

▼ Shown: **RAT-4676**



Position Rail Safely and Effectively



V-Base Attachment

Provides a secure connection on the base of the rail.

Order replacement number:
A-15



Flat Base

Provides a solid load footing for tool stability.

Order replacement number:
A-14

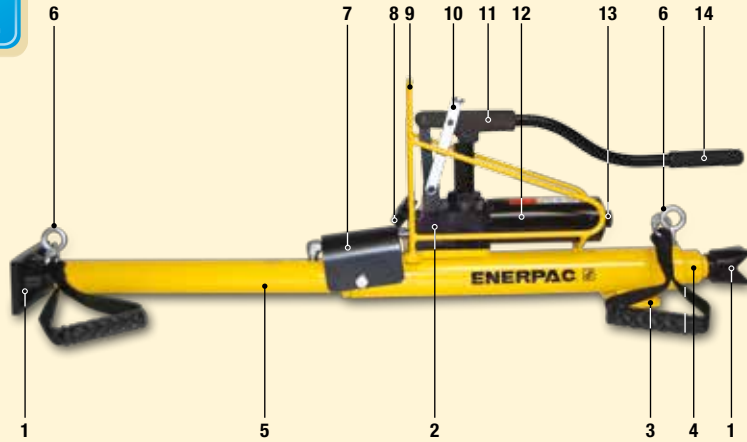


Only use attachments recommended by Enerpac. Non-Enerpac attachments can potentially create unsafe conditions.

- **Totally self-contained, turn key tool that positions and aligns underground track**
- **Integrated ACME extension screw for longer reach and fast setup**
- **Bladder design reservoir allows for usage in any position**
- **Cylinder has large bearing surfaces and internal spring for fast retraction**
- **High output of oil per handle stroke**
- **High pressure relief valve for overload protection and safety**
- **Roll cage protects the hydraulic pump**
- **Multiple positioning points for ease of use and transport**



◀ *RAT-4676 effectively positions track to prevent motor car deraiment issues in an underground application.*



- 1 **Replacement End Styles**
- 2 **Internal HP Safety Relief** prevents overload mishaps
- 3 **Rear Foot** for added stability
- 4 **ACME Screw** allows for quick extension
- 5 **Heavy Duty Piston and Bearing System** to withstand the toughest environments
- 6 **Two Eyebolts and Two Handle Straps** are included for ease of transport
- 7 **Hydraulic Line** is protected by steel guard
- 8 **Inline Release knob** for added protection
- 9 **Roll Cage** for added protection to the pump unit
- 10 **Handle Lock Latch System** simplifies transport
- 11 **High Flow Output to Handle Stroke** ratio
- 12 **Bladder designed reservoir** works in any position
- 13 **Large Oil Fill**
- 14 **Ergonomic Handle Design**

RAT Series



Rated Push Capacity:

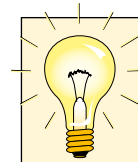
5 tons

Collapsed Length:

46 inches

Maximum Tool Extension:

76 inches

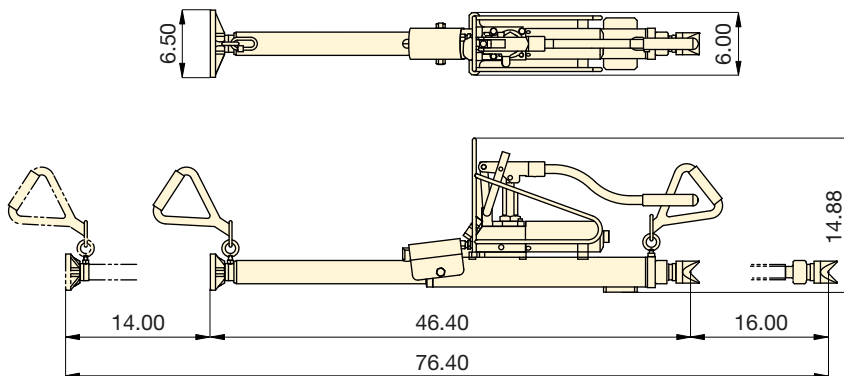


Optional End Styles

Refer to the E327 catalog MS Series Maintenance Sets for a wide selection of choices. Accepts any end style with 1¼" - 11½" NPT thread.

| End Styles | | | |
|--------------|------------|---------------|-----------------|
| | Wedge Head | Spreader Head | Serrated Saddle |
| Model Number | A-129 | A-305 | A-18 |

Dimensions shown in inches



▼ SELECTION CHART

| Rated Push Capacity | Model Number | Collapsed Length | Max. Tool Extension | Cylinder Stroke | Screw Extension | Handle Straps | Weight |
|---------------------|-----------------|------------------|---------------------|-----------------|-----------------|---------------|--------|
| (ton) | | (in) | (in) | (in) | (in) | | (lbs) |
| 5 | RAT-4676 | 46.40 | 76.40 | 14 | 16 | 2 | 70 |

WJ-Series, Hydraulic Wheel Truck Jacks

▼ Shown: WJ60



WJ Series

Rated Capacity per Jack:

60 tons

Stroke:

5.50 & 16.20 inches

- 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



Extensions

SUP'R-STACK™ extensions for lifting every style of car.

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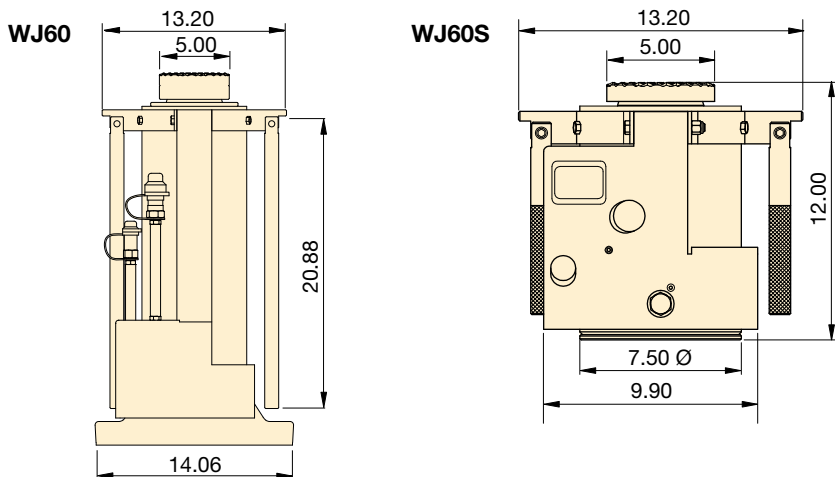


Stacking Extensions

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.



| Capacity (ton) | Stroke (in) | Model No. | Minimum Height (in) | Extended Height (in) | Effective Area (in ²) | Oil Capacity Required (in ³) | Maximum Operating Pressure at Capacity (psi) | Weight (lbs) |
|-------------------|----------------|-----------|------------------------|-------------------------|--------------------------------------|---------------------------------------------|-------------------------------------------------|-----------------|
| 60 | 16.17 | WJ60 | 25.35 | 41.52 | 28.27 | 202 | 4,250 | 185 |
| | 5.50 | WJ60S | 12.00 | 17.50 | 28.27 | 69 | 4,250 | 88 |

▼ Shown: TJ109LS, TJ109S, TJ109B



POW'R-CLAW Track Jacks Provide Fast, Safe Lifting



Ideal for tough lifting applications; such as frogs, turn-outs, diamonds and concrete tie sections.



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 **TJ105LS** and **TJ109LS** features a pistol-grip handle for balanced carrying and fast setup.

- 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 **TJ105LS** and **TJ109LS** allows vertical or horizontal operation for use as lifter or spreader.



POW'R-CLAW Hydraulic Track Jacks

▼ Model TJ109S is shown lifting a rail maintenance car.



TJ Series



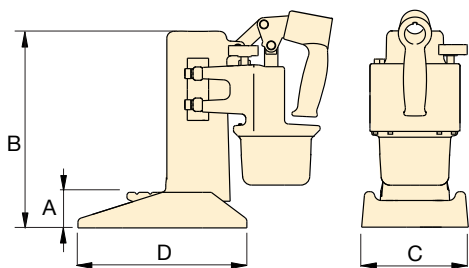
Rated Capacity per Jack:

10 tons

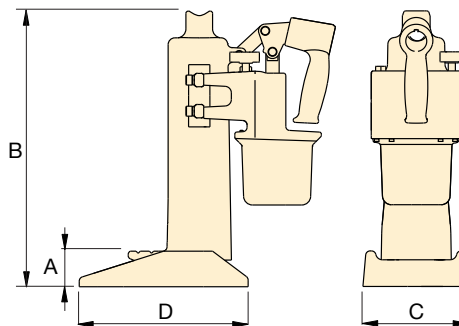
Stroke:

4-9 inches

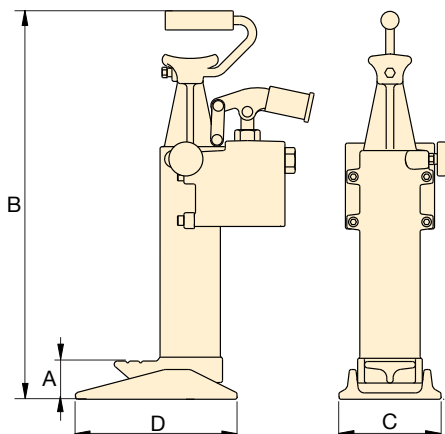
TJ105LS*



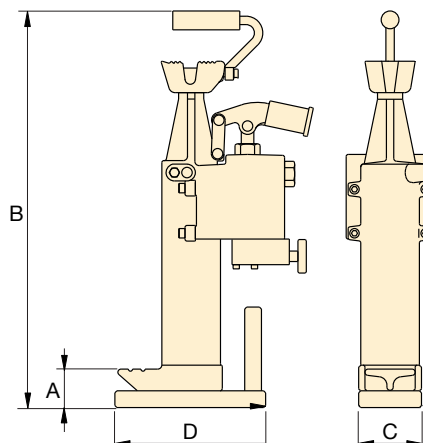
TJ109LS



TJ109S



TJ109B



| Capacity (ton) | Stroke (in) | Model No. | Minimum Height | | Base Area | | Maximum Handle Effort (lbs) | Weight (lbs) |
|-------------------|----------------|--------------|------------------|------------------|-----------|-----------|-----------------------------------|-----------------|
| | | | Toe A (in) | Cap B (in) | C (in) | D (in) | | |
| 10 | 4.00 | TJ105LS* | 2.00 | 9.25 | 6.00 | 9.50 | 90 | 36 |
| 10 | 9.00 | TJ109LS | 2.00 | 15.50 | 6.00 | 9.50 | 90 | 41 |
| 10 | 9.00 | TJ109S | 2.25 | 20.30 | 6.00 | 9.00 | 90 | 58 |
| 10 | 9.00 | TJ109B | 2.25 | 20.30 | 3.75 | 9.00 | 90 | 54 |

*TJ105LSTK, Toe Extension Kit, must be used with TJ105LS. When the toe extension is installed, the minimum toe height is increased by 1.7 inches. This additional height allows the jack to remain positioned under the base of the rail while traffic passes overhead.

Mechanical Track Jacks

▼ Shown: 02025 (A8), 02000 (A5) and 02075 (A17)



- 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

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.



| Capacity (ton) | Stroke (in) | Model No. | Description | Minimum Height (in) | | Base Area (in) | Max. Handle Effort/Ton (lbs) | Weight (lbs) |
|-------------------|----------------|-----------|----------------------------|------------------------|-------|-------------------|---------------------------------|-----------------|
| | | | | Toe | Cap | | | |
| 15 | 5.25 | 02000 | Mechanical Track Jack, A5 | 2.00 | 11.00 | 6.5 x 10.0 | 33 | 30 |
| 15 | 7.75 | 02025 | Mechanical Track Jack, A8 | 2.00 | 15.62 | 6.5 x 11.0 | 33 | 37 |
| 15 | 13.00 | 02075 | Mechanical Track Jack, A17 | 2.00 | 22.62 | 6.5 x 11.0 | 33 | 50 |

▼ Shown: RTJ-109



Increase Safety and Control with Remote Operation



Swing Down Handle

Convenient swing down carrying handle allows easy handling & positioning.



Grooved Toe

Large base and grooved surface for better engagement.



Heavy Duty Foot Plate

Provides a solid footing for pump stability.



Flow Control/Coupler

In-line and recessed within skid plate footprint for added protection.

- Turnkey system kit for remote jacking operation and lifting
- Standard guards protect the coupler from damage
- Full rated capacity at toe or head points
- Large solid base provides greater stability on soft ground
- Works in horizontal, angular or vertical positions
- Low user effort with optimized flow per handle stroke
- Polarized quick connect couplers, nylon sleeved hoses for added protection

▼ RTJ109 has the unique combination of providing safety, versatility and durability even in the harshest conditions.



Remote Toe Jack Kit



- 1 **Pressure Release Knob** for maximum lowering control
- 2 **Internal HP Safety Relief** prevents overload mishaps
- 3 **Handle Lock** keeps handle in latch position during transport
- 4 **High Flow Pump** for fast setup
- 5 **Fill Port** with protection pressure overload
- 6 **Heavy Duty Foot Plate** for added stability
- 7 **Quick Connect High Flow Couplers** for fast setup at connection points
- 8 **Swing Down Handle** for ease of transport
- 9 **Internal Spring** for assisted retraction
- 10 **Large Base** provides safety and stability when on soft terrain
- 11 **Two ten-foot Hoses** with polarized couplers provides versatility

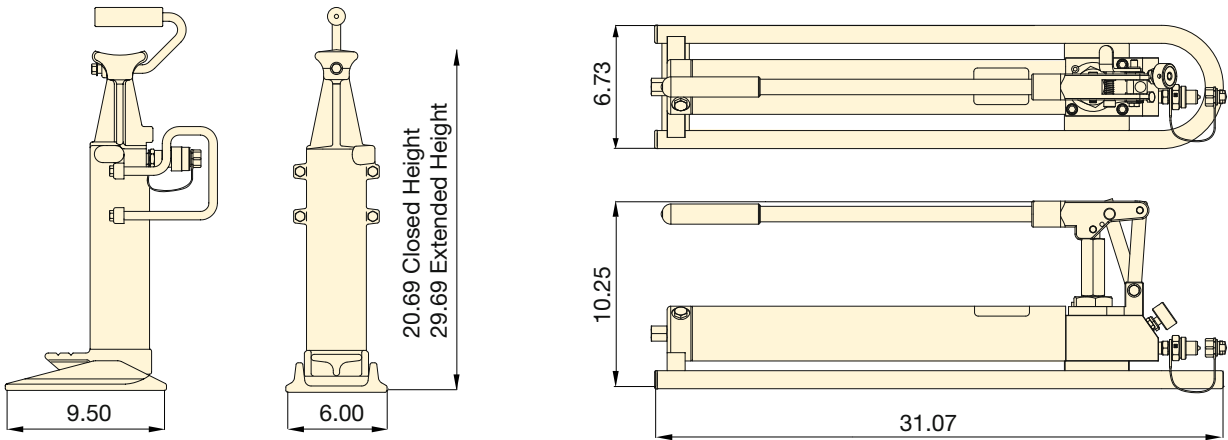
RTJ Series



Capacity:
10 tons

Collapsed Length:
20.69 inches

Stroke:
9 inches



▼ SELECTION CHART

| Toe Jack Rated Capacity (tons) | Model Number | Toe Jack Collapsed Length (in) | Toe Jack Stroke (in) | Hand Pump Volume per Stroke (cu.in.) | 10 Foot Polarized Hoses | Maximum Handle Effort / Stroke (lbs) | Kit Weight (lb) |
|--------------------------------|--------------|--------------------------------|----------------------|--------------------------------------|-------------------------|--------------------------------------|-----------------|
| 10 | RTJ109KIT | 20.69 | 9 | .53 | 2 | 116 | 90 |