
<td>5/16&quot;</td>
</tr>
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<td>KZ AAR-X4-3.6</td>
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## AAR Cruciform

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<tr>
<td>KZ T3</td>
<td>5/16&quot;</td>
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<td>KZ T4</td>
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<td>KZ T5</td>
<td>1/2&quot;</td>
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<tr>
<td>KZ T6</td>
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## SAE Mushroom

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<td>3/8&quot;</td>
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<tr>
<td>KZ S5-2.9</td>
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## SAE Spool

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<tr>
<td>KZ 1007</td>
<td>1/4&quot; (7mm)</td>
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<td>KZ 1008</td>
<td>5/16&quot; (8mm)</td>
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<tr>
<td>KZ 1010</td>
<td>3/8&quot; (10mm)</td>
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<tr>
<td>KZ 1012</td>
<td>1/2&quot; (12mm)</td>
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</tbody>
</table>
AAR kingpins are suitable for OEM and aftermarket replacement. They are intended to be installed by welding, using a procedure published by the American Welding Society or other technical organization. When properly installed they will meet or exceed the performance requirements of the American Association of Railroads (AAR) standard M-931 as well as the Society of Automotive Engineers (SAE) and the Truck and Trailer Manufacturers Association (TTMA).

AAR Cruciform Style Kingpin

### Technical Specifications

- **MATERIAL –** AISI 4320H

- **HEAT TREATMENT**
  Through hardened using a quench and temper process, which produces a surface hardness of 380-420 BHN.

- **STRENGTH**
  At the above hardness the material will have an approximate 190,000 psi ultimate strength and 145,000 psi yield strength.

- **IMPACT AND WEAR RESISTANCE**
  The high nickel alloy and heat treat process provides a good balance between hardness (wear resistance) and low brittleness (good impact resistance).

- **QUALITY ASSURANCE**
  Rigid metallurgical cleanliness and quality standards including:
  - 100% Brinell Hardness testing.
  - 100% magnetic particle inspection.
  - 100% ultrasonic testing (MS105, tightened C = 0).
Cruciform Style - 4320H Steel Forging

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Bolster Plate Thickness</th>
<th>Weight</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
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<tr>
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<td>15 lbs</td>
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<tr>
<td>KZ AAR-X3-2.4</td>
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<td>15 lbs</td>
<td>1.620&quot;</td>
<td>3.074&quot;</td>
<td>3.636&quot;</td>
<td>2.44&quot;</td>
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<tr>
<td>KZ AAR-X4-2.4</td>
<td>3/8&quot;</td>
<td>15 lbs</td>
<td>1.683&quot;</td>
<td>3.137&quot;</td>
<td>3.699&quot;</td>
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<td>KZ AAR-X2-3.6</td>
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<td>18 lbs</td>
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<td>3.563&quot;</td>
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<td>3.620&quot;</td>
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<tr>
<td>KZ AAR-X4-3.6</td>
<td>3/8&quot;</td>
<td>18 lbs</td>
<td>1.683&quot;</td>
<td>3.137&quot;</td>
<td>3.699&quot;</td>
<td>3.46&quot;</td>
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</table>
SAE Mushroom Style Kingpin

SAE kingpins are suitable for OEM and aftermarket replacement. They are intended to be installed by welding, using a procedure published by the American Welding Society or other technical organization. When properly installed they will meet or exceed the performance requirements of the Society of Automotive Engineers (SAE) and the Truck and Trailer Manufacturers Association (TTMA).

Technical Specifications

- **MATERIAL** – AISI 8630H
- **HEAT TREATMENT**
  Through hardened using a quench and temper process, which produces a surface hardness of 302-363 BHN.
- **STRENGTH**
  At the above hardness the material will have an approximate 150,000 psi ultimate strength and 115,000 psi yield strength.
- **IMPACT AND WEAR RESISTANCE**
  The high nickel alloy and heat treat process provides a good balance between hardness (wear resistance) and low brittleness (good impact resistance).
- **QUALITY ASSURANCE**
  Rigid metallurgical cleanliness and quality standards including:
  - 100% Brinell Hardness testing.
  - 100% magnetic particle inspection.
  - 100% ultrasonic testing (MS105, tightened C = 0).
Mushroom Style - 8630H Steel Forging

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Bolster Plate Thickness</th>
<th>Weight</th>
</tr>
</thead>
</table>
| KZ T2       | ¼"                     | 14 lbs.
| KZ T3       | 5/16"                  | 14 lbs.
| KZ T4       | 3/8"                   | 14 lbs.
| KZ T5       | ½"                     | 14 lbs.
| KZ T6       | 5/8"                   | 14 lbs. |
SAE Spool Style Kingpin

SAE kingpins are suitable for OEM and aftermarket replacement. They are intended to be installed by welding, using a procedure published by the American Welding Society or other technical organization. When properly installed they will meet or exceed the performance requirements of the Society of Automotive Engineers (SAE) and the Truck and Trailer Manufacturers Association (TTMA).

Technical Specifications

- MATERIAL – AISI 8630H
- HEAT TREATMENT
  Through hardened using a quench and temper process, which produces a surface hardness of 302-363 BHN.
- STRENGTH
  At the above hardness the material will have an approximate 150,000 psi ultimate strength and 115,000 psi yield strength.
- IMPACT AND WEAR RESISTANCE
  The high nickel alloy and heat treat process provides a good balance between hardness (wear resistance) and low brittleness (good impact resistance).

- QUALITY ASSURANCE
  Rigid metallurgical cleanliness and quality standards including:
  - 100% Brinell Hardness testing.
  - 100% magnetic particle inspection.
  - 100% ultrasonic testing (MS105, tightened C = 0).
Spool Style - 8630H Steel Forging

<table>
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<td>2 3/4&quot;</td>
<td>18 lbs</td>
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</table>
Bolt In Style Kingpin

JOST bolt in kingpins are suitable for OEM and aftermarket replacement. Once the retention plate is installed the kingpin can be easily replaced in minutes by just removing the mounting bolts. The retention plate is intended to be incorporated into the design of the upper coupler structure similar to that of an SAE mushroom style weld in kingpin. It must be welded using a procedure published by the American Welding Society, or other technical organization.

When properly installed bolt in kingpins will meet or exceed the performance requirements of the Federal Motor Carrier Safety Regulations (FMCSR), The Society of Automotive Engineers (SAE) and the Truck and Trailer Manufacturers Association (TTMA).

Design Features

- Bolt in kingpins allow for easy and fast replacement of the kingpin, and at much less cost than weld in kingpins.

- The kingpin flange and bolts are recessed in the retention plate reducing the possibility of center loading of the fifth wheel.

- JOST kingpins are manufactured and inspected using the most stringent safety requirements.

- The retention plate is manufactured from ST-52-3 Steel (similar to ASTM A572 Grade 50).
The kingpin retention plate installation must conform to SAE and TTMA recommended practices.

Bolts must be tightened and properly torqued as described in the product information details. For safety reasons the bolts should only be tightened and torqued once. If removed they should be replaced.
Single Row Ball Bearing Turntables

Single row ball bearing turntables are for trailers and agricultural vehicles, connecting the A-frame to the trailer chassis. The turntable allows the axle to turn relative to the trailer frame transferring both the axial, and radial forces. The lower (outer) ring is bolted to the A-frame and the upper ring (inner) ring is bolted to the chassis.

Double Row Ball Bearing Turntables

Double row ball turntables guarantee optimum distribution of the axial and radial forces. This design has proven through years of different applications. Double row ball turntables are used in particular when the vehicle application requires both precision and strength in design and material.
**Product Information**

### L and N Style Turntables

**Application:**
- L Series: Farm vehicles and trailers up to 15 mph.
- N Series: Farm vehicles and trailers over 15 mph.

All load data for L and N series applies to use on paved roads in steering systems.

**Specifications:** Standard Lubrication, Undrilled

<table>
<thead>
<tr>
<th>Type</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
<th>Weight (lbs)</th>
<th>Axial Load Ton (Short)</th>
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<td>¾&quot;</td>
<td>2 ¾&quot;</td>
<td>57</td>
<td>2.81</td>
</tr>
<tr>
<td>750N</td>
<td>29 ½&quot;</td>
<td>27 ½&quot;</td>
<td>24</td>
<td>22 ¼&quot;</td>
<td>28 ½&quot;</td>
<td>23 ¼&quot;</td>
<td>¾&quot;</td>
<td>2 ¾&quot;</td>
<td>65</td>
<td>3.37</td>
</tr>
<tr>
<td>850N</td>
<td>33 ½&quot;</td>
<td>31</td>
<td>28</td>
<td>26 ½&quot;</td>
<td>32 ½&quot;</td>
<td>27 ½&quot;</td>
<td>¾&quot;</td>
<td>2 ¾&quot;</td>
<td>74</td>
<td>3.93</td>
</tr>
<tr>
<td>950N</td>
<td>37 ½&quot;</td>
<td>34 ½&quot;</td>
<td>32 ½&quot;</td>
<td>30</td>
<td>36 ½&quot;</td>
<td>31 ½&quot;</td>
<td>¾&quot;</td>
<td>2 ¾&quot;</td>
<td>82</td>
<td>4.5</td>
</tr>
</tbody>
</table>

### HE Style Turntables

**Application:**
The specified axle load relates to use where the turntable is mounted on the front axle of a trailer with three axles travelling at speeds of up to 65 mph.

On dual-axle trailers, the specified axle loads can be exceeded by 10% (20% at speeds below 18 mph).

**Specifications:** Standard Lubrication, Drilled, Primed

<table>
<thead>
<tr>
<th>Type</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
<th>Weight (lbs)</th>
<th>Axial Load Ton (Short)</th>
</tr>
</thead>
<tbody>
<tr>
<td>HE1000-22</td>
<td>39 ¾&quot;</td>
<td>39 ¾&quot;</td>
<td>34 ¾&quot;</td>
<td>33 ¾&quot;</td>
<td>37 ¾&quot;</td>
<td>38 ¾&quot;</td>
<td>¾&quot;</td>
<td>3 ¾&quot;</td>
<td>138</td>
<td>11.24</td>
</tr>
</tbody>
</table>

### DK Style Turntables

**Application:**
The specified axial load applies to vehicles travelling up to 65 mph. A 25% higher axial load is permitted for vehicles with speeds below 18 mph. Please contact JOST if the application will have off-center loads or in applications where there is more than a 360 rotation.

**Specifications:** Standard Lubrication, Drilled, Primed

<table>
<thead>
<tr>
<th>Type</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
<th>Weight (lbs)</th>
<th>Axial Load Ton (Short)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DK 90/12</td>
<td>38 ¾&quot;</td>
<td>39 ¾&quot;</td>
<td>34 ¾&quot;</td>
<td>32 ¾&quot;</td>
<td>37 ½&quot;</td>
<td>38 ½&quot;</td>
<td>¾&quot;</td>
<td>3 ¾&quot;</td>
<td>158</td>
<td>13.22</td>
</tr>
<tr>
<td>DK 90/16</td>
<td>43 ¾&quot;</td>
<td>43 ¾&quot;</td>
<td>38 ¾&quot;</td>
<td>37 ½&quot;</td>
<td>41 ½&quot;</td>
<td>42 ½&quot;</td>
<td>¾&quot;</td>
<td>3 ¾&quot;</td>
<td>180</td>
<td>17.63</td>
</tr>
</tbody>
</table>
For Your Converter Dolly

The JOST JSK37010 is ideal for use in converter dolly applications. It is specially designed to reduce damage from the kingpin in the event of a miscouple. The JSK37010 includes all the same features as the standard JSK37 series with the added protection of a drop handle and internal adjustment.

Design Features

- Drop handle to prevent kingpin damage.
- Internal adjustment to prevent kingpin damage.
- Includes all the features of the JSK37 series.
- Same jaw rebuild kit as all other JSK37 series wheels.

Maximum Vertical Rating
50,000 lbs

Maximum Horizontal Rating
150,000 lbs
Available Standard Mounts

PM Mount

XM Mount

AM Mount

DB Mount

*For ordering information and part numbers please contact customer support at 800-253-5105.

Please see our Fifth Wheel Catalog for our full line of fifth wheel products.
### History of JOST

<table>
<thead>
<tr>
<th>Year</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>1952</td>
<td>Establishment of the factory for turntables in Neu-Isenburg, Germany</td>
</tr>
<tr>
<td>1956</td>
<td>Production of fifth wheels begins at JOST</td>
</tr>
</tbody>
</table>
| 1960 | Production begins in South Africa  
Foundation of Great Britain Ltd. JOST |
| 1970 | Foundation of JOST Italia S.R.I.  
Foundation of JOST South Africa (Pty.) Ltd  
Foundation of JOST France  
Foundation of JOST Belgium NV |
| 1980 | Foundation of JOST International Corp. in Grand Haven, Michigan  
Foundation of JOST Iberica, Spain  
Foundation of Australia Pty JOST Ltd  
Production of landing gear doubles |
| 1990 | Production of landing gear begins at Jost International  
Foundation of JOST Far East Pte. Ltd  
Foundation of China JOST  
Foundation of JOST Brazil  
Foundation of Hungary  
Introduction of new product offerings for container equipment and intermodal equipment |
| 1999 | Production of fifth wheels begins in Greeneville, Tennessee  
Acquisition of the Rockinger product line of tow bars and trailer hitches in Germany  
Foundation of JOST Rus  
Acquisition of REGENSBURGER  
Acquisition of Tridec Steering Solutions  
Foundation of JOST India  
Foundation of JOST Polska |
| 2012 | Foundation of JOST Japan  
Acquisition of Edbro Hydraulic Systems |