

TransQuip

Trench Shoring



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Light and versatile

Strong (meets tough Australasian safety standards)

Quick and easy to use

MAKE ANY TRENCH SAFE

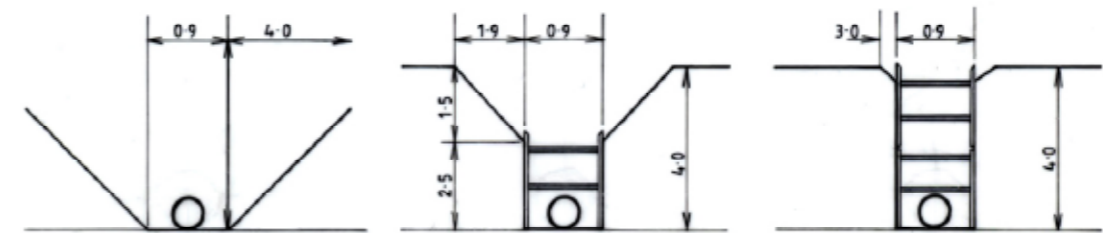
Our LiteGuard Trench Shields are a complete, certified ground support system that are easy to transport, simple to assemble and great to use. It's available in a range of widths and sizes so will fit almost any trench – whether it's a small utility manhole or a kilometre long sewer line.

The system:

- Ensures your site is safe and legal (it's made to AS4744. 1-2000 safety standard).
- Saves you time and money on excavating, benching, backfilling, compacting and restoring the site.
- Is made of Light weight alloy extrusions giving you the strength needed, while making transportation and operation so much easier!

You can hire or buy the systems from us...we can even assist with onsite training and will give you a free training manual or DVD (available on request).

The chart below shows typical cost saving when using Liteguard Trench shields:



Open Cut Method	Half Shielded	Using Liteguard
Excavator 12 tonne @ \$80 per hour	Excavator 12 tonne @ \$80 per hour	Excavator 7 tonne @ \$65 per hour
With 0.48cm bucket 30 seconds per cut = 62.72cm = 65 minutes	With 0.48cm bucket 30 seconds per cut = 33.16cm = 34.55 minutes	With 0.48cm bucket 30 seconds per cut = 11.52cm = 12 minutes
Total trench excavation per day		
=23.65Lm per day	=44.48Lm per day	=128.00Lm per day
Total cost per meter		
=\$27.07	=\$14.39	=\$4.07

Save yourself time and money, this is the smart choice:

- It's super-light and super-strong (our shields weigh around a third of steel equivalents).
- It's available now in a range of styles and sizes (or we can custom manufacture almost any size at all).
- This modular system gives you more options – it's long-lasting and can be reassembled for different jobs again and again (you can even 'stack' the shields to give you greater depth).
- This is the ultimate for worksite safety in trenches.



- Light and easy to transport and assemble
- Adjustable spreader bars – fit many trench widths
- Strong and stackable – keep safe at depth








- Solid and strong spreader bars - 'Supers' can be pushed into the ground
- Easy to assemble panels up to 4 metres long
- Built in lifting lugs for quick and easy handling

STANDARD TRENCH SHIELDS

Our Standard Trench Shields are particularly versatile. With adjustable spreader bars and extension panels available, this system will shore numerous different trenches.

- Tough enough to use in the worst ground conditions.*
- Certified for up to 50kpa.*
- Easy to handle – a panel can be moved and assembled by just two people.
- Adjustable spreader bars even allow you to put supportive pressure on the trench walls.
- Detachable legs enable you to keep the shield off the bottom of the trench.
- Stackable* - use them on top of one another to safely work at greater depths.*

	Part Number	Description	Size
	2301	'Standard' set of Trench Shields. Includes 4 adjustable spreader bars and the pins and clips needed to assemble them. Panels have inbuilt lifting points	2.4metres long x 1.2metres high
	2302	'Standard extension' set of Trench Shields to stack on top of the base unit. 2 spreader bars and the pins/clips included. Panels have inbuilt lifting points.	2.4metres long x 0.6 metres high
	2303	Hardened pins for 'Standard' Shields	85mm long
	2304	'R' clips for pins	4mm diameter
	2305	Complete 'Acrow' adjustable spreader bar for Standard Shields. Comes with 'Jack Screw' outer section, and changeable inner section. Various inner sizes available giving you from 550 to 1500 overall width.	550mm to 1500mm Overall width
	2306	Legs to attach to bottom of 'Standard' Shields	600mm long
	2307	Extension joiner to join Shields together when 'stacking'.	NA


* When the Liteguard 'Standard' is assembled with the correct number and positioning of spreader bars it is certified to 50kpa. Depth depends on soil type and conditions.

LITEGUARD SUPER TRENCH SHORING

Our Super Trench Shoring system is ideal for longer trenches. It's tough and versatile with a range of sizes enabling you to create a large number of shoring options.

- Panels come in 3.1, 3.6 and 4 metre lengths and 1.5, 1.8 and 2 metre heights but we can manufacture them in many other sizes.
- The spreader bars also come in a range of lengths from 600 to 2000mm and can be joined so you can shore trenches up to 4 metres wide!
- Simple to use – the panels can be pushed into the ground as its excavated or dragged through open trenches.
- We stock special corner joiners that can be used to create a 'box' to shore holes
- Stackable for deeper trenches.

LITEGUARD SUPER TRENCH SHORING SYSTEMS

	Part Number	Description	Size
	2351	'Super' 3.1 metre long set of Shields with spreader bars, and the pins and clips needed to assemble them.	3.1m long x 1.5m high
	2353		3.1m long x 1.8m high
	2354		3.1m long x 2m high
	2358 extension		3.1m long x 1m high
	2370	3.6 metre long Liteguard 'Super' set of Shields, with solid spreader bars, and the pins and clips needed to assemble them.	3.6m long x 1m high
	2371		3.6m long x 1.5m high
	2374		3.6m long x 2m high
	2378 extension		3.6m long x 1m high extension

LITEGUARD SUPER TRENCH SHORING SYSTEMS CONT...

	Part Number	Description	Size
	2383 2384 2388	4 metre long Liteguard 'Super' set of Shields, with solid spreader bars, and the pins and clips needed to assemble them.	4m long x 1.8m high 4m long x 2m high 4m long x 1m high extension
	2330	Super Liteguard spreader bar kit. 4 of each size spreader bar.	800mm x 4 1000mm x 4 1200mm x 4 1500mm x 4 1800mm x 4 2000mm x 4
	2332 2333 2334 2335 2336 2337 2338 2339	Solid Spreader bars for 'Super' Shields. Individual units.	600mm (8kg) 800mm 1000mm 1200mm (16kg) 1400mm 1500mm 1800mm 2000mm
	2344	Right angle joiner for making Super Liteguard shields into a box	NA
	2345	Super spreader bar joiner	NA
	2346	'Super' Shield hardened pins	175mm x 20mm
	2347	Clips for pins	6mm









- The ideal way to shore a pit, manhole or shaft
- Sliding doors for easy access on side panels

ACCESS CHAMBER UNITS

Our Access Chamber Units are the simplest way to shore pits, manholes or small shafts.

- Comes in two units, making it easier to transport.
- Can be stacked two high enabling you to shore twice the depth.
- Detachable legs can keep the unit off the ground.
- Sliding doors give easy access to pipes and other services.
- Much lighter than other systems – each set weighs just 250kg.

	Part Number	Description	Size
	2401	1.8 metre square Access Chamber set with spreader bars, pins and clips	1.8m long x 1.8m wide x 1.8m high
	2402	Access Chamber spreader bars	600mm long
	2303	Hardened pins	85mm long
	2304	'R' clips for pins	4mm diameter
	2306	Legs to attach to bottom of Access Chambers	600mm long
	2407	Access Chamber joiners	







Eight times stronger than timber!

A lightweight alloy with lifting lugs for easy attachment

Ideal for shoring around services.

LITEGUARD SOLDIER SETS

These very versatile planks come in three lengths with adjustable spreader bars. Their lightweight alloy is super-strong and has lugs that make the system ultra-easy to use.

	Part Number	Description	Size
	2451 2453 2456	Soldier Liteguard sets which consist of 2 'planks', 2 spreader bars and the pins and clips needed.	1.8 metre high 2.4 metre high 3 metre high
	2303	Hardened pins for Soldier Sets	85mm long
	2304	'R' clips for pins	4mm diameter
	2305	Complete Acrow adjustable spreader bars for Soldier Sets. Comes with 'Jack Screw' outer section, and changeable inner section. Various inner sizes available from 550mm to 1500mm overall length.	550mm to 1500mm Overall length

Grave Shoring options also available. Phone free 0508 31 31 31 for more information.