

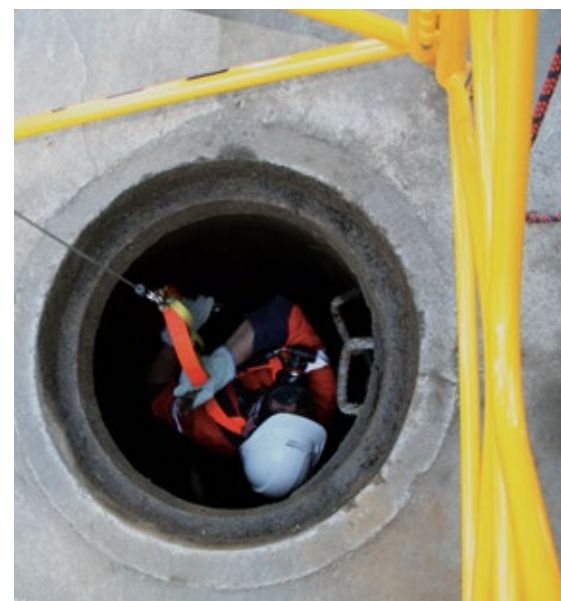
WATER

== spanSet®





For the Australian Water Industry since 1987.



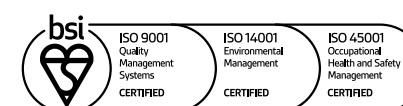
**SpanSet
Certified
Safety**

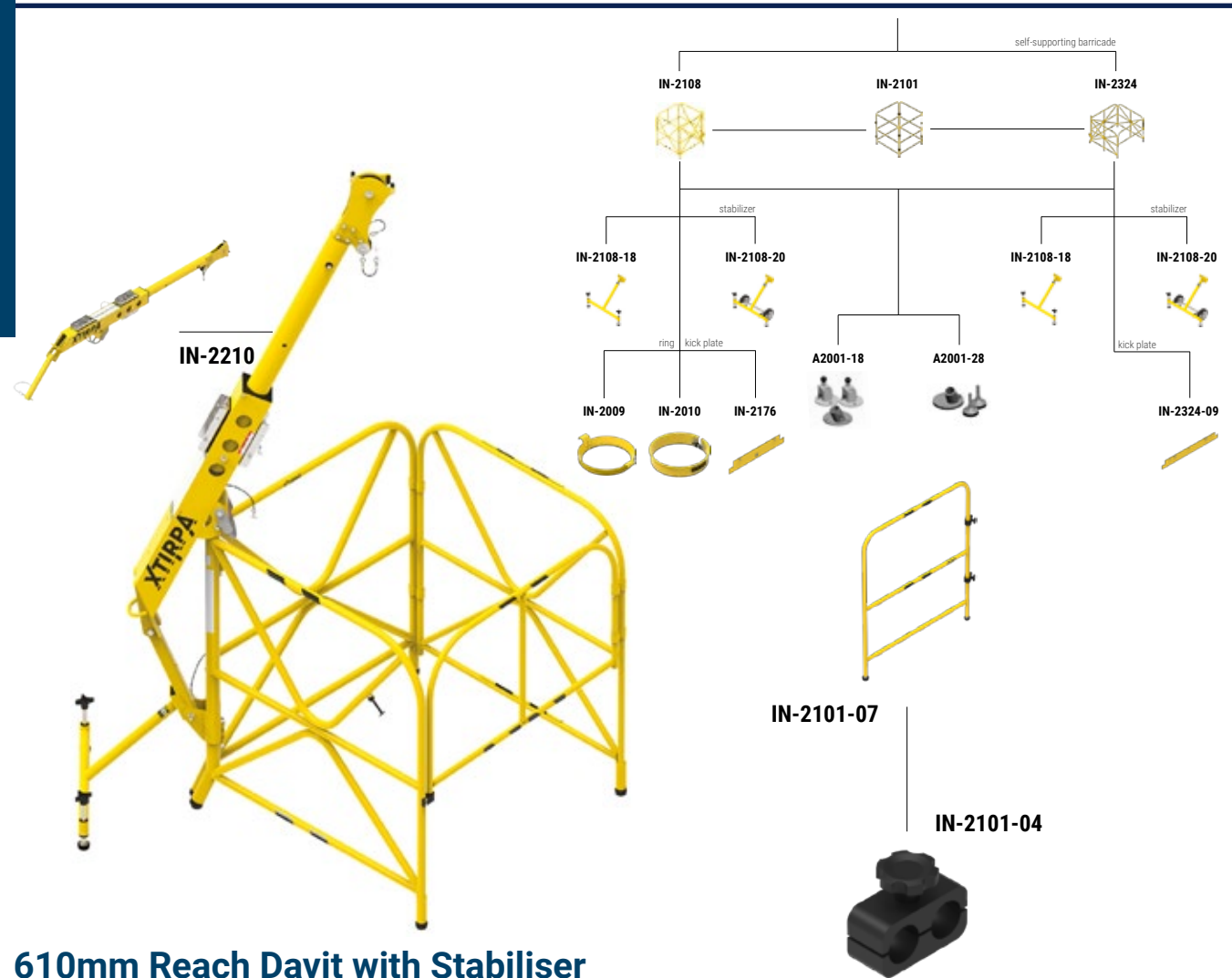
AS/NZS COMPLIANT. AUSTRALIAN WATER INDUSTRY PROVEN.

Australian water utilities operate some of the most challenging confined space environments in the country. Pump stations, wet wells, valve chambers, filtration tanks: every entry carries risk. Every worker deserves to come home.

SpanSet Australia is the water industry's trusted height safety and confined space partner. As the preferred Australian supplier of Xtirpa: the world's leading confined space entry and retrieval system and the proud manufacturer of Australian-made safety harnesses, we deliver solutions built for the unique demands of Australian water infrastructure.

We don't just supply equipment.
We understand confined space work.
We understand water utilities.
And we're here to make sure every entry and exit is a safe one.





610mm Reach Davit with Stabiliser and Portable Manhole Guard Rail System



View it in AR

The SpanSet Xtirpa 610mm Davit Arm with Portable Manhole Guard and Stabiliser is the complete confined space entry solution built for the pace of water utility field work. Lightweight, portable and assembled by one person in seconds, it protects the entry point, arrests a fall and enables retrieval — all from a single self-supporting system that travels with your team.



Augmented Reality (AR)



Scan the QR codes in this brochure using your smartphone's camera. This will open the experience directly in your camera view.

Point your phone at a flat surface, and you'll see a life-sized 3D model of the Xtirpa system appear in your phone.

Move the smartphone around to view it from different angles and get a better understanding of its features and footprint, all through your smartphone.

XTIRPA + SPANSET

Decades of expertise. One trusted partnership.

Xtirpa builds it. SpanSet makes it work for you.

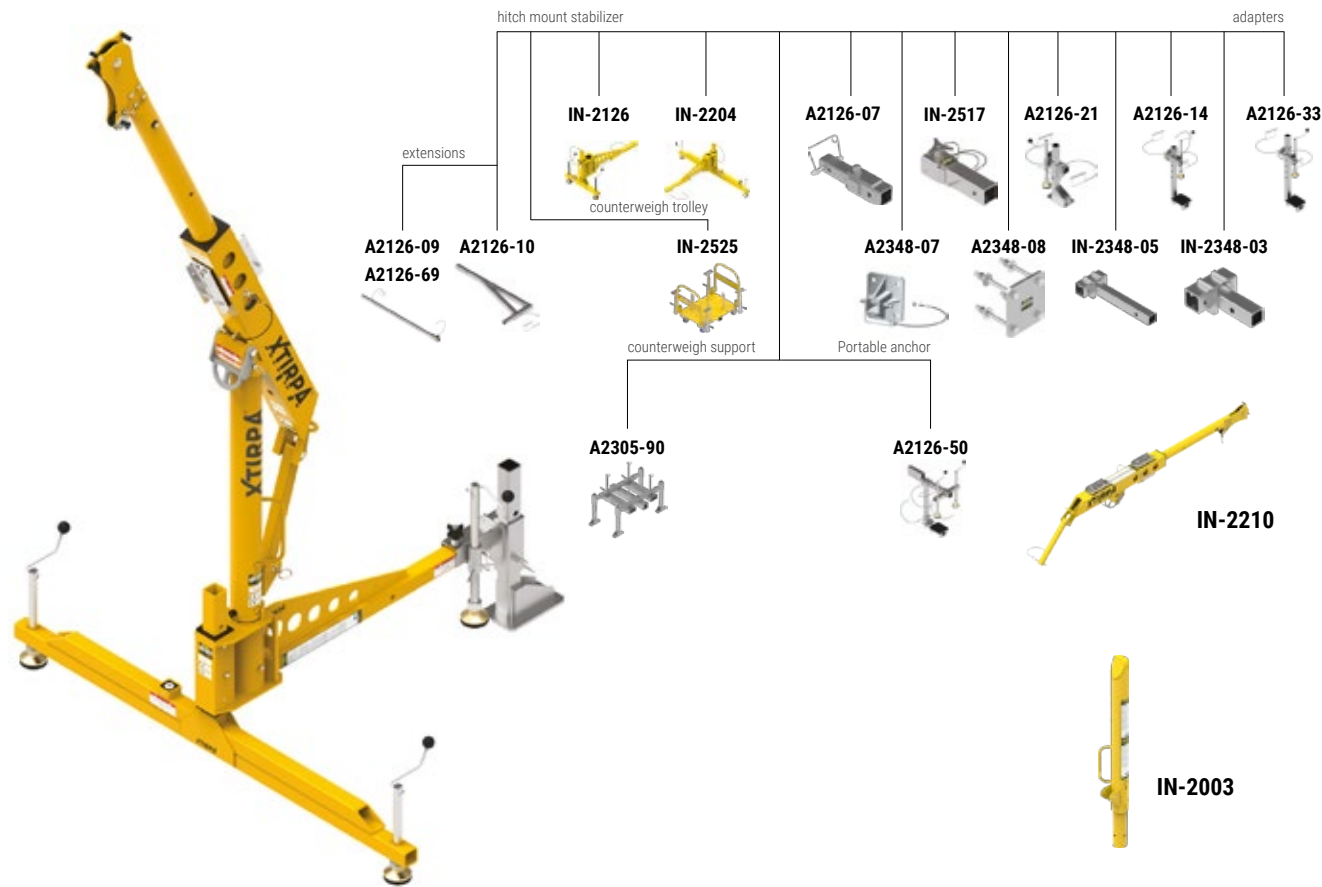
Xtirpa was founded with a single mission — to give industries working in confined spaces the rescue and retrieval solutions they never had. What began as a specialist response to utility industry needs has grown into the world's most innovative and modular confined space system, and SpanSet Australia is the expert partner bringing that technology to the Australian water utilities sector.

As the only patented system that allows a davit arm to be installed on a manhole guard for rescue purposes, Xtirpa is engineered for exactly the kind of complex, distributed confined space environments water utilities manage every day.

Backed by SpanSet's 30 plus years of Australian height safety experience and a complete solution model covering products, engineering support, training and servicing, choosing Xtirpa through SpanSet means your team gets the right system configured for your assets, your people trained to use it, and ongoing expert support for the life of the equipment — not just a product in a box.

We don't just supply it. We solve it

XTIRPA™ + == SpanSet®



Tow Bar Hitch Davit System



View it in VR

The SpanSet Tow Bar Hitch Davit System (610mm) is the ideal confined space access and rescue solution for water utilities, councils and maintenance contractors working across dispersed infrastructure networks. This system offers a variety of connection options.

One of the most popular is a mount directly to a vehicle towbar, it provides a portable anchorage system for safe entry, retrieval and emergency rescue from pits, valve chambers, wet wells, pump stations and treatment facilities.



PROJECT OVERVIEW

SpanSet's Xtirpa Davit Arm solution for Unity Water in Maroochydore, Queensland addressed a confined space access challenge within a critically narrow walkway at an operational water treatment facility. Standard davit systems were not viable due to space constraints and the inability to install a fixed base without structural modification.

SpanSet engineered a purpose-built solution using an Xtirpa Hitch Mount concept adapted into a fixed structural receiver, enabling a fully certified, removable davit system to operate safely within the restricted environment.

For Queensland Water Supply Business Unity Water, Maroochydore

The Engineering Challenge

Confined space entry at the site had to comply with Queensland WHS requirements and AS/ NZS 1891.4 and AS/NZS 4488, while operating within a narrow walkway that prevented conventional davit installation.

Key constraints included:

- Maintaining full walkway access without trip or obstruction hazards
- Avoiding permanent structural modification (e.g. drilling or welding)
- Enabling rapid install and removal for operational use

No off-the-shelf solution met both spatial and compliance requirements.

The Solution

SpanSet collaborated with Xtirpa to adapt the Hitch Mount system into a low-profile fixed receiver integrated into the walkway structure, translating a mobile mounting concept into a compliant fixed installation.

This enabled:

- A flush receiver preserving walkway access when not in use
- Tool-free davit mast installation and removal
- Precise positioning over the confined space entry point
- Full system stowage to restore operational clearance

The design maintained the certified load path and compliance integrity of the Xtirpa integrated system in line with relevant Australian standards.

Collaboration

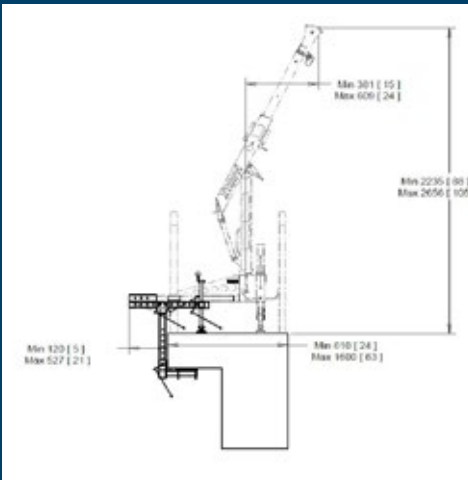
SpanSet Australia worked directly with Xtirpa Canada to ensure the adapted configuration remained within the system's certified design envelope. Xtirpa's integrated certification approach, where base, mast, and arm are engineered as a complete system, enabled a customised solution without compromising compliance.

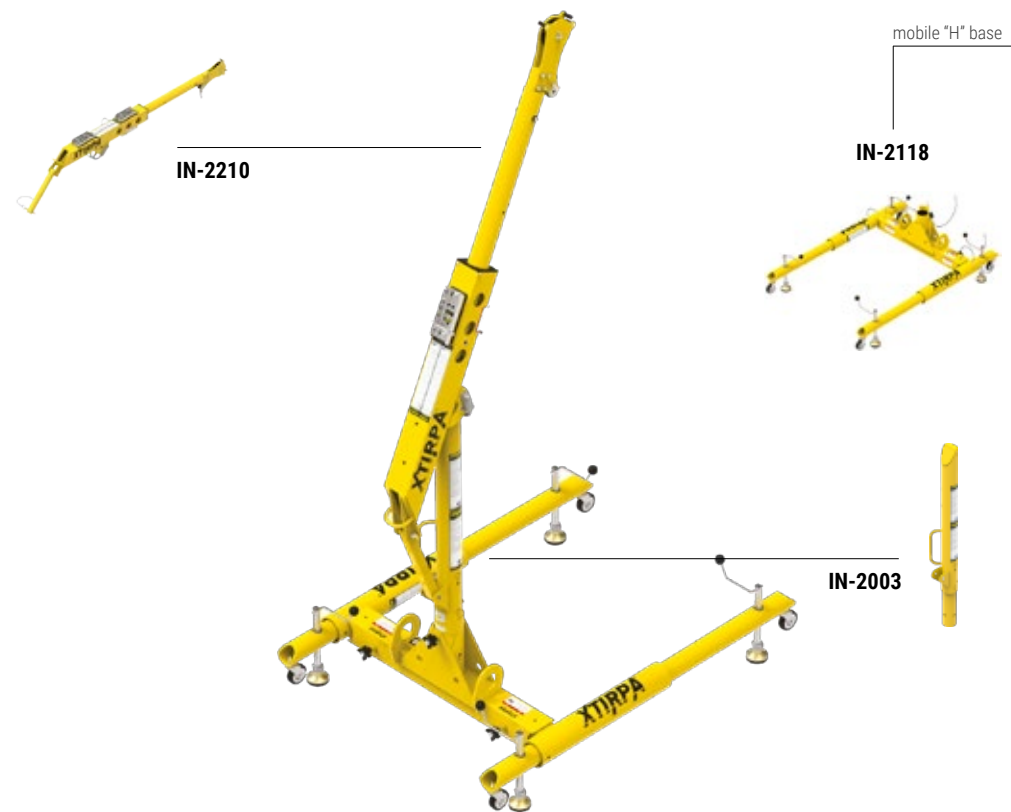
Outcome

The installation delivered:

- A fully certified confined space retrieval and fall arrest system compliant with Queensland WHS requirements
- A minimal-footprint design preserving full walkway functionality
- A removable, rapidly deployable system requiring no specialist tools
- Complete compliance documentation for audit readiness

This project demonstrates SpanSet's ability to engineer compliant height safety solutions for complex site constraints without compromising safety or operational efficiency.





H-Base Davit System

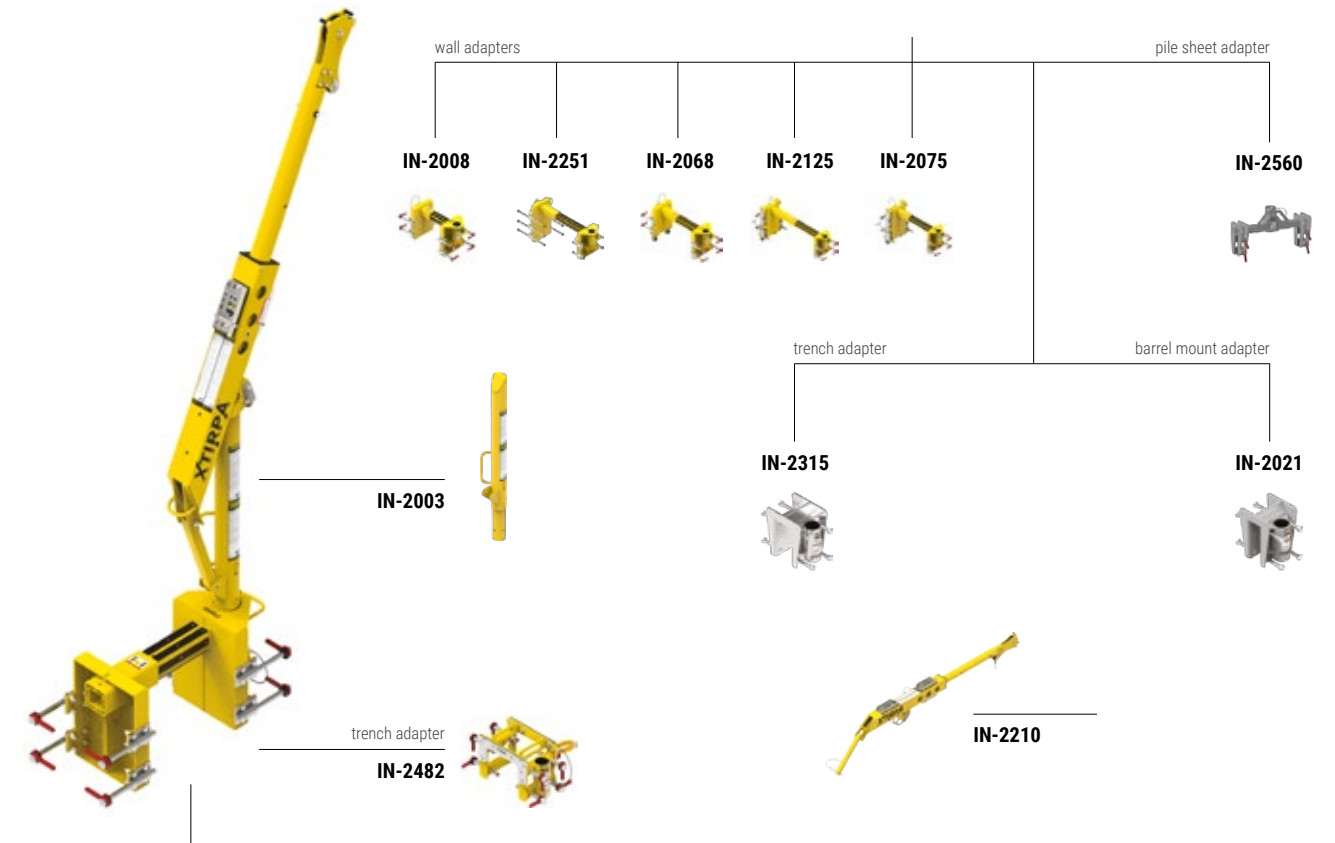


View it in VR

The H-Base Davit System is a highly portable confined space access and rescue solution designed for water and wastewater operators who need to move safely between multiple access points without installing permanent anchorages.

Ideal for pump stations, sewer networks, wet wells and treatment plants, the mobile H-Base can be wheeled into position and adjusted to suit a range of manhole sizes and site conditions, providing a stable working platform even on uneven surfaces.

The system delivers flexibility, rapid deployment and efficient rescue capability, making it well suited to maintenance crews working across multiple utility assets.



Wall Mount System

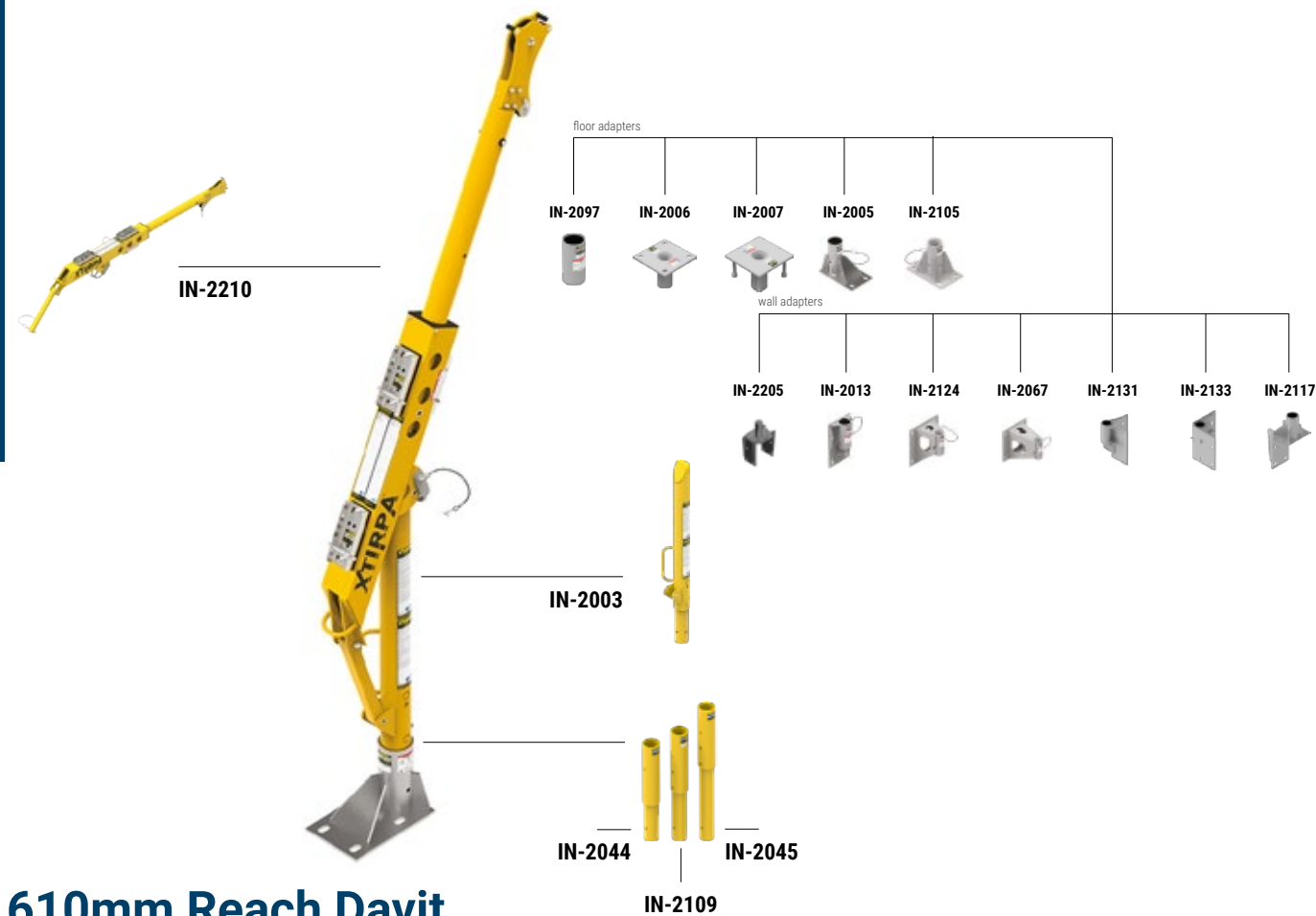


View it in VR

The Xtirpa 610mm Davit Arm with Wall Mount Clamp provides a secure and versatile anchorage point for confined space entry, retrieval and rescue across water utility assets.

The portable clamp on design allows crews to safely access pits, wet wells and pump stations without the need for permanent infrastructure, improving efficiency while maintaining compliance and worker safety.





610mm Reach Davit

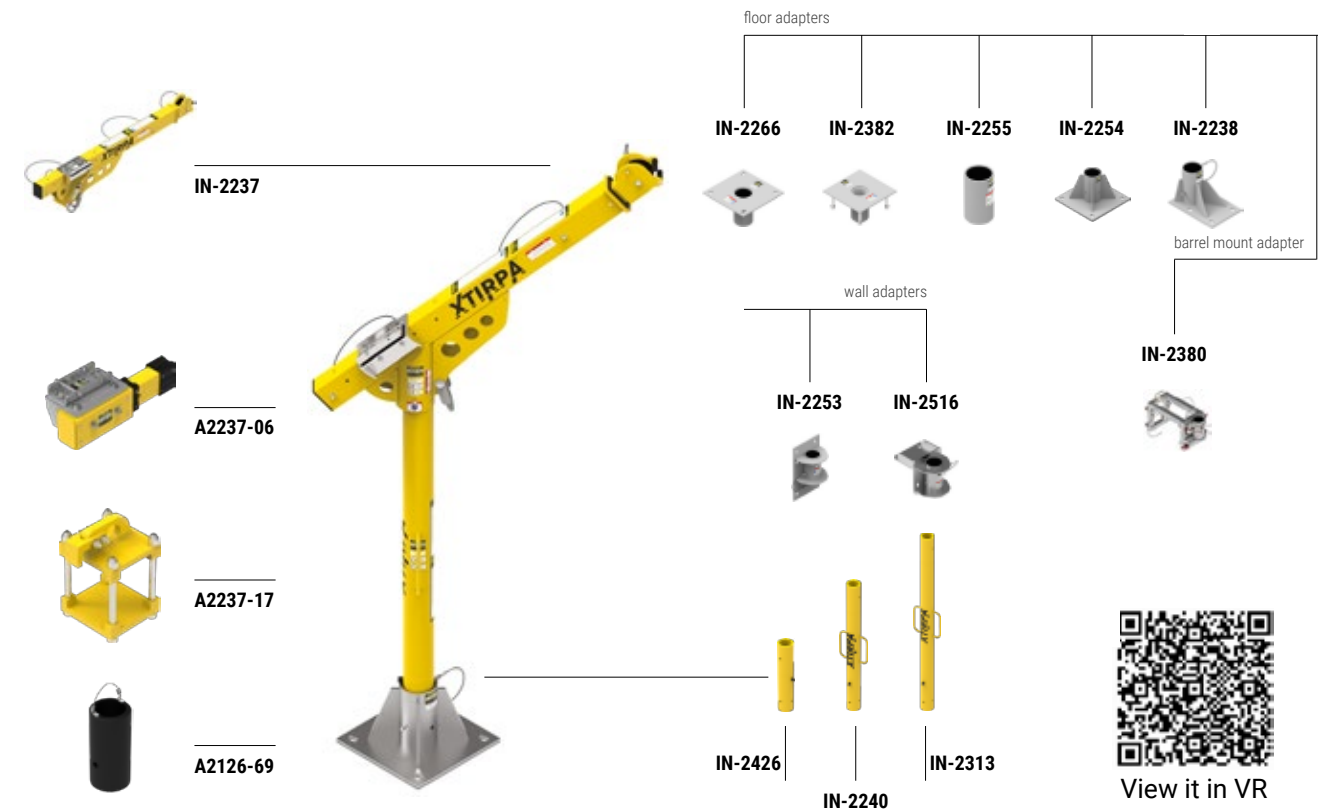
A compact and versatile solution designed for safe access, rescue, and material handling in confined space environments.

Ideal for pump stations, wet wells, valve pits and treatment facilities, the lightweight aluminium system can be configured with a range of mounting options including floor, wall, portable base and vehicle-mounted adaptors to suit both permanent and temporary work locations.

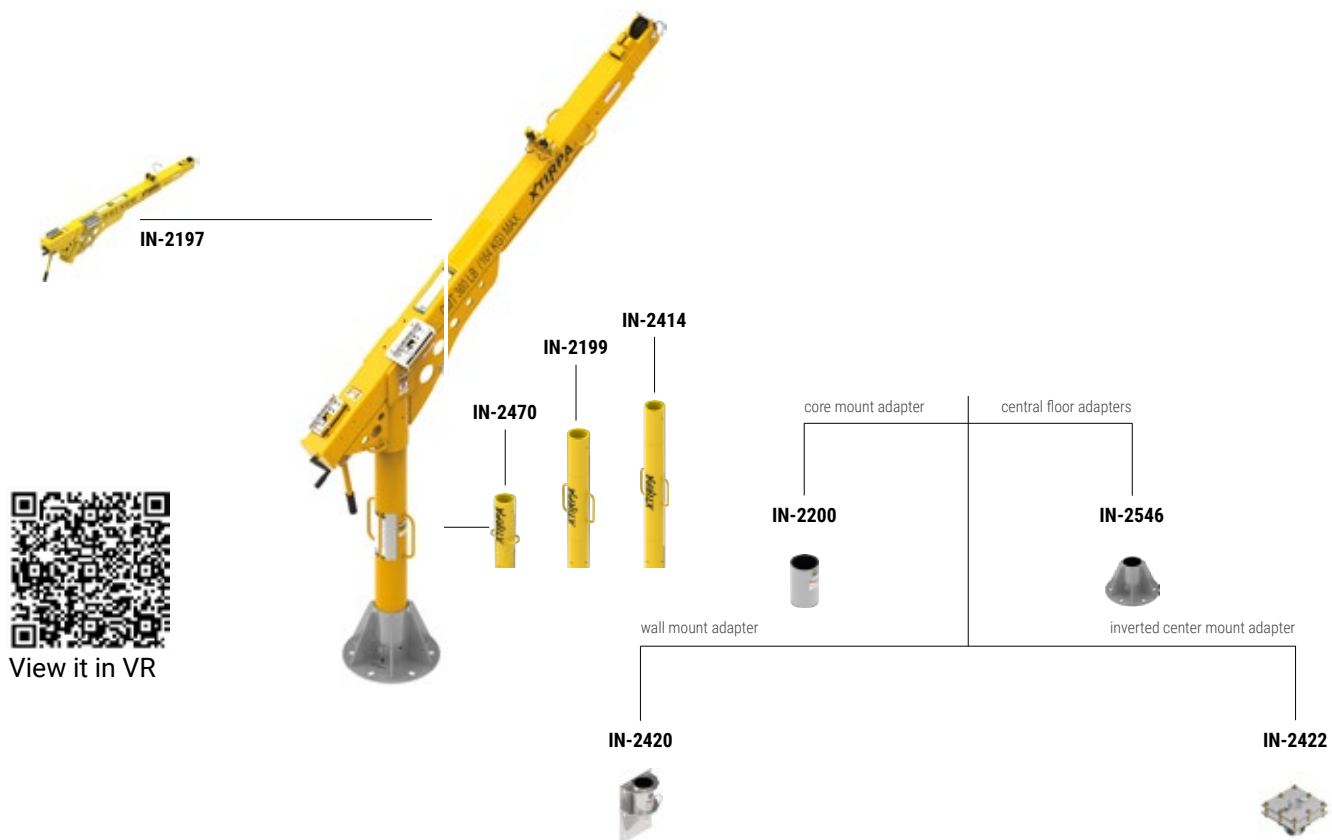
Compatible with SpanSet winches, self-retracting lifelines and rescue devices, the 610mm Davit Arm provides a flexible, compliant solution that helps utilities improve worker safety while maximising operational efficiency across multiple sites.



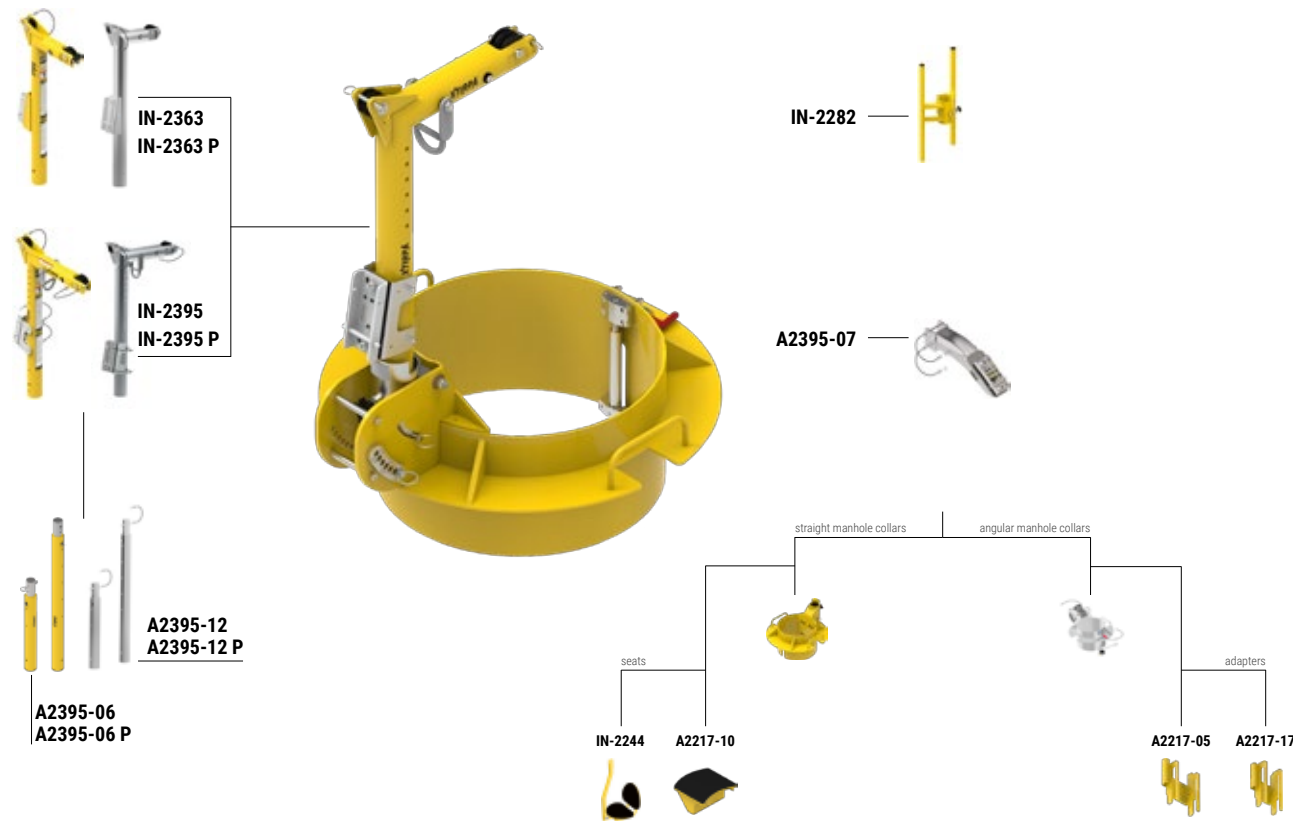
View it in VR



1219mm Reach Davit



2438mm Reach Davit



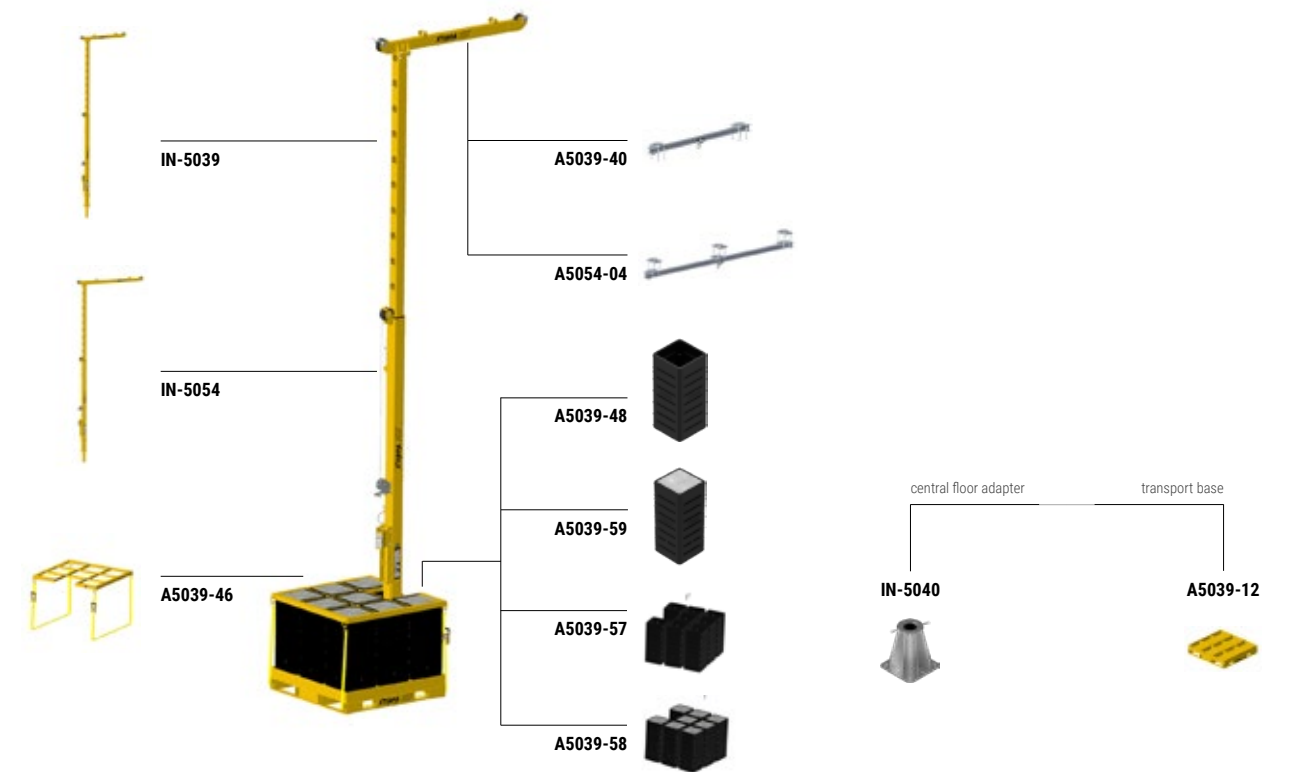
ManHole Collar System

A lightweight, portable confined space access and rescue solution designed for water and wastewater operators working on round manholes, tanks, wet wells and underground assets. Using a compression-fit collar that mounts directly inside the manhole opening, the system creates a certified anchor point without the need for permanent fixings or surrounding support structures.

Available in a range of diameters to suit common utility access points, it is ideal for crews performing frequent inspections, maintenance and cleaning activities across multiple sites. Specialises in fast deployment, safe access and reliable rescue capability where space is limited or permanent anchor installations are impractical.



View it in VR



XLT System

A mobile fall protection and rescue solution designed for water utilities that need safe access to elevated assets without the complexity of permanent infrastructure. Ideal for working on tanks, reservoirs, clarifiers, chemical dosing facilities, loading areas and other elevated structures, the XLT provides a certified anchorage point with an adjustable working height from 4.6 to 7.6 metres and a 360-degree operating range.

The counterweighted design allows the system to be rapidly deployed on flat surfaces, making it well suited to temporary maintenance activities across multiple sites. Compatible with self-retracting lifelines, rescue winches and retrieval systems, the XLT combines fall arrest and rescue capability in a single solution, helping utilities improve worker safety, maintain compliance and reduce downtime during work at height operations.





Confined Space Entry/Rescue Kits

Whether you're accessing a confined space via a fixed ladder or through an opening without ladder access, SpanSet's Confined Space Access Kits provide a complete, compliant solution for safe entry, retrieval and rescue.

Designed for water, wastewater, utilities and industrial applications, each kit combines trusted equipment and practical configurations to help crews work safely and efficiently while meeting Australian and New Zealand standards.

Our range includes solutions for ladder and non-ladder access, with options featuring tripods, winches, retrieval devices, self-retracting lifelines and rescue equipment to suit a wide variety of site conditions and operational requirements.

From routine inspections and maintenance activities to complex confined space entries, SpanSet offers tailored scalable systems that can be created to your specific application, workforce and asset infrastructure.



SEE OUR KITS

Not sure which kit is for your site?

We specialise in providing expert advice on selecting the most suitable access and rescue solution. Our technical team will configure a compliant system that meets your operational needs while keeping your workers safe.



PERSONNEL + MATERIALS WINCH

The IKAR Personnel Winch provides controlled raising and lowering of personnel during confined space entry, making it ideal for water utilities working in pump stations, valve pits and treatment facilities.

Its robust galvanised steel rope construction and smooth operation help improve worker safety, simplify retrieval operations and support compliance with confined space rescue requirements.

ORDER CODE 2002227

Self Retracting Lifelines Inertia Reels

Our Self-Retracting Lifeline (SRL) range provides water and wastewater operators with reliable fall protection for both work at height and confined space applications.

Available in lightweight webbing models, durable steel cable versions and integrated recovery units, the range is designed to suit everything from treatment plants and reservoirs to pump stations, wet wells and sewer networks.

Built with robust aluminium or high-impact housings and corrosion-resistant components, these German-engineered devices are designed to withstand harsh utility environments while delivering smooth operation, improved worker mobility and compliance with Australian and New Zealand height safety requirements.



SEE THE RANGE

Self-Retracting Lifeline with Recovery Function

The SpanSet Self-Retracting Lifeline with Recovery Function helps water utility workers safely access confined spaces by providing continuous fall protection and enabling rapid retrieval of a worker in an emergency, reducing rescue response times and improving site safety.

LENGTHS
18m 24m
30m 40m
65m



DSL-3 Twin Type 2 Device

DSL-3 Single Type 2 Device

Heavy Duty Tripod



SpanSet®

SAFETY HARNESSSES



SEE OUR HARNESS RANGE

ERGO iPLUS HARNESSSES

The Ergo iPlus harness is a premium, full-body harness featuring patented iWeb™ webbing, which has a contrasting red core that becomes visible if the webbing is cut or abraded, providing a clear inspection criterion. This harness is also designed for all day comfort, with padding and quick-connect buckles.

iWeb™ Webbing

WATERWORKS HARNESS

Designed specifically for water utility workers, our WaterWorks Harness gives all-day comfort, durability and safety when working in pump stations, treatment plants, reservoirs and confined spaces. Built to withstand harsh environments and frequent use, it helps crews stay compliant and comfortable.

4040 + 4050 PULLEY SYSTEMS

A compact, pre-rigged mechanical advantage system designed to make lifting, lowering and rescue operations safer and more efficient in confined space environments.

Ideal for water and wastewater applications such as pump stations, wet wells, tanks and underground infrastructure, the system reduces the physical effort required to raise or retrieve personnel and equipment while maintaining greater control during rescue operations.

Lightweight, portable and quick to deploy, the 4040 and the 4050 Pulley Systems helps utility crews improve emergency preparedness, reduce manual handling risks and perform confined space rescues more effectively when every second counts.

ERGONOMIC SUPPORT REDEFINED



SEE AUXIVO

AUXIVO EXOSKELETON



SpanSet's AUXIVO range gives advanced ergonomic support, designed to reduce physical strain in demanding work environments. Developed in Switzerland, Auxivo exoskeletons use intelligent, passive technology to support lifting, carrying and overhead tasks while allowing natural movement and all-day comfort.

Lightweight, durable and easy to integrate into existing workflows, the range helps reduce fatigue, support injury prevention and improve workforce sustainability. As the leading provider of Auxivo in Australia, SpanSet offers expert guidance, flexible hire options to ensure each solution is correctly selected, fitted and adopted for real world, everyday use.

Water treatment and supply facilities present some of the most demanding height safety and confined space challenges in Australian industry – narrow walkways, ageing infrastructure, strict regulatory environments, and the constant pressure to keep operations running.

SpanSet brings the engineering capability to solve problems that off-the-shelf solutions can't. As authorised Australian distributors of the Xtirpa confined space systems, we design and certify complete height safety solutions tailored to your site – not adapted from a catalogue.

Every solution we deliver comes with a clean, auditable compliance chain aligned to WH Regulations and Australian Standards, so your team can enter confined spaces with confidence and your organisation can face any audit without hesitation.

Why Choose SpanSet?



MADE IN AUSTRALIA

SpanSet products are proudly manufactured in Emu Plains, NSW, by a skilled local workforce dedicated to delivering the highest levels of quality and reliability.

By manufacturing locally, we maintain full control over every stage of the process, ensuring our straps, slings, and safety systems meet the demands of Australia's crane industry and the harsh conditions you work in.

Choosing SpanSet means supporting local jobs while gaining equipment built to Australian standards and backed by responsive, on-the-ground service.



COMPLIANCE & ISO CERTIFICATION

At SpanSet, compliance is more than just a box to tick; it's embedded in how we operate. Our business is certified to internationally recognised ISO standards, covering quality management (ISO 9001: 2015), environmental responsibility (ISO 14001: 2015) and occupational health and safety (ISO 45001: 2018).

For water businesses, this means working with a partner who demonstrates consistent processes, traceability, and a commitment to continuous improvement.

Unlike suppliers without ISO certification, SpanSet provides assurance that every product, service and system is backed by rigorously audited standards.

The result is reduced risk, smoother compliance for your business and the confidence that you're working with a manufacturer who takes safety, quality and responsibility as seriously as you do.

HEIGHT SAFETY LIFTING LOAD CONTROL ERGONOMICS



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