

PRODUCT INFORMATION - SUMMARY

TRENCH SHORING – STEEL

SERIES: TT-77 STEEL – Lower Shield

The TUFFTECH **TT-77** (HEAVY DUTY) series, trench shoring system, provides a range of robust lightweight solutions based on panels manufactured from high strength steel.



Image: TT-77 : K-2.3 Shoring, STAND-ALONE configuration, 4.0 meter long, 2.0 meter face-face.

Code Compliant with: EN 13331.1 & EN13331.2, & AS 4744.1:2025

Product Table

TT-77 : K-2.3 : L-4.0: SA 2.0			
Height meter <i>H</i>	Length meter <i>L</i>	Weight kg <i>m</i>	Rated Capacity kPa <i>p</i>
2.3	3.0	1651	80
	3.5	1877	69
	4.0	2147	55
	4.5	2330	42



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PRODUCT INFORMATION - SUMMARY

TRENCH SHORING – STEEL

SERIES: TT-77 STEEL – Upper Shield/Top Box

The TUFFTECH **TT-77** (HEAVY DUTY) series, trench shoring system, provides a range of robust lightweight solutions based on panels manufactured from high-strength steel.



Image: TT-77 : M-1.5 Shoring, STAND-ALONE configuration, 4.0 meter long, 2.0 meter face-face

Code Compliant with: EN 13331.1 & EN13331.2, & AS 4744.1:2025

Product Table

TT-77 : M-1.5 : SA 2.0			
Height meter <i>H</i>	Length meter <i>L</i>	Weight kg <i>m</i>	Rated Capacity kPa <i>p</i>
1.5	3.0	974	80
	3.5	1093	69
	4.0	1395	55
	4.5	1331	42



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PRODUCT INFORMATION - SUMMARY

TRENCH SHORING – STEEL

SERIES: TT-77 STEEL – Typical System Assembly

The TUFFTECH **TT-77** (HEAVY DUTY) series trench shoring system provides a range of robust, lightweight solutions based on panels manufactured from high-strength steel.



Image: TT-77 : K-2.3 + M-1.5 Shoring, STAND-ALONE configuration, 4.0 meter long, 2.0 meter face-face

Code Compliant with: EN 13331.1 & EN13331.2, & AS 4744.1:2025

Product Table

TT-77 : K-2.3 + M-1.5 : SA 2.0			
Height meter <i>H</i>	Length meter <i>L</i>	Weight kg <i>m</i>	Rated Capacity kPa <i>p</i>
3.8	3.0	2535	80
	3.5	2881	69
	4.0	3421	55
	4.5	3578	42



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PRODUCT INFORMATION - SUMMARY

TRENCH SHORING – STEEL

SERIES: TT-77 STEEL – Features

Features:

Relatively lightweight high capacity, and manufactured from steel

Robust and reliable, fully sealed working face

Extraction hook points, 27 ton (13.5 ton x 2)

Stackable with full extraction capability

Easy to assemble

Easy to repair (weldable)

Cutting edge on lower panels

Incremental extraction corresponding to $\pm 8^\circ$ strut rotation in the vertical plane

Deflection accommodation corresponding to $\pm 3^\circ$ strut rotation in the horizontal plane.

Struts & Accessories:

Item	Description
Fixed struts – S77	Size range from 0.6m to 4.0m manufactured in 200mm size increments. Compatible across the TT-77 & TT-91 range of shoring.
Adjustable struts – S96	Come in 3 no size increments 0.9-1.2m, 1.2-1.8m, & 1.8-3.0m. Compatible across the TT-77 & TT-91 range of shoring.
Panel Connectors	Bracket & pin sets for connecting upper panels to lower panels. Compatible across the TT-77 & TT-91 range of shoring.
Hi-Arch Struts – HA120	Available for this range with an internal working width range from 2.0m to 4.0m
Strut Head – S77 & 96	Connects strut to panel (bolted into panel). Compatible across the TT-77 & TT-91 range of shoring.
Struts & accessories available for order as separate parts & can be replaced independently of panels.	



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