

SHORE 3m-30 & 3m-60 TRENCH BOX



SHORE 3m-30 & 3m-60 TRENCH BOX PROVIDES A SECURE METHOD OF SAFETY FOR YOUR WORKFORCE IN EXCAVATIONS.

Our Shore 3m Trench Box range covers requirements for lightweight steel shoring using smaller excavators with the 3m-30 unit. At the same time, the heavy-duty 3m-60 model is designed with superior strength so they can be used in deeper excavations with larger machines.

These trench boxes have an internal working width of 0.6m to 4m using our 141 struts, to allow for any application.

Varying trench depths can be accommodated by adding an upper extension unit connected to the base unit via the connectors pinned from the inside of the panels.

The knife edge panels allow Dig & Push installations in sandy conditions, and the foam-filled sections restrict water from getting inside the panels.

The Shore 3m Trench Boxes are designed to safely and effectively support trenches up to any depth, provided the working load limit of 30kPa or 60kPa is not exceeded.

SHORE 3m-30 & 3m-60 TRENCH BOX

FEATURES

- Lightweight, versatile, and easy to assemble
- Various widths
- Foam filled to reduce waterlogging
- Knife edge panels
- Equipped with a Four Point Lifting System
- Working pressure 30kPa and 60kPa
- High-strength steel construction
- Secure upper units via Panel Connectors
- End Panels available
- Manufactured and certified to AS4744
- Internal working width of 0.6m to 4.0m
- Compatible with Edge Safe Protection
- Sides that “toe out” for easy Dig & Push installation method



SHORE 3m-30 & 3m-60 TRENCH BOX SPECIFICATIONS

Specifications	3m-30		3m-60	
	Base	Top	Base	Top
Length	3000mm	3000mm	3000mm	3000mm
Height	2000mm	1020mm	2000mm	1020mm
Min Width Internal	600mm	600mm	600mm	600mm
Max Width Internal (without engineering)	4000mm	4000mm	4000mm	4000mm
Clearance Between Struts	2650mm	2650mm	2650mm	2650mm
Clearance Under Bottom Strut	1200mm		1200mm	
Weight With 1000mm Struts	850kg	656kg	1320kg	826kg
Panel Weight	377kg	250kg	612kg	335kg
Panel Thickness	50mm	50mm	75mm	75mm
Working Load Limit	30kPa	30kPa	60kPa	60kPa
Strut Weight Per Metre (141 Struts)	22kg	22kg	22kg	22kg

Note: Specifications are approximate.

SHORE 4m-60 TRENCH BOX



THE 4m-60 TRENCH BOX CAN BE HANDLED BY MID RANGE EXCAVATORS, AND ARE ECONOMICAL AND IDEAL FOR GENERAL CONSTRUCTION AND UTILITIES CONTRACTORS.

The Shore 4m-60 Trench Box is our most commonly used unit, and is designed to safely and effectively support trenches that are any depth, provided that the working load limit of 60kPa is not exceeded.

Internal widths of up to 4.0m can be achieved with the heavy-duty 168 struts. The robust strut design enables the 4m-60 trench box to be installed using the Dig & Push or Dig & Place method in all soil types. Top extension units of 1.5m high allow for a quick shoring installation to its full depth in all ground conditions. The panel sections are foam filled to limit water and soil infiltration, which can minimise weight gain in wet soil conditions.

The 4m-60 Trench Box also allows the use of Shore Hire's Arch Spreader system, which gives the advantage of greater clearance under the lower strut, when installing large diameter pipes and culverts.

SHORE 4m-60 TRENCH BOX



FEATURES

- Foam filled to reduce waterlogging
- All steel construction
- Knife edge panels
- Able to add top extensions using panel connectors
- Four Point Lifting System
- Various widths available up to 4m
- Reinforced top rail
- Heavy-duty construction
- Working pressure up to 60kPa
- Internal working width of 0.6m to 4.0m
- Reinforced bottom cutting edge
- End Panels and high-clearance Arch Spreader Struts are available
- Manufactured and certified to AS4744
- Compatible with Edge Safe Protection
- Sides that “toe out” for easy Dig & Push installation method

SHORE 4m-60 TRENCH BOX SPECIFICATIONS

Specification	Base	Top
Length	4000mm	4000mm
Height	2500mm	1520mm
Min Width Internal	600mm	600mm
Max Width Internal (without engineering)	4000mm	4000mm
Clearance Between Struts	3600mm	3600mm
Clearance Under Bottom Strut	1500mm	-
Weight With 1000mm Strut	2840kg	1962kg
Panel Weight	1326kg	857kg
Panel Thickness	100mm	100mm
Working Load Limit	60kPa	60kPa
Strut Weight Per Metre (168 Struts)	42.5kg	42.5kg

Note: Specifications are approximate.

SHORE 6m-40 TRENCH BOX



THE SHORE 6m-40 TRENCH BOX IS ENGINEERED TO HANDLE LARGE SCALE EXCAVATIONS, WHERE LONGER BOXES ARE REQUIRED.

The 150mm thick wall has been designed to meet the specific needs of large pipe installation, boring pits, pump stations, or projects where long pipes are being laid.

This range of Trench Boxes guarantees you heavy-duty performance in demanding conditions, and depths can be increased by adding a 1.5m top extension unit.

Shore Hire's Arch Spreader System can also be used with this trench box, giving the advantage of having a greater clearance under the lower strut, for when large diameter pipes and culverts are being installed.

The Shore 6m-40 Trench Box is designed to safely and effectively support trenches up to any depth, provided the working load limit of 40kPa is not exceeded.

SHORE 6m-40 TRENCH BOX



FEATURES

- Foam filled to reduce waterlogging
- 150mm thick walls
- Reinforced bottom cutting edge
- Four Point Lifting System
- Heavy-duty steel construction
- Able to add top extensions using panel connectors
- End Panels and high-clearance Arch Spreader Struts are available
- Reinforced top rail
- Internal working width of 0.6m to 4.0m
- Manufactured and certified to AS4744
- Compatible with Edge Safe Protection
- Sides that “toe out” for easy Dig & Push installation method

SHORE 6m-40 TRENCH BOX SPECIFICATIONS

Specification	Base	Top
Length	6100mm	6100mm
Height	2500mm	1500mm
Min Width Internal	600mm	600mm
Max Width Internal (without engineering)	4000mm	4000mm
Clearance Between Struts	5700mm	5700mm
Clearance Under Bottom Strut	1500mm	-
Weight With 1000mm Strut	4964kg	3788kg
Panel Weight	2388kg	1770kg
Panel Thickness	150mm	150mm
Working Load Limit	40kPa	40kPa
Strut Weight Per Metre	42.5kg	42.5kg

Note: Specifications are approximate.

SHORE 3m-50 MANHOLE BOX



THE SHORE 3m-50 MANHOLE BOX IS IDEAL FOR MANHOLE CONSTRUCTION AND SQUARE EXCAVATIONS.

Shore Hire 3m-50 Manhole Boxes combine the key qualities of our trench box range, with additional features to accommodate adjoining service trenches for a typical manhole and other uniform four-sided excavations. Shore Hire Manhole Boxes can be delivered to the site in knocked-down form and assembled quickly to suit the customer's needs.

Manhole Boxes may be installed in either a pre-dug trench in stable ground, or by a progressive Dig & Push method in non-cohesive soils.

The Shore 3m-50 Manhole Box is designed to safely and effectively support trenches up to any depth, provided the working load limit of 50kPa is not exceeded.

FEATURES

- Trench sheets or steel plates can be used to close off ends
- Base panels have a cutting edge to improve installation
- Top extension units can be connected to increase trench depth
- Able to add top extensions using panel connectors
- Enables rapid construction of manholes, chambers and interceptors
- Foam filled to reduce waterlogging
- Knife edge
- All steel construction
- Manufactured and certified to AS4744
- Compatible with Edge Safe Protection
- 500mm returns on panels to close off ends

SHORE 3m-50 MANHOLE BOX



SHORE 3m-50 MANHOLE BOX SPECIFICATIONS

Specification	Base	Top
Length	3000mm	3000mm
Height	2500mm	1500mm
Min Width Internal	1600mm	1600mm
Max Width Internal (without engineering)	4000mm	4000mm
Clearance Between Struts	2750mm	2750mm
Clearance Under Bottom Strut	1500mm	-
Weight With 1000mm Strut	2472kg	1762kg
Panel Weight	1188kg	803kg
Panel Thickness	75mm	75mm
Working Load Limit	50kPa	50kPa
Strut Weight Per Metre (141 Struts)	22kg	22kg

Note: Specifications are approximate.