▼ Shown: **RAT-4676**



Position Rail Safely and Effectively

- **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**



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.

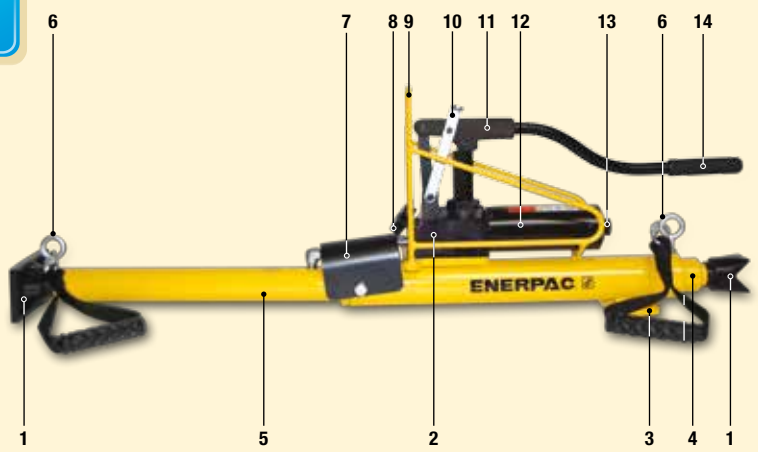
Order replacement number:
A-14



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



◀ *RAT-4676 effectively positions track to prevent motor car derailment 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

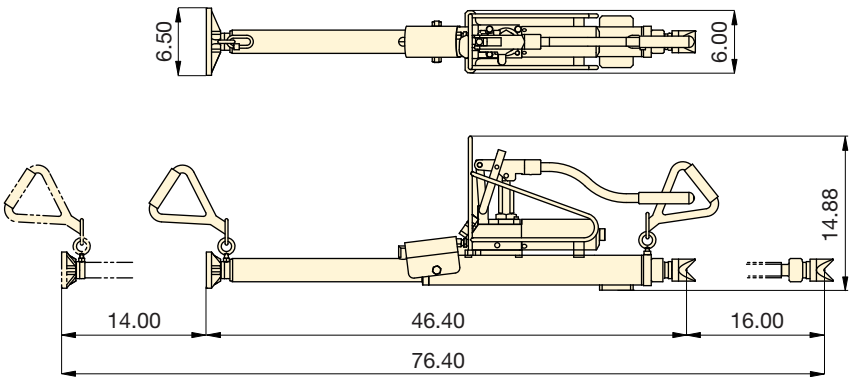
Maximum Tool Extension:
76 inches

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 (ton)	Model Number	Collapsed Length (in)	Max. Tool Extension (in)	Cylinder Stroke (in)	Screw Extension (in)	Handle Straps	Weight (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.

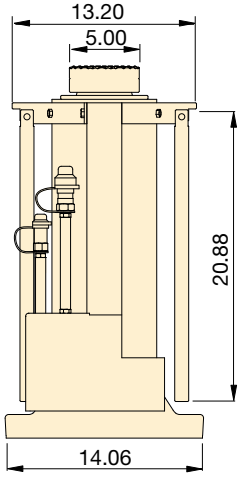
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Stacking Extensions
Any two extensions may be stacked for railcar lifting.

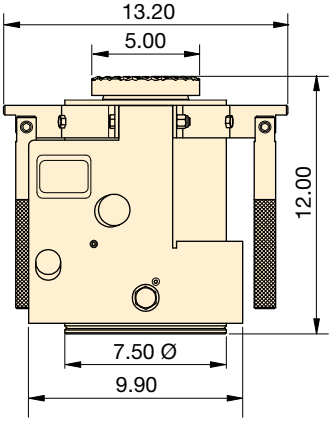
For loads over 60 tons or strokes over 14" (355,6 mm) only one extension and one spacer can be used.

Dimensions shown in inches.

WJ60



WJ60S



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

- **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**

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.

▼ *The reservoir design on Model TJ105LS and TJ109LS allows vertical or horizontal operation for use as lifter or spreader.*





▼ *Model TJ109S is shown lifting a rail maintenance car.*



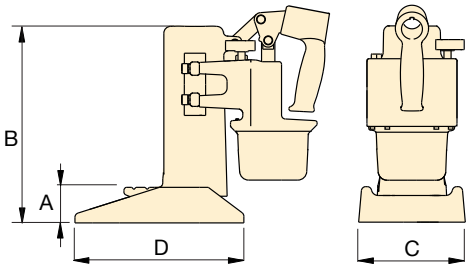
TJ Series



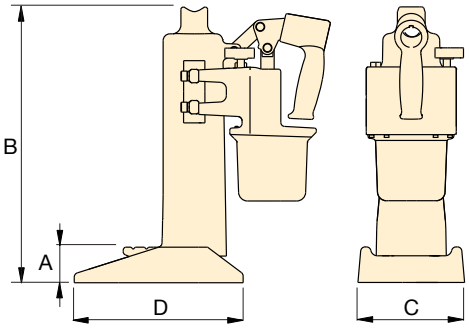
Rated Capacity per Jack:
10 tons

Stroke:
4-9 inches

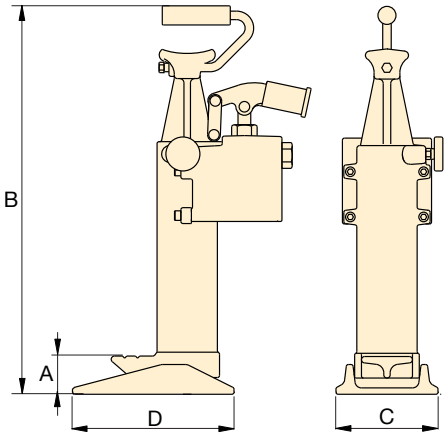
TJ105LS*



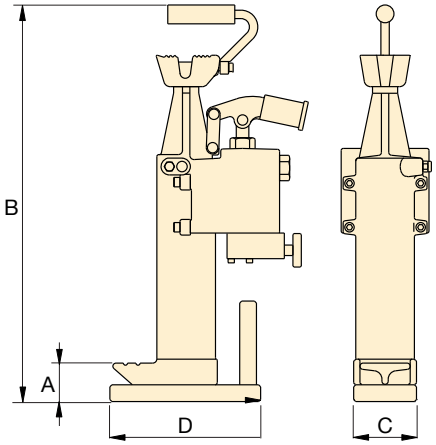
TJ109LS



TJ109S



TJ109B



Capacity (ton)	Stroke (in)	Model No.	Minimum Height Toe A (in)	Minimum Height Cap B (in)	Base Area C (in)	Base Area D (in)	Maximum Handle Effort (lbs)	Weight (lbs)
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)**



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.

- **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 provide fast and dependable lifting.*



Capacity (ton)	Stroke (in)	Model No.	Description	Minimum Height (in) Toe	Minimum Height (in) Cap	Base Area (in)	Max. Handle Effort/Ton (lbs)	Weight (lbs)
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**



- **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.*



Increase Safety and Control with Remote Operation



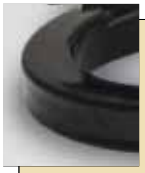
Swing Down Handle

Convenient swing down carrying handle allows easy handling & positioning.



Grooved Toe

Large base and grooved surface for better engagement.



Heavy Duty Foot Plate

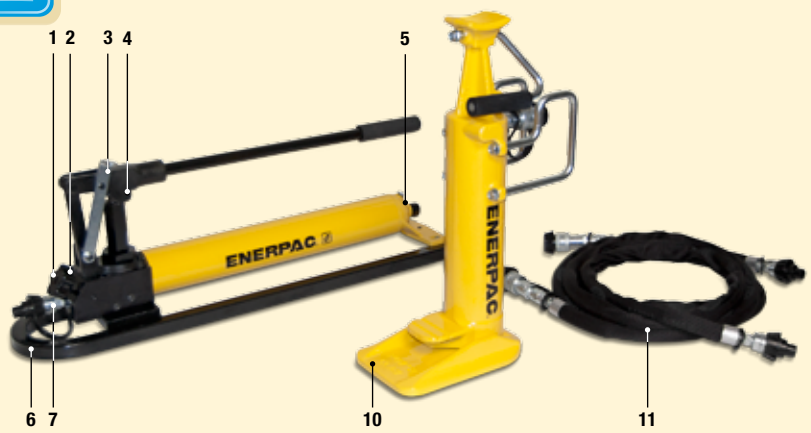
Provides a solid footing for pump stability.



Flow Control/Coupler

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

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 postition during transport
4 **High Flow Pump** for fast setup
5 **Fill Port** twith protection pressure overload
6 **Heavy Duty Foot Plate** for added stability
7 **Quick Connect High Flow Couplers** for fast setup at connetion 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

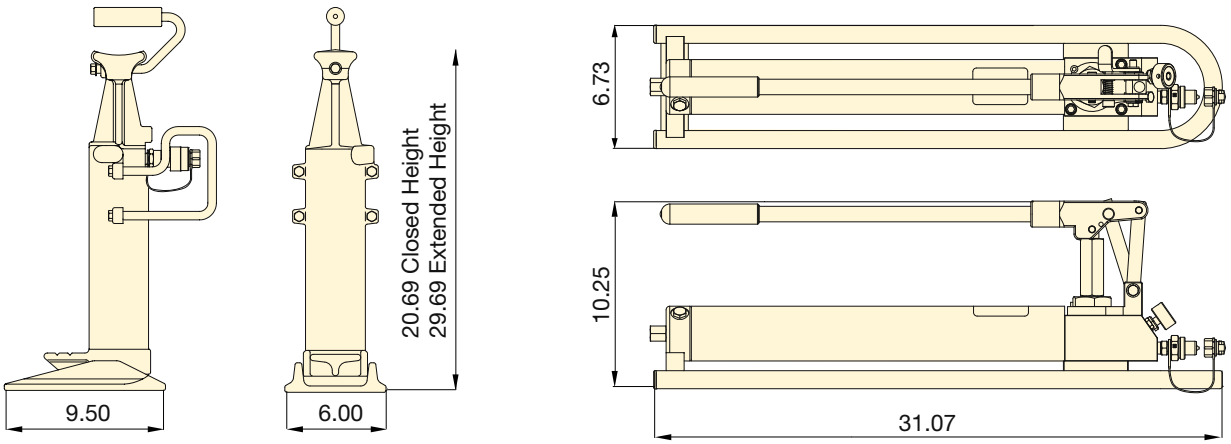
RTJ Series



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