

▼ RP70A2L, Hydraulic Rail Stressor with undermount components.



- Modular 70 tons stressor and holds the rail in neutral length during the welding process
- Easy to assemble in less than 2 minutes
- Designed with new aluminum lightweight cylinders including protection sleeves over the rods to extend durability
- RP70A2L is supplied with a standard under-mount bracket assembly, enabling installation below the rail profile and maintaining clearance for service vehicle cross-traffic through the work zone.
- RP70A2L is equipped with a 14.94 inches cylinder stroke, versus 8.07 inches on the RP70A2, providing 6.87 inches of additional linear travel for applications requiring greater displacement or setup range.
- RP70A2 is not supplied with the under-mount bracket as standard; however, it is compatible with the optional under-mount kit for installations requiring below-rail mounting geometry.

▼ Complete system with RP70A2L Hydraulic Rail Stressor.



Lightweight & Modular Rail Stressing Systems



RP70A2 and RP70A2L Rail Stressors

The Enerpac RP70A2-Series are lightweight rail stressing kits for railway maintenance crews who assemble and install the rail puller directly on site.

The durable, easy-to-assemble components, are lighter than similar tools.

Modular 70 tons stressors hold the rail in neutral length during the welding process.

The less physically demanding RP70A2-Series are compatible with the cordless Enerpac ZC3-Series pump for a complete clean energy solution.



Certificate of Acceptance PA05-06958

Both RP70A2 Hydraulic Rail Stressor and ZC3 Stressing Pump are certified by Network Rail.



Durability

Double-acting aluminum cylinders are enclosed within steel sleeves protecting the cylinder rods from damage, particularly weld splatter and extends the life of the unit. Available in 14.94 inches stroke or 8.07 inches stroke.



Battery-Powered Stressing Pumps, Zero-Emission

With steel manual valve with pressure holding function.

- Safety key to safely leave the pump unattended during breaks.
- 82 V, 4 Ah Lithium-ion battery
- Roll cage and pressure gauge
- 3-stage: 31.7 in³/min at 8,400 psi
- 1.0 gallon useable oil capacity
- Reduced Noise Level 80 dBA max
- Advanced brushless 1.36 hp motor.

Model Number	Battery Charger (V)	Useable Oil (gal)	(lbs)
ZC3404JE-RS	230	1.0	77
ZC3404JB-RS	115	1.0	77

Hydraulic Rail Stressors & Cordless Powerpacks



RP70A2-Series Rail Stressors

The RP70A2 Hydraulic Rail Stressors are used to pull together heavy railroad tracks for stressing and thermite welding.

In the rail industry ergonomic managers specify that tools over 64 lbs should be modular and be able to be manually assembled/transported on site.

The RP70A2 and RP70A2L can be used with the battery-powered pump. The stressor is interchangeable with other type of powerpacks.

The RP70A2 and RP70A2L adjust the gap between rail ends for rail stressing, rail welding, repairing rail failures and servicing insulators.

RP Series



Rated Pulling/Pushing Capacity:

70 / 45 tons

Stroke:

8.07 and 14.94 inches

Maximum Operating Pressure:

8,400 psi



RP70A2 Portable Components

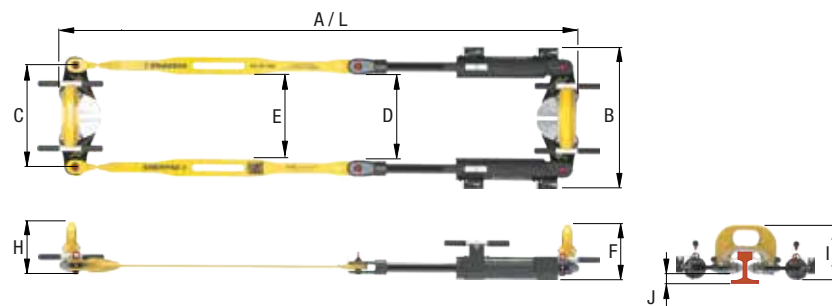
- 1 = Clamp Brackets
- 2 = Swing Arm with Rail Grippers
- 3 = Hydraulic Cylinders
- 4 = Extension Strips



Hydraulic Hoses

Use Enerpac model number **H9210-RS** 10 feet hydraulic hoses to ensure the integrity of your Rail Stressor system.

Model Number	Description
RP70A2	Rail puller, 8.07 inches stroke, with top-side rail mount components
RP70A2L	Rail puller, 14.94 inches stroke, with undermount components
RP70A2UMK	Undermount kit, works with any RP70A2 units



▲ RP70A2



▲ RP70A2L with RP70A2UMK undermount kit.

Capacity tons		Stroke (in)	Model Number	Dimensions (in)											(lbs)
Pull	Push			A *	B	C	D	E	F	G	H	I	J	L *	
70	45	8.07	RP70A2	122.13	32.99	23.66	19.76	19.53	12.91	3.82	12.13	12.91	1.54	114.06	452
		14.94	RP70A2L	135.90	32.99	23.66	19.76	19.53	12.91	3.82	12.13	12.91	1.54	120.94	476

* A = Extended length. L = Closed length.