

▼ RP70A, Hydraulic Rail Stressor



## Hydraulic Rail Stressor

- Modular 70 ton stressor and holds the rail in neutral length during the welding process
- Easy to assemble in less than 2 minutes
- The RP70A stressor can be safely transported in a special designed steel transport frame together with pump and hose set
- Certified lifting eyes mounted directly on the clamps for easy and safe lifting
- Designed with new aluminum lightweight cylinders including protection sleeves over the rods to extend durability

## ZC3-Series, Battery Powered Stressing Pumps *(see page 191)*

- Zero emission hydraulic power pack
- Advanced brushless motor and Lithium-ion battery
- Steel manual operating valve with pressure hold function
- Safety key to safely leave the pump unattended during breaks
- Pressure release valve V182 included.



## Lightweight & Modular Rail Stressing System



### RP70A Rail Stressor

The Enerpac RP70A is a lightweight rail stressing kit for railway maintenance crews who assemble and install the rail puller directly on site.

The durable, easy-to-assemble components, stored and protected in a specially designed steel cage during transport, are up to 3 times lighter than similar tools.

The less physically demanding Enerpac RP70A is compatible with the cordless Enerpac ZC3-Series pump for a complete clean energy solution.



### Certificate of Acceptance PA05-06958

Both RP70A 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.



▲ RP70A rail stressor can be safely transported by forklift truck or manually in a special designed steel transport frame.

◀ Complete system with RP70A Hydraulic Rail Stressor and ZC3 cordless stressing pump.

# Hydraulic Rail Stressor & Cordless Powerpack

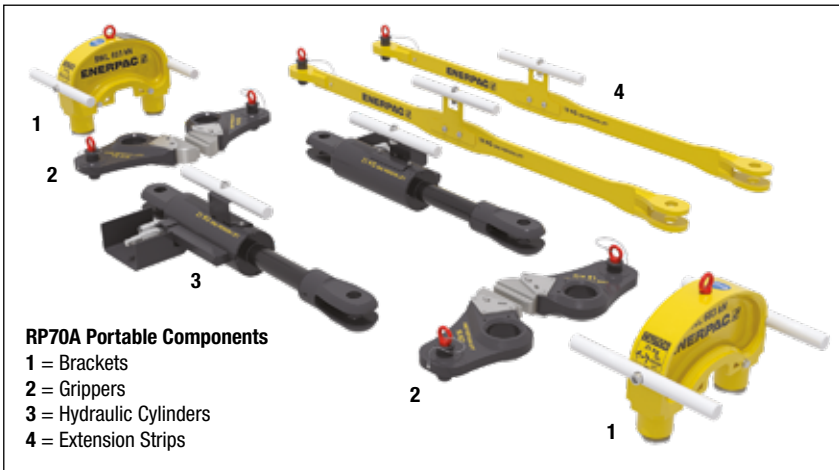


## RP70A Rail Stressor

The RP70A Hydraulic Rail Stressor is 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.

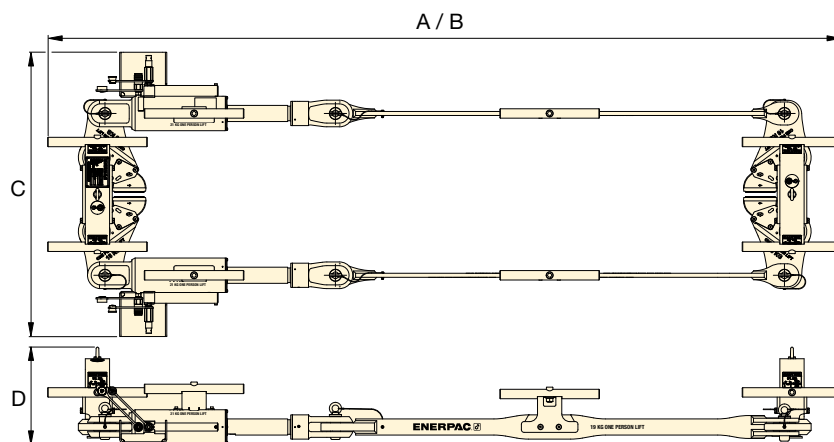
The RP70A can be used with the battery powered pump and optional transportation and storage frame for easy mobilisation/demobilisation. The stressor is interchangeable with other type of powerpacks. The RP70A adjusts the gap between rail ends for rail stressing, rail welding, repairing rail failures and servicing insulators.



▲ Modular 70 ton stressor and holds the rail in neutral length during the welding process.



▲ Storage and transport frame RP70ATF together with stressor, pump and possibility to safely store the hose set in a lockable storage space under the frame.



Capacity ton (kN)		Stroke (mm)	Model Number	Dimensions (mm)				Weight (kg)
Pull	Push			A	B	C	D	
70 (683)	35 (440)	205	RP70A	2950	3155	1056	361	205

A = Closed length. B = Extended length

## RP Series



Rated Pulling/Pushing Capacity:

**70 / 35 ton**

Stroke:

**205 mm**

Maximum Operating Pressure:

**580 bar**



## Hydraulic Hoses

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



## Battery Powered Stressing Pumps

- Cordless, zero emission pump
- 82V 4Ah Lithium-ion battery
- Roll cage and pressure gauge
- 3-stage: 0,52 l/min at 580 bar
- 4,0 litres useable oil capacity
- Pump weight 34,8 kg (excluding battery)
- Reduced Noise Level 80 dBA max
- Advanced brushless 1,0 kW motor.

Model Number	Battery Charger (Volts)	Maximum Pressure (bar)
ZC3404JE-RS	230	700
ZC3404JB-RS	115	700