

PRODUCT INFORMATION - SUMMARY

TRENCH SHORING – ALUMINIUM

SERIES: TT-100 ALUMINIUM – Lower Shield

The TUFFTECH **TT-100** series, trench shoring system, provides a range of robust lightweight solutions based on panels manufactured from high strength ALUMINIUM.

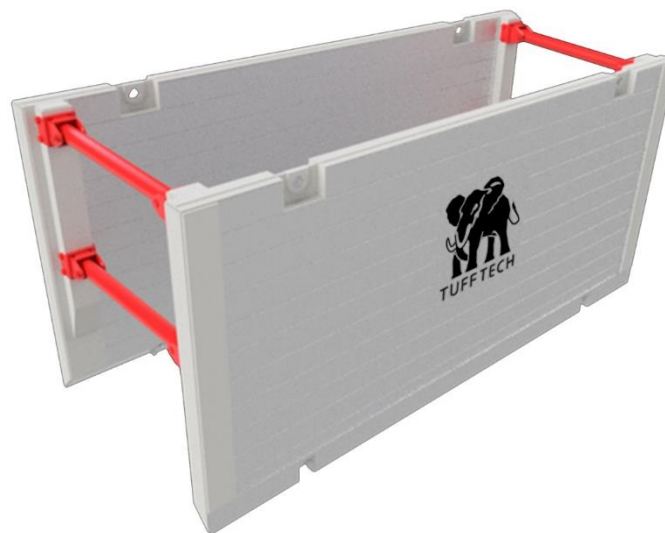


Image: TT-100: K-Type panel, 2.4 meter height, 5.0 meter long, Stand-Alone, 2.0 meter face to face

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

Product Table

TT-100 : K-2.4 : SA-2.0			
Height meter <i>H</i>	Length meter <i>L</i>	Weight kg <i>m</i>	Rated Capacity kPa <i>p</i>
2.4	4.0	1611	88
	5.0	1871	70
	6.0	2131	48
	7.0	2391	35



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PRODUCT INFORMATION - SUMMARY

TRENCH SHORING – ALUMINIUM

SERIES: TT-100 ALUMINIUM – Upper Shield/Top Box

The TUFFTECH **TT-100** series, trench shoring system, provides a range of robust lightweight solutions based on panels manufactured from high strength ALUMINIUM.



Image: TT-100: M-Type panel, 1.2 meter height, 5.0 meter long, Stand-Alone, 2.0 meter face to face

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

Product Table

TT-100 : M-1.2 : SA-2.0			
Height meter <i>H</i>	Length meter <i>L</i>	Weight kg <i>m</i>	Rated Capacity kPa <i>p</i>
1.2	4.0	951	88
	5.0	1211	70
	6.0	1471	48
	7.0	1731	35



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PRODUCT INFORMATION - SUMMARY

TRENCH SHORING – ALUMINIUM

SERIES: TT-100 ALUMINIUM – Typical System Assembly

The TUFFTECH **TT-100** series, trench shoring system, provides a range of robust lightweight solutions based on panels manufactured from high strength ALUMINIUM.



Image: TT-100: K+M Type Panel STACK, 3.6 meter height, 5.0 meter long, Stand-Alone, 2.0 meter face to face

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

Product Table

TT-100 : K-2.4 + M-1.2 : SA-2.0			
Height meter <i>H</i>	Length meter <i>L</i>	Weight kg <i>m</i>	Rated Capacity kPa <i>p</i>
3.6	4.0	2544	88
	5.0	2804	70
	6.0	3064	48
	7.0	3324	35



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PRODUCT INFORMATION - SUMMARY

TRENCH SHORING – ALUMINIUM

SERIES: TT-100 ALUMINIUM – Features, Struts & Accessories

Features:

Lightweight, robust, high capacity, manufactured from high strength 6061-T6 Aluminium

Sealed working face

Extraction hook points, 42 ton (21 ton x 2)

Easy to assemble

Cutting edge on lower panels

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

Deflection compensation, $\pm 3^\circ$ strut rotation in the horizontal plane

Optional: Cutting edge on one leading edge for drag box if required

Struts & Accessories:

Item	Description
Fixed struts – S100	Size range from 0.6m to 4.0m manufactured in 200mm size increments.
Panel Connectors	Bracket & pin sets for connecting upper panels to lower panels.
Hi-Arch Struts	Available for this range with an internal working width range from 2.0m to 4.0m
Strut Head – S100	Connects strut to panel (bolted into panel).

Struts & accessories available for order as separate parts & can be replaced independently of panels.



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