Enerpac’s rail maintenance equipment provides work site solutions for stressing, lifting and surfacing
Index

Mechanical Track Jacks
Page 3

POW’R-CLAW Hydraulic Track Jacks
Pages 4-5

Rail Pullers
(Hydraulic and Mechanical)
Pages 6-8

Wheel Truck Jacks
Page 9

POW’R-RISER® Lifting Jacks
Pages 10-11

Accessories
Page 11
Three lightweight, easy to carry models fit all track applications

- Solid cast base and large grooved toe for stable jacking
- Heat-treated, forged components for extra strength and longer life
- Rust-proof tension spring maintains full pawl engagement

### Mechanical Track Jacks

**A Series**

- **Rated Capacity per Jack:** 15 tons
- **Stroke:** 5.25-13 inch

#### Square Drive Sockets

All models feature square drive sockets for use with 1½ inch square by 5-foot-5 inch standard railroad lining bars.

#### Quick-trip Mechanism

The Quick-trip mechanism allows the track jack to be instantly tripped while under load. Lower the load effortlessly by engaging the lifting pawl in the retaining pawl and complete one down-stroke with the lining bar. Track jacks are designed for use with standard lining bars.

#### Mechanical Track Jacks provide fast and dependable lifting.

<table>
<thead>
<tr>
<th>Capacity (ton)</th>
<th>Stroke (in)</th>
<th>Model No.</th>
<th>Description</th>
<th>Minimum Height</th>
<th>Base Area</th>
<th>Max. Handle Effort/Ton</th>
<th>Weight (lbs)</th>
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</thead>
<tbody>
<tr>
<td>15</td>
<td>5.25</td>
<td>02000</td>
<td>Mechanical Track Jack, A5</td>
<td>2.00 11.00</td>
<td>2.50 x 3.75</td>
<td>33</td>
<td>30</td>
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<td>7.75</td>
<td>02025</td>
<td>Mechanical Track Jack, A8</td>
<td>2.00 15.62</td>
<td>2.50 x 3.75</td>
<td>33</td>
<td>37</td>
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<td>15</td>
<td>13.00</td>
<td>02075</td>
<td>Mechanical Track Jack, A17</td>
<td>2.00 22.62</td>
<td>2.50 x 3.75</td>
<td>33</td>
<td>50</td>
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</table>
POW’R-CLAW Track Jacks Provide Fast, Safe Lifting

- Exclusive overload protection from load shifts
- Solid cast base provides more surface contact area, and a large grooved toe provides stable jacking
- Inverted hard chrome piston design keeps water and dirt out, extending the life of the jack
- Low handle effort allows one-man operation for lifting heavy loads
- Anti-kickback design reduces risk of injury to operator if load is inadvertently released
- All models can lift from toe or cap, ideal for spreading and jacking applications

The reservoir design on Model TJ109LS allows vertical or horizontal operation for use as lifter or spreader.

The TJ109B Bridge and Trestle Jack easily fits between double set ties. The short lever bar and low handle effort greatly reduce the risks associated with jacking from bridges and trestles. Swivel load cap allows the use of chain.

Inverted Design
Keeps water and dirt out of the jack, increasing performance and life cycle. Allows lifting from toe or cap.

Versatile Handle Design
Model TJ109LS features a pistol-grip handle for balanced carrying and fast setup.
POW’R-CLAW Hydraulic Track Jacks

Model TJ109S is shown lifting a rail maintenance car.

**TJ Series**

Rated Capacity per Jack:
**10 tons**

Stroke:
**5-9 inches**

### TJ105A

- **Cap (in):** 9.00
- **Base Area:**
  - **Base A (in):** 2.00
  - **Base C (in):** 6.00

### TJ105AX

- **Cap (in):** 9.00
- **Base Area:**
  - **Base A (in):** 3.30
  - **Base C (in):** 9.00

### TJ109LS

- **Cap (in):** 9.00
- **Base Area:**
  - **Base A (in):** 2.25
  - **Base C (in):** 6.00

### TJ109S

- **Cap (in):** 9.00
- **Base Area:**
  - **Base A (in):** 2.00
  - **Base C (in):** 6.00

### TJ109B

- **Cap (in):** 9.00
- **Base Area:**
  - **Base A (in):** 2.25
  - **Base C (in):** 9.00

<table>
<thead>
<tr>
<th>Capacity (ton)</th>
<th>Stroke (in)</th>
<th>Model No.</th>
<th>Minimum Height</th>
<th>Base Area</th>
<th>Maximum Handle Effort (lbs)</th>
<th>Weight (lbs)</th>
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<tr>
<td>10</td>
<td>5.00</td>
<td>TJ105A</td>
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<td>37</td>
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<td>TJ105AX</td>
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<td>TJ109LS</td>
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<td>41</td>
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<tr>
<td>10</td>
<td>9.00</td>
<td>TJ109S</td>
<td>2.25</td>
<td>20.30</td>
<td>90</td>
<td>58</td>
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<tr>
<td>10</td>
<td>9.00</td>
<td>TJ109B</td>
<td>2.25</td>
<td>20.30</td>
<td>90</td>
<td>54</td>
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</table>
**RP-Series, Hydraulic Rail Pullers**

- Versatile design allows for quick and easy setup for stressing rail
- Compact, alloy steel design requires no disassembly for transport or storage
- Swing Arm clamps the bracket and eliminates the need for separate jaws and wedges
- Detachable center beam, detents for opening and closing, and one handle operator controls are standard on the RPG120
- Center beam swings up on RP120BP
- Operator controls are positioned safely away from work area

---

**Rating**

<table>
<thead>
<tr>
<th></th>
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<tr>
<td>120</td>
<td>6.5</td>
<td><strong>RP120BP</strong></td>
<td>74.5</td>
<td>83.5</td>
<td>33.0</td>
<td>35.0</td>
<td>24.0</td>
<td>26.0</td>
<td>26.5</td>
<td>28.5</td>
<td>71.0</td>
<td>64.6</td>
<td>23.0</td>
<td>98.0</td>
<td>89.0</td>
<td>1160</td>
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<td><strong>RPG120</strong></td>
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<td>26.5</td>
<td>28.5</td>
<td>78.1</td>
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<td>25.5</td>
<td>105.4</td>
<td>99.4</td>
<td>1130</td>
</tr>
</tbody>
</table>

---

**RP Series**

- **Rated Pulling Capacity:** 120 tons
- **Stroke:** 6.5-15.5 inches

---

**RPG Puller Brake Kit**

Minimizes movement of the RPG120 rail puller in the event of shock load due to rail failure. Optional accessory for the RP120BP.

(A partial Kit is shown.)

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The new Enerpac RP120BP and RPG120 Rail Pullers are designed to handle all thermite welding equipment, hydraulic rail grinders and weld shears.
Hydraulic Rail Pullers

Shown: RP70 Hydraulic Rail Pullers

- Used in obstructionless or over the rail applications for stressing rail
- Provides 70 tons of pulling force, 35 tons of push force or holds the rail in neutral length during the welding process
- Ample clearance for all weld equipment, hydraulic weld shears, and rail grinders
- Operated by any 8860 psi (611 bar) power source
- Compact, lightweight pin/clevis design for easy transport and setup in remote applications
- Swing Arm clamps the bracket and eliminates the need for separate jaws and wedges

**RP Series**

**Rated Pulling/Pushing Capacity:**

70/35 tons

**Stroke:**

8.00 inches

The Enerpac Rail Puller is designed to adjust the gap between rail ends for rail stressing, rail welding, repairing rail failures and servicing insulators.

**Portability**

Lightweight, easy to assemble components simplify transport and handling. Ideal for remote locations.

**Power Pump**

The recommended power source for the RP70 is the Enerpac PGHM5042E, delivering 8860 psi (611 bar) for extreme force rail stressing.

- **Capacity**
  - Pull (ton): 70
  - Push (ton): 35

- **Stroke**
  - (in): 8.0

- **Model No.**
  - RP70

- **Dimensions**
  - A (in): 109.8
  - B (in): 117.0
  - C (in): 35.4
  - D (in): 12.8

- **Weight (lbs)*** 547
Enerpac mechanical rail pullers/expanders fit all standard rail where dimension "A" is 3.25" (82.5 mm) or larger.

**550 Series**

Rated Capacity: 30 tons

- Easily operated by one person
- Square socket design uses standard railroad lining bar*
- Alloy steel, heat treated U-bar is designed to fit rail web and be obstructionless when the lever socket is downward to allow for active service

*1.5" (38,1 mm) square X 66" (1676,4 mm) long

### Stud Kit

Adapts mechanical rail pullers/expanders to various rail drillings. Kits include four square nuts, two bolts, two stud pins, and two studs. Ordered separately, see numbers below.

### Capacity Table

<table>
<thead>
<tr>
<th>Capacity (ton)</th>
<th>Model No.</th>
<th>Description</th>
<th>Travel (in)</th>
<th>Stud Diameter (in)</th>
<th>Optional Stud Kit No.</th>
<th>Weight (lbs)</th>
<th>Handle Effort / Ton (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>30</td>
<td>02326</td>
<td>Mechanical Rail Puller, 1-inch, 550A</td>
<td>4.5-8</td>
<td>1.00</td>
<td>18602</td>
<td>87</td>
<td>7.5</td>
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<td></td>
<td>02327</td>
<td>Mechanical Rail Puller, 1.12-inch, 550A</td>
<td>1.12</td>
<td>18603</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*1.5" (38,1 mm) square X 66" (1676,4 mm) long
WJ-Series, Hydraulic Wheel Truck Jacks

- Used for track side emergency rail car repair
- Uses existing outboard low pressure hydraulics, delivering 4250 psi for 60 ton lifting
- Long handles swing down for easy transport and jack positioning
- SUP’R-STACK™ extensions for lifting every style of car

**WJ Series**

**Rated Capacity per Jack:**
60 tons

**Stroke:**
5.50 & 16.20 inches

---

**Extensions**
SUP’R-STACK™ extensions for lifting every style of car.

**Stacking Extensions**
Any two extensions may be stacked for railcar lifting.
For loads over 60 tons or strokes over 14" (355.6 mm) only one extension and one spacer can be used.

---

### Dimensions shown in inches.

<table>
<thead>
<tr>
<th>Capacity (tons)</th>
<th>Stroke (in)</th>
<th>Model No.</th>
<th>Minimum Height (in)</th>
<th>Extended Height (in)</th>
<th>Effective Area (in²)</th>
<th>Oil Capacity Required (in³)</th>
<th>Maximum Operating Pressure at Capacity (psi)</th>
<th>Weight (lbs)</th>
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</thead>
<tbody>
<tr>
<td>60</td>
<td>16.17</td>
<td>WJ60</td>
<td>25.35</td>
<td>41.52</td>
<td>28.27</td>
<td>202</td>
<td>4,250</td>
<td>185</td>
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<tr>
<td>60</td>
<td>5.50</td>
<td>WJ60S</td>
<td>12.00</td>
<td>17.50</td>
<td>28.27</td>
<td>69</td>
<td>4,250</td>
<td>88</td>
</tr>
</tbody>
</table>
PR-Series, POW’R-RISER Lifting Jack

- 60, 100, 150 and 200-ton capacities with pneumatic or electric pumps for the toughest jobs
- 4" ground clearance for transport over rail and rough terrain
- Three position handle provides easy tilt back and transport
- Complies with ASME/ANSI B30.1 specifications
- Easy to change external filter minimizes down time
- Rugged, fully enclosed 24" wide frame with no exposed fittings or hoses
- SUP-R-STACK™ Extension System allows lifting at all heights without blocking

Versatility for rail maintenance. One jack for all cars from Intermodal to High Hopper with 28 heights in between.

<table>
<thead>
<tr>
<th>Capacity (ton)</th>
<th>Stroke (in)</th>
<th>Electric Pump Model Number</th>
<th>Weight (lbs)</th>
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<tbody>
<tr>
<td>60</td>
<td>14</td>
<td>PREMB06014L</td>
<td>390</td>
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<tr>
<td></td>
<td>27</td>
<td>PREMB06027L</td>
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<td>200</td>
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<tr>
<td></td>
<td>26.5</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

(60-ton not available in Canada. Contact Enerpac.)

Standard 12’ pendant cord for air driven units with pneumatic valves and 20’ pendant cord for electric driven units keeps operator away from the load.

Shown: PRASA10027L and accessory Locking U-Rings

Safe, Efficient, Mobile Load Lifting

www.enerpac.com
**SUP-R-STACK™ Extensions**
Increase useful height from 5" to 18".

**Spacers**
Fine tune your Extension stack height.

### PRASA Series

#### Rated Lifting Capacity:
60-200 tons

#### Stroke:
14-27 inches

#### Maximum Operating Pressure:
10,000 psi

---

**WARNING!**

- **Extensions**: Any two Extensions may be stacked for loads up to 60 tons. For loads over 60 tons or strokes over 14" only one Extension and one Spacer can be used.
- **Spacers**: Never exceed 3" in total Spacer height.

---

**For power source, the following characters should be inserted in the 5th space of the model number.**

**Ordering Example:**
Model No. PREMIO6014L is a 14" stroke, 60 ton model, with a manual valve and a 208-240 VAC, 1-ph electric motor.

- **A** Air Pump, 50 scfm, 80 psi
- **B** 115 VAC, 1-ph., 50-60 Hz, 20 A
- **C** 208-240 VAC, 1-ph., 50-60 Hz, USA Plug, 10 A
- **D** 208-240 VAC, 1-ph., 50-60 Hz, USA Plug, 10 A
- **E** 208-415 VAC, 3-ph., 50-60 Hz
- **F** 380-415 VAC, 3-ph., 50-60 Hz
- **G** 380-415 VAC, 3-ph., 50-60 Hz
- **H** 440-480 VAC, 3-ph., 50-60 Hz
- **I** 440-480 VAC, 3-ph., 50-60 Hz
- **J** 575 VAC, 3-ph., 50-60 Hz
- **K** 440-480 VAC, 3-ph., 50-60 Hz
- **L** 575 VAC, 3-ph., 50-60 Hz

---

* Based on one 18" Extension and one 3" Spacer.
** Based on one 18" Extension and one 3" Spacer.
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