



Durable - Reliable - Built to Last

About

For over 20 years, Smart Troughs has been a trusted name on Kiwi farms, delivering durable, reliable water troughs designed to withstand New Zealand's toughest conditions. Built with farmers in mind, our range offers sizes to suit every operation—big or small. Whether you're running a high-country station or a lifestyle block, Smart Troughs provide the quality and performance you can count on to keep your livestock well-watered all year-round.



Features

- *Steel-reinforced lip for extra strength*

Designed to withstand heavy use, the reinforced lip adds an extra layer of durability, preventing damage from impacts and the wear and tear of daily farm operations while maintaining structural integrity over time.

- *High-strength 35PMa fibre mesh concrete for durability*

Built to last, the fibre mesh reinforcement evenly distributes stress throughout the structure, increasing resistance to impact and long-term exposure to the elements, and ensures a longer lifespan with minimal maintenance.

- *Integrated 1.3T lifting anchors for easy transport*

For hassle-free transport and positioning, these troughs feature pre-installed 1.3-tonne lifting anchors. This design ensures safe, stable, and efficient handling, reducing the risk of damage during relocation.

- *Smart water supply placement*

Strategically positioned to reduce disruption from livestock movement, the water supply inlet helps prevent trampling damage and minimizes the risk of frost heave in colder conditions, ensuring a reliable and long-lasting water system.

- *Threaded female pressure pipe fittings*

Designed for a secure and leak-proof connection, the 20 and 25mm threaded female pressure pipe fittings ensure compatibility with standard plumbing systems, allowing for easy installation and maintenance.

Dimensions

270L Rectangular Trough

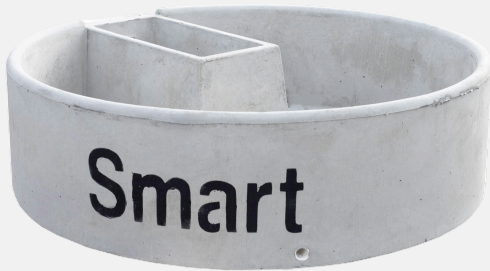


Length	1.92m
Width	0.7m
Ext. Height	0.35m
Int. Depth	0.26m
Weight	290kg
Anchors	2
Pipe fitting	20mm



270L Trough Lid	
Length	0.7m
Width	0.34m

500L Round Trough

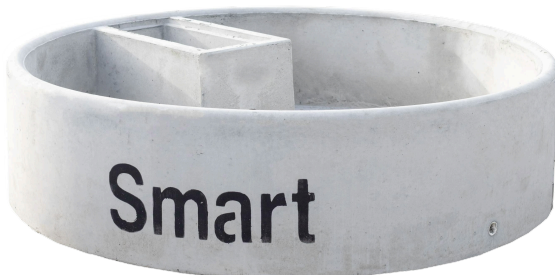


Diameter	1.48m
Ext. Height	0.42m
Int. Depth	0.36m
Weight	480kg
Anchors	3
Pipe fitting	20mm



500L Trough Lid	
Length	0.72m
Width	0.34m

750L Round Trough

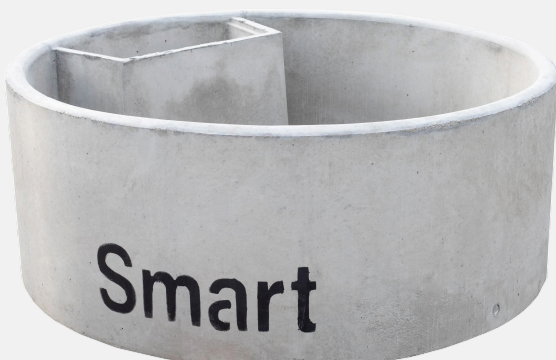


Diameter	1.8m
Ext. Height	0.46m
Int. Depth	0.38m
Weight	1000kg
Anchors	3
Pipe fitting	25mm



750L Trough Lid	
Length	0.62m
Width	0.30m

1000L Round Trough



Diameter	1.66m
Ext. Height	0.64m
Int. Depth	0.56m
Weight	1200kg
Anchors	3
Pipe fitting	25mm



1000L Trough Lid	
Length	0.71m
Width	0.35m

1500L Round Trough

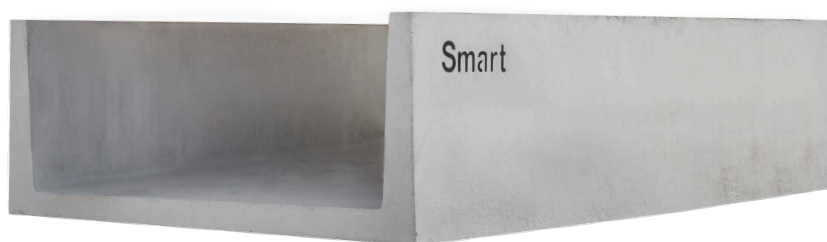


Diameter	2.1m
Ext. Height	0.64m
Int. Depth	0.55m
Weight	1650kg
Anchors	4
Pipe fitting	25mm



1000L Trough Lid	
Length	0.71m
Width	0.35m

1500L Feed Trough



Length	2.4m
Width	1.53m
Ext. Height	0.6m
Int. Depth	0.52m
Weight	1680kg
Anchors	4

Dog Bowls



Large		Small	
Capacity	4L	Capacity	1.2L
Diameter	340mm	Diameter	180mm
Ext. Height	150mm	Ext. Height	110mm
Int. Depth	120mm	Int. Depth	100mm
Weight	10kg	Weight	5kg



Transportation

- Never push or drag troughs.
- Use 1.3T Swift Lift Anchors with 1.3T Swift Lift Clutches for lifting, taking extra care on uneven surfaces.
- Always transport troughs flat on top of dunnage or a level surface to prevent stress and damage.
- Secure troughs properly using heavy-duty strops crossed diagonally to prevent movement during transit. Do not use a single strop across the centre, as this can cause cracking.
- Only stack troughs on top of each other with dunnage between them.
- Always place troughs on a stable, level surface using dunnage between.
- Store troughs on a stable, level surface.

We can arrange transportation for your trough. Get in touch to discuss your options and request a free quote.



Installation

- Prepare the area, ensuring it is stable, level and ready for installation.
- Position the trough using the 1.3T Swift lift anchors and clutches, making sure that it is level.
- Plug the outlet.
- Connect the water supply by attaching the trough valve inside the ball-cock chamber. Ensure no cross threading occurs.
- Fill the trough and inspect all connections for leaks.



South Island Wide Shipping

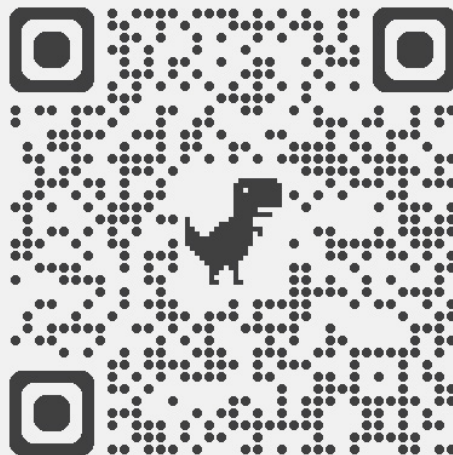
We supply troughs to Kiwi farms all across the South Island

Ask your local farm stockist to place your Smart Trough order or contact us directly

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Scan the QR code and head to our website
www.urbanpaving.co.nz/troughs for more information

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