

TECHNICAL
SPECIFICATION



STRESSOR HSM70



Permaquip Ltd

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MADE IN BRITAIN

Description:

The Permaquip™ HSM70 Stressor is designed to be used in pairs to adjust the gap between rail ends for rail stressing, rail welding, repairing rail failures, and for installing insulated joints.

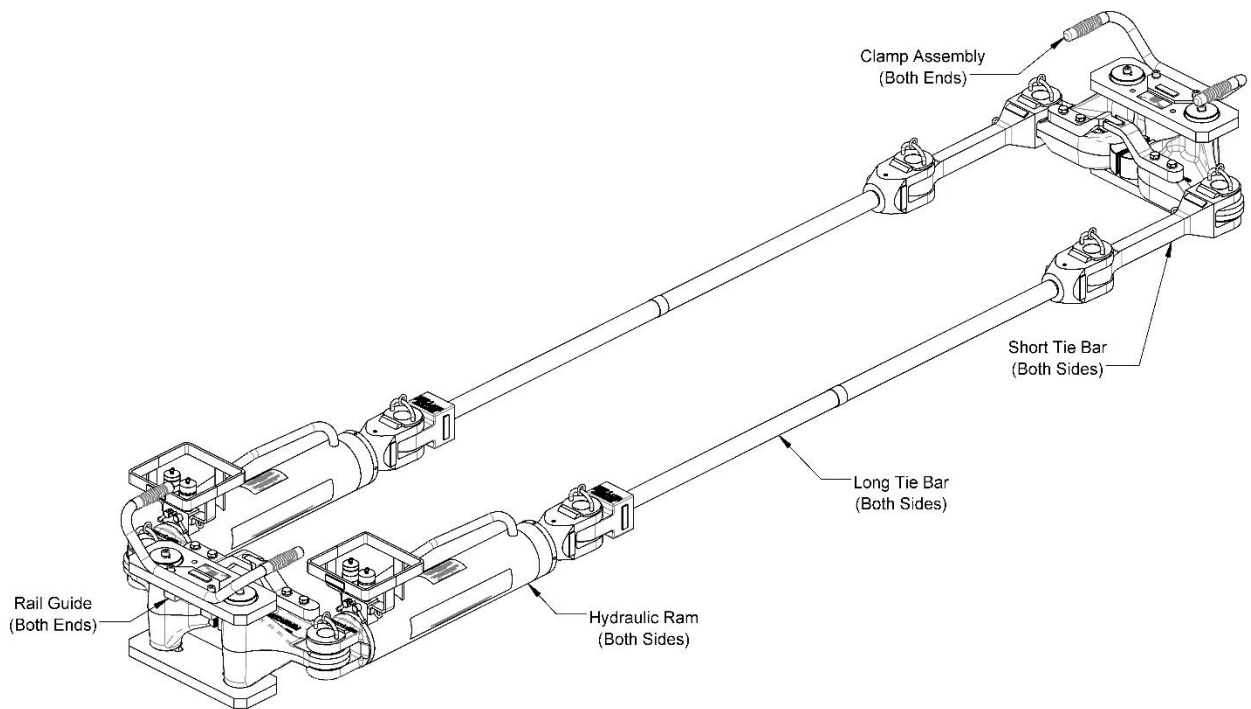
The HSM70 stressor is the most proven and durable Stressor on the market with up to 78 tonnes pull force. The non-slip type clamps enable the gap to be maintained accurately in order to facilitate a stress-free weld.

Numerous accessories such as side rollers and under rail rollers are available.

The Permaquip™ Power Pack is designed to provide power for the Stressor.

The Stressor is powder-coated yellow for high visibility when on track.

Stressor Layout:



Technical Data:

Stressor Part Numbers:

- Stressor HSM70 with Screw Couplings (SC) 26910
- Power Pack SC 32834
- Hose Assembly SC 29657
- Stressor HSM70 with Flat Faced Couplings (FFC) 33296
- Power Pack FFC 33282
- Hose Assembly FFC 33281
- 5' Long Tie Bar (Standard) 03071
- 10' Long Tie Bar (Optional) 06194

Overall dimensions:

- Length (5' Long Tie Bar) 3012 to 3393mm
- Width 713mm
- Height 364mm

Operating Pressures & Performance:

- Closed Flow 8,500 p.s.i. (58.7 MNm⁻²)
- Open Flow 2,800 p.s.i. (19.4 MNm⁻²)
- Max Pulling Force 78 tonnes (39 tonne each Ram Assembly)
- Max Pushing Force 32 tonnes (15 tonne each Ram Assembly)
- Max Ram Stroke 380mm

Compatible Rail Sections:

- BS90A, 95A, 100A, 113A
- UIC50, 54 & 60
- IRS 75R & 90R
- 95 RBH
- S49

Note that the appropriate rail guide will need to be fitted.

Please contact Permaquip Ltd if the stressor is required to be used with other rail sections

Product Compliance:

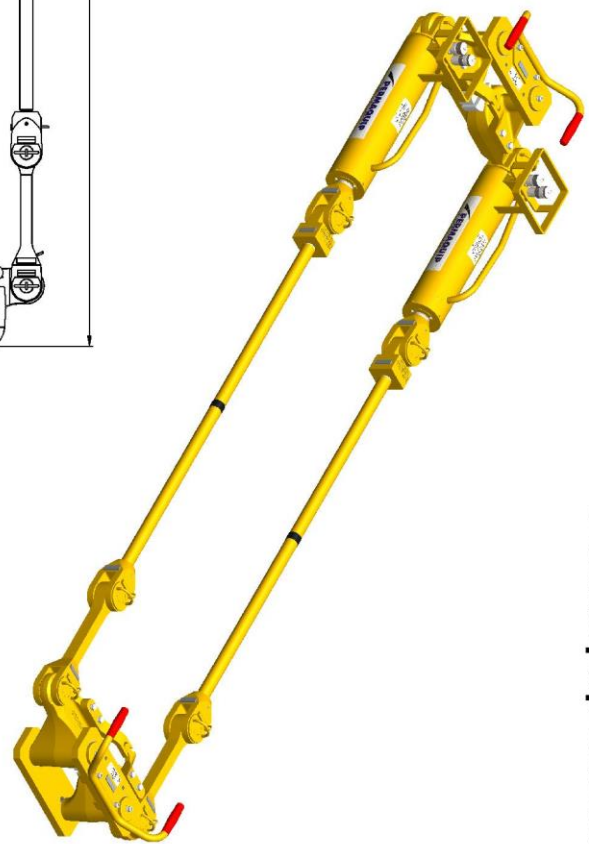
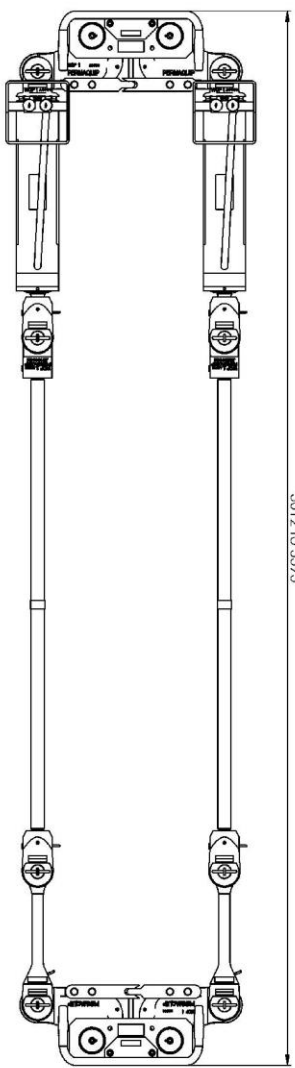
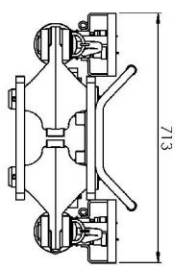
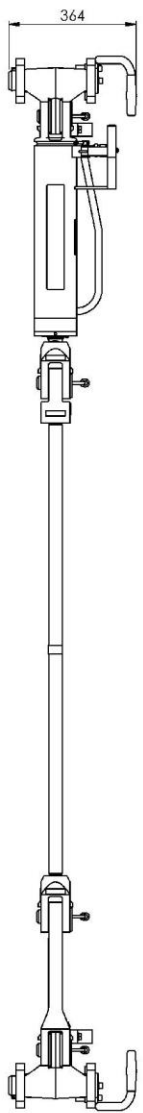
- SI 1994/2063 (OMSR)
The Supply of Machinery (Safety) (Amendment) Regulations 1994
- Directive 2006/42/EC
Safety of Machinery.
- Directive 93/68/EEC
CE Marking.

Please note:

All information, illustrations and specifications in this Technical Sheet are based on the latest information available at the time of publication. The right is reserved to make changes at any time without notice.

Equipment operators and installers shall be responsible for ensuring that a safe working environment and safe systems of work are in place and in certain circumstances advice and permission from the controlling authority must be sought before any operation, installation or surveying work is carried out.

Permaquip™ is a trademark of Permaquip Ltd.



Permaquip Stressor