

▼ RP70A2L, Hydraulic Rail Stressor with undermount components.



- Modular 70 ton stressor and holds the rail in neutral length during the welding process
- Easy to assemble in less than 2 minutes
- Designed with new aluminium 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 380 mm cylinder stroke, versus 205 mm on the RP70A2, providing 175 mm 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 ton 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 aluminium cylinders are enclosed within steel sleeves protecting the cylinder rods from damage, particularly weld splatter and extends the life of the unit.

Available in 380 mm stroke or 205 mm 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: 0,52 l/min at max. 580 bar
- 4,0 litres useable oil capacity
- Reduced Noise Level 80 dBA max
- Advanced brushless 1,0 kW motor.

Model Number	Battery Charger (V)	Useable Oil (litres)	 (kg)
ZC3404JE-RS	230	4,0	34,8
ZC3404JB-RS	115	4,0	34,8

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 29 kg 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 ton (683 / 440 kN)

Stroke:

205 and 380 mm

Maximum Operating Pressure:

580 bar



RP70A2 Portable Components

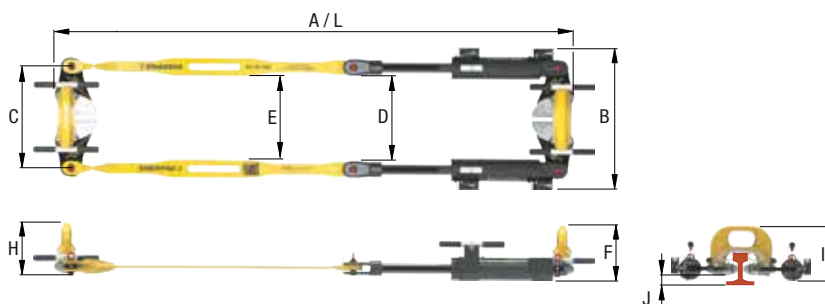
- 1 = Clamp Brackets
- 2 = Swing Arm with Rail Grippers
- 3 = Hydraulic Cylinders
- 4 = Extension Strips



Hydraulic Hoses

Use Enerpac model number **H9210-RS** 3,0 metres hydraulic hoses to ensure the integrity of your Rail Stressor system.

Model Number	Description
RP70A2	Rail puller, 205 mm stroke, with top-side rail mount components
RP70A2L	Rail puller, 380 mm stroke, with undermount components
RP70A2UMK	Undermount kit, works with any RP70A2 units



▲ RP70A2



▲ RP70A2L with RP70A2UMK undermount kit.

Capacity ton (kN)		Stroke (mm)	Model Number	Dimensions (mm)											(kg)
Pull	Push			A *	B	C	D	E	F	G	H	I	J	L *	
70 (683)	45 (440)	205	RP70A2	3102	838	601	502	496	328	97	308	328	39	2897	205
		380	RP70A2L	3452	838	601	502	496	328	97	308	328	39	3072	216

* A = Extended length. L = Closed length.