United Rentals®

Trench Safety

Major Projects





Dedicated Support

Major Projects Team

Our experienced major projects team will work with you from beginning to end to ensure a smooth process from design to installation and removal.

In House Engineering

Our engineering team consists of 16 professional engineers, 11 EITs, and 17 engineering support positions providing responsive support and unique design solutions throughout the project.

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Partners in Design

Additional Solutions for Your Customers

Hydraulic products have many advantages that can strongly benefit your customers. Our team will work directly with your engineers to provide hydraulic solutions to enhance your designs.

Engineering Collaboration

Our team prepares sealed drawings and calculations for all of our products that can be added to your SOE design packages or stand alone. Our engineers provide support for our products through reviews and throughout the remainer of the project cycle.

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Advantages of Hydraulics

Speed

Minimal or no welding allows for faster installation and removal

Flexibility

Hydraulic ranges provide flexibility in lengths and angles

Phasing

Ease of removal allows phasing out level of bracing

Preloading

Struts can be preloaded to loads up to 1,000 kips

Modular

Struts can be assembled in tight spaced

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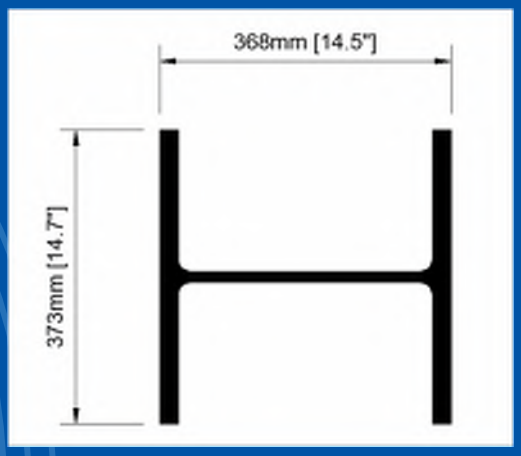


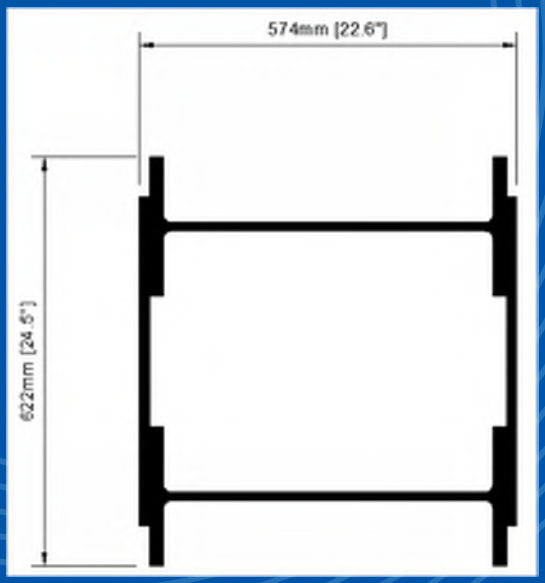
Mega Brace

Mega Brace

Moment: **654** k-ft

Compressive Load: **112** kips





Super Mega Brace

Moment: **2,121** k-ft

Compressive Load: **337** kips

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MP250T



MP375T



MP750T



MP150T



Euro Extensions



Hydraulic Struts

MP150T

Maximum **337** k capacity at lengths up to 60’

MP250T

Maximum **562** k capacity at lengths up to 144’

MP375T

Maximum **843** k capacity at lengths up to 124’

MP750T

Maximum **1,686** k capacity at lengths up to 80’

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Load Monitoring Pins

Load Path Monitoring

Load pins provide monitoring from within the load path, providing more accurate readings than other monitoring types.

Live Data Reporting

Data can be viewed via web portal with SMS alerts based on user determined thresholds. Loading can also be viewed on site during installation, ensuring accurate preloading.

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