

## SHORE 4.2m-35 ALUMINIUM TRENCH BOX



**THE SHORE 4.2m-35 ALUMINIUM TRENCH BOX PROVIDES THE PERFECT BALANCE OF BEING LIGHTWEIGHT, STRONG, AND TOUGH TO ALLOW SMALLER EXCAVATORS TO HANDLE REALLY DIFFICULT PIPELINE PROJECTS.**

With a 100mm wall thickness, the 4.2m-35 Aluminium Trench Box allows for narrower trenches in tight projects, meaning that less bedding material is required, which converts to real savings on the majority of pipeline projects.

The Shore 4.2m-35 lower unit has a knife edge, giving the contractor the choice of using either the Dig & Place or Dig & Push installation method, so no matter what kind of ground you're installing the trench box in, you're covered. The sides of the trench box also "toe-out", meaning they're designed to be slightly slanted inwards, making them even easier to install.

If you need extra depth, you can use the 1.86m upper unit as a top extension, or as a trench box, as it has an under strut clearance of 860mm.

The Shore 4.2mm Aluminium Trench Box is designed to be used to support trenches that are any depth, provided the working load limit of 35kPa is not exceeded.

# SHORE 4.2m-35 ALUMINIUM TRENCH BOX



## FEATURES

- Foam filled to reduce waterlogging
- 100mm thick walls
- Reinforced top plate
- Four Point Lifting System
- High-strength aluminium construction
- The ability to use the upper unit as a top extension or as a stand-alone shore box
- End panels available
- Manufactured to Australian Standards
- Compatible with 141 Struts and Edge Safe Protection
- Sides that “toe out” for easy Dig & Push installation method
- Knife-edged bottom lip

## SHORE 4.2m-35 ALUMINIUM TRENCH BOX SPECIFICATIONS

Specification	Base	Top
Length	4250mm	4250mm
Height	2440mm	1860mm
Min Width Internal	860mm	860mm
Max Width Internal (without engineering)	4260mm	4260mm
Clearance Between Struts	3700mm	3700mm
Clearance Under Bottom Strut	1450mm	860mm
Weight With 1000mm Strut	1696kg	1476kg
Panel Weight	805kg	695kg
Panel Thickness	100mm	100mm
Working Load Limit	35kPa	35kPa
Strut Weight Per Metre (141 Struts)	21.6kg/m	21.6kg/m

Note: Specifications are approximate.

# SHORE 4.2m-60 ALUMINIUM TRENCH BOX



**THE 4.2m-60 ALUMINIUM TRENCH BOX IS FOR HEAVY-DUTY, GENERAL PURPOSE SHORING, AND IS SUITABLE FOR MOST EXCAVATIONS AND MACHINES.**

The 150mm thick panel has been designed to withstand the higher ground pressure needed for large pipe installation, boring pits, pump stations, or projects where long pipe runs are being laid.

The 4.2m-60 Aluminium Trench Box guarantees heavy-duty performance in demanding conditions, where a lighter weight Trench Box is required due to machine size. This trench box also allows the use of Shore Hire's Arch Spreader System, which has the advantage of greater clearance under the lower strut when installing large-diameter pipes and culverts and using boring machines.

The 4.2m-60 Aluminium Trench Box is designed to safely and effectively support trenches up to any depth, provided the working load limit of 60kPa is not exceeded.

# SHORE 4.2m-60 ALUMINIUM TRENCH BOX



## FEATURES

- Foam filled to reduce waterlogging
- 150mm thick walls
- Reinforced top plate
- Four Point Lifting System
- Arch Spreader struts available
- Heavy-duty aluminium construction
- The ability to use the upper unit as a top extension or as a stand-alone shore box
- End Panels available
- Manufactured to Australian Standards
- Compatible with 168 Struts and Edge Safe Protection
- Sides that “toe out” for easy Dig & Push installation method
- Knife-edged bottom lip to help the boxes go in the ground easier

## SHORE 4.2m-60 ALUMINIUM TRENCH BOX SPECIFICATIONS

Specification	Base	Top
Length	4200mm	4200mm
Height	2440mm	1860mm
Min Width Internal	860mm	860mm
Max Width Internal (without engineering)	4260mm	4260mm
Clearance Between Struts	3800mm	3800mm
Clearance Under Bottom Strut	1450mm	860mm
Weight With 1000mm Strut	2300kg	1880kg
Panel Weight	1070kg	850kg
Panel Thickness	150mm	150mm
Working Load Limit	60kPa	60kPa
Strut Weight Per Metre (168 Struts)	42.5kg/m	42.5kg/m

Note: Specifications are approximate.

# SHORE 5.2m-52 ALUMINIUM TRENCH BOX



**THE SHORE 5.2m-52 ALUMINIUM TRENCH BOX PROVES TO BE AN OPTIMAL CHOICE FOR THE INSTALLATION OF LENGTHY PIPE LENGTHS, BORING MACHINES, AND PUMP STATIONS, ESPECIALLY IN SCENARIOS NECESSITATING HEIGHTENED STRUT CLEARANCE.**

Its lightweight construction, coupled with 150mm thick panels, ensures unwavering durability in the face of rigorous demands.

Additionally, Shore Hire's Arch Spreader System seamlessly complements this trench box, granting a superior clearance beneath the lower strut during the installation and utilization of large-diameter pipes, culverts, and boring machines. This system confers a notable advantage by facilitating unimpeded operations in complex environments.

Meticulously engineered, the Shore 5.2m-52 Aluminium Trench Box guarantees both the safety and effectiveness of trench support across any desired depth, while adhering to prescribed working load limits.

# SHORE 5.2m-52 ALUMINIUM TRENCH BOX



## FEATURES

- Foam filled to reduce waterlogging
- 150mm thick walls
- Reinforced top plate
- Four Point Lifting System
- Arch Spreader struts available
- Heavy-duty aluminium construction
- The ability to use the upper unit as a top extension or as a stand-alone shore box
- End Panels available
- Manufactured to Australian Standards
- Compatible with 168 Struts and Edge Safe Protection
- Sides that “toe out” for easy Dig & Push installation method
- Knife-edged bottom lip to help the boxes go in the ground easier

## SHORE 5.2m-52 ALUMINIUM TRENCH BOX SPECIFICATIONS

Specification	Base	Top
Length	5250mm	5250mm
Height	2440mm	1860mm
Min Width Internal	860mm	860mm
Max Width Internal (without engineering)	4260mm	4260mm
Clearance Between Struts	4800mm	4800mm
Clearance Under Bottom Strut	1450mm	860mm
Weight With 1000mm Strut	2810kg	2570kg
Panel Weight	1325kg	1250kg
Panel Thickness	150mm	150mm
Working Load Limit	52kPa	52kPa
Strut Weight Per Metre (168 Struts)	42.5kg/m	42.5kg/m

Note: Specifications are approximate.

## SHORE 6.2m-40 ALUMINIUM TRENCH BOX



**THE SHORE 6.2m-40 ALUMINIUM TRENCH BOX CAN BE HANDLED BY MID-RANGE EXCAVATORS. IT'S PERFECT FOR LAYING LONG PIPE LENGTHS, BORING MACHINES, AND PUMP STATIONS WHEN A GREATER STRUT CLEARANCE IS REQUIRED.**

If a lightweight trench box is required due to machine size, the Shore 6.2-40 Aluminium Trench Box and its 150mm thick panel are perfect because they guarantee heavy-duty performance in demanding conditions.

Shore Hire's Arch Spreader System can also be used with this trench box, and the advantage is that it gives greater clearance under the lower strut when large-diameter pipes, culverts, and boring machines are installed and used.

The Shore 6.2m-40 Aluminium 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 6.2m-40 ALUMINIUM TRENCH BOX



## FEATURES

- Foam filled to reduce waterlogging
- 150mm thick walls
- Reinforced top plate
- Four Point Lifting System
- Arch Spreader struts available
- Heavy-duty aluminium construction
- The ability to use the upper unit as a top extension or as a stand-alone shore box
- End Panels available
- Manufactured to Australian Standards
- Compatible with 168 Struts and Edge Safe Protection
- Sides that “toe out” for easy Dig & Push installation method
- Knife-edged bottom lip to help the boxes go in the ground easier

## SHORE 6.2m-40 ALUMINIUM TRENCH BOX SPECIFICATIONS

Specification	Base	Top
Length	6200mm	6200mm
Height	2440mm	1860mm
Min Width Internal	860mm	860mm
Max Width Internal (without engineering)	4260mm	4260mm
Clearance Between Struts	5800mm	5800mm
Clearance Under Bottom Strut	1450mm	860mm
Weight With 1000mm Strut	3300kg	2690kg
Panel Weight	1570kg	1260kg
Panel Thickness	150mm	150mm
Working Load Limit	40kPa	40kPa
Strut Weight Per Metre (168 Struts)	42.5kg/m	42.5kg/m

Note: Specifications are approximate.



# SHORE 7.2m-36 ALUMINIUM TRENCH BOX



## THE 7.2m-36 ALUMINIUM TRENCH BOX IS ENGINEERED TO HANDLE LARGE SCALE EXCAVATIONS WHERE LONGER BOXES ARE REQUIRED.

The 150mm thick panel on this trench box guarantees high-strength performance in demanding conditions, such as when installing large or long pipes, boring pits, pump stations, or when a lighter weight is required, as steel boxes are too heavy.

The Shore 7.2m-36 Aluminium Trench Box can also be used with Shore Hire's Arch Spreader System, which gives the advantage of greater clearance under the lower strut when installing large diameter pipes, and culverts.

The Shore 7.2m-36 Aluminium Trench Box is designed to support trenches that are any depth safely and efficiently, provided the working load limit of 36kPa is not exceeded.

# SHORE 7.2m-36 ALUMINIUM TRENCH BOX



## FEATURES

- Foam filled to reduce waterlogging
- 150mm thick walls
- Reinforced top plate
- Four Point Lifting System
- Arch Spreader struts available
- High-strength aluminium construction
- The ability to use the upper unit as a top extension or as a stand-alone shore box
- End Panels available
- Manufactured to Australian Standards
- Compatible with 168 Struts and Edge Safe Protection
- Sides that “toe out” for easy Dig & Push installation method
- Knife-edged bottom lip to help the boxes go in the ground easier

## SHORE 7.2m-36 ALUMINIUM TRENCH BOX SPECIFICATIONS

Specification	Base	Top
Length	7200mm	7200mm
Height	2440mm	1860mm
Min Width Internal	860mm	860mm
Max Width Internal (without engineering)	4260mm	4260mm
Clearance Between Struts	6800mm	6800mm
Clearance Under Bottom Strut	1450mm	860mm
Weight With 1000mm Strut	3800kg	3000kg
Panel Weight	1800kg	1400kg
Panel Thickness	150mm	150mm
Working Load Limit	36kPa	36kPa
Strut Weight Per Metre (168 Struts)	42.5kg/m	42.5kg/m

Note: Specifications are approximate.