



TEMPORARY WORKS
SPECIALISTS



Swift. Smart. **Specialist**

Equipment Hire Catalogue

WHAT MAKES US DIFFERENT

Swift.

NO RED TAPE, JUST REAL HELP. FAST.

We're a family-run business that moves fast because we care. No departments, no passing the buck—just direct help from someone who knows their stuff.

One call. No hold times. No call-backs. Just action.

Smart.

SMART SYSTEMS. SIMPLE HIRING. NO PAPER CHAINS.

Our tech handles the heavy lifting—fast quotes, easy booking, real-time tracking, and seamless invoicing, approvals and payments.

Smarter systems. Smoother jobs. Faster payments.

Specialist.

FOCUSED EXPERTISE. THE RIGHT GEAR. FIRST TIME.

We don't do a bit of everything. We focus on what matters—and know it inside out. Our team of legendary experts is here to offer advice, troubleshoot issues, and make sure your job keeps moving.

Real expertise. Better answers. Gear that fits the job.

FAMILY OWNED AND OPERATED

Legend Hire is an Australian-owned family business, backed by the Joyce family who founded Jaybro and Orange Hire. We bring deep industry roots, hands-on experience, and a strong track record of building reliable, customer-first hire businesses from the ground up.

We go beyond simply providing equipment; we are committed to offering innovative, safe, and efficient temporary works solutions that enable our clients to complete projects with confidence. Our diverse range of products is complemented by an unwavering commitment to service excellence.

At Legend Hire, we redefine what it means to hire equipment. Our focus on expertise, state-of-the-art equipment, and transparency distinguishes us in an industry where profit often takes precedence over people. Our skilled team ensures that every project benefits from industry-leading capabilities in engineering, manufacturing, transport, and on-site installation.

As a family-owned Australian business, we take great pride in supporting the communities where we operate, contributing to the success and safety of every project we touch. We accept nothing less than legendary people, advice and equipment.

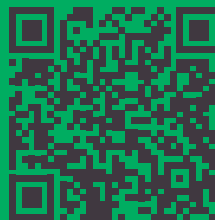
Complete our fast & easy online account application.

Online applications approved fast.

Hire on 30 days terms and get the products you need, when you need them.

- ✓ **Apply online in 5-10 minutes**
- ✓ **Receive a response in 48 hours**

**Legend
HIRE**



**APPLY
TODAY**

Everything you need.

The Legend Hire Customer Portal puts your equipment, documents and bookings at your fingertips.

Real-time visibility

See what you need, when you need it.

Smarter decisions

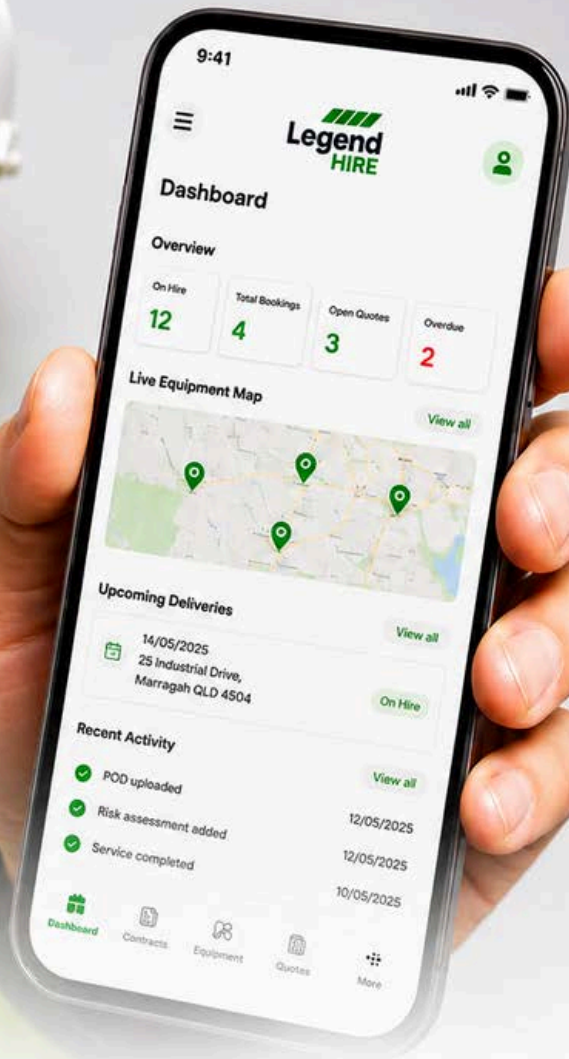
Access the right information to plan with confidence.

Safer outcomes

Stay compliant and manage risk with ease.

Complete confidence

Everything in one secure, easy-to-use place.



Access everything in one place



Proof of Delivery

View and download PODs instantly.



Risk Assessments

Access and manage all risk assessments.



Service History

Track equipment servicing and maintenance.



Contracts & Documents

View and download contracts and important docs.



Compliance Documents

Keep your compliance documents in one place.



Hire Period Visibility

See hire dates and status at a glance.



Safer Worksites

Access the right docs and information, every time.



Save Time

Find what you need, faster.



Improve Visibility

Live tracking of gear, contracts and deliveries.



Smarter Decisions

Data and insights to keep your projects on track.



Need support?

Our team is here to help you get the most out of the Legend Hire Customer Portal.



Access it now at

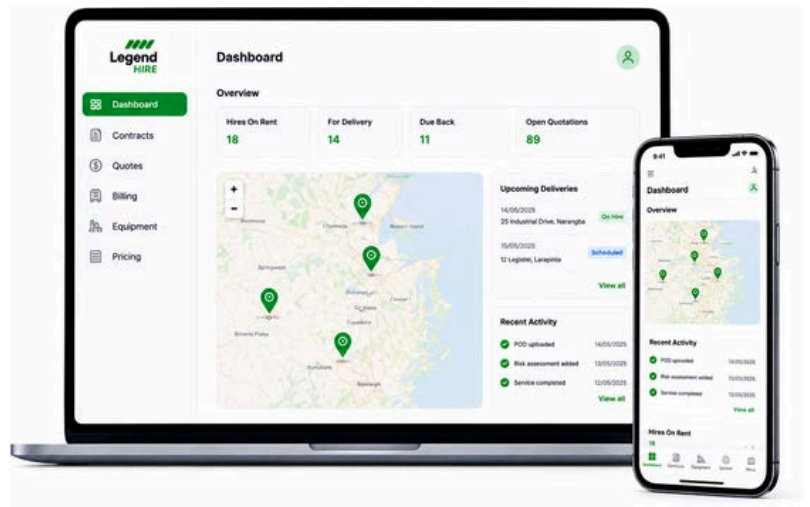
<https://my.legendhire.com.au/>

All in one place.

All your key information, instantly accessible.

Built for the Way You Work

- ✓ Access from any device
- ✓ Simple to use
- ✓ Secure and reliable
- ✓ Designed for construction



Your Project Records, Ready When You Need Them

Find the right record in seconds all connected to your hire.



Know What's Happening

- ✓ Equipment currently on hire
- ✓ Upcoming deliveries & collections
- ✓ Hire dates and locations
- ✓ Current contract status



From Delivery to Off-Hire

Follow your hire from start to finish with a clear record of every key milestone.



Booked

We confirm your booking



Delivered

Equipment is delivered on site



On Hire

It's on hire and ready to use



Collected

We collect on agreed date



Complete

Hire is complete and closed out

How It Works

1



Get Access

Sign in to your portal account.

2



Log In

Access your dashboard anytime, anywhere.

3



View & Manage

Track gear, contracts and deliveries.

4



Stay in Control

Make informed decisions and keep projects safe.



Shoring · Propping · Back-propping · Trench support

Temporary Works Design, *done faster.*

Shoring, propping and every temporary works design — engineered by specialists who know what actually gets built on site.

Decades in the trench

50+ years of combined temporary works experience. We've solved it before, so the right answer lands first time.

Specialists, not generalists

Shoring and propping is all we do. Designs are sized for the job buildable, safe, never over-engineered.

Certified in-house

Every design reviewed and signed by a qualified Temporary Works Engineer before it leaves the office.

50+ yrs

Combined temporary works, shoring and propping experience.

CPEng

In-house team accredited with Engineers Australia.

RPEQ

Registered with the Board of Professional Engineers of Queensland.

Decades of shoring and propping behind every design. Never over- or under-engineered.

HOW WE KEEP YOU MOVING

Fast, because we're local.

Engineers in your state, automated drawings, and one review that counts.

01

On site same day

A specialist in every region
— on your site or on a
Teams call today, not
next week.

02

Concepts back fast

Streamlined processes
reduce turnaround times, so
concepts can often be
returned the same day.

03

Reviewed and approved

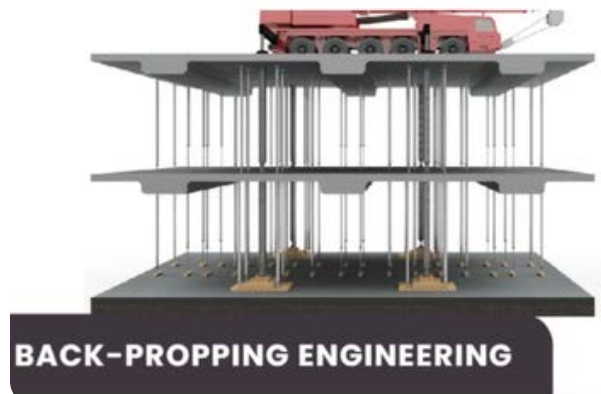
Every design is checked and
approved by a qualified
Temporary Works Engineer
before it is issued.

WHAT WE DESIGN



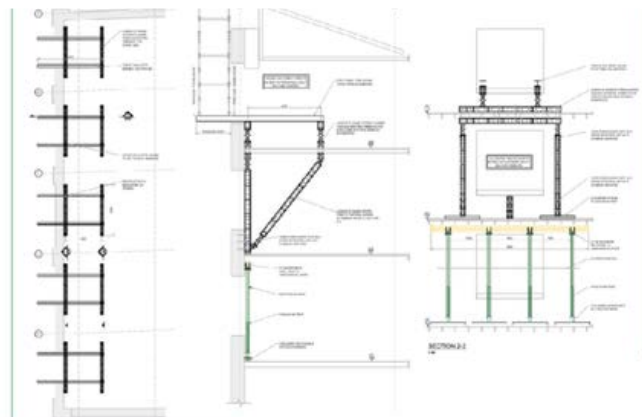
ON SITE

Trench support solutions



BACK-PROPPING ENGINEERING

Back-propping engineering



Propping design



Propping plans

Whether it is a trench support solution, a back-propping design or a complex temporary works challenge, you are working with engineers who know the equipment, understand site conditions and design around the safest and most efficient way to complete the job.

Send us your drawings. We'll send back a solution.

legendhire.com.au · Talk to your local temporary works engineer

LEGENDARY EQUIPMENT

Specialist hire solutions. Engineered for safety. Delivered with speed, backed by expertise.



SHORING HIRE

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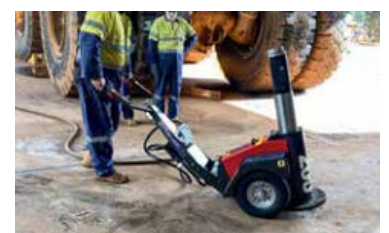
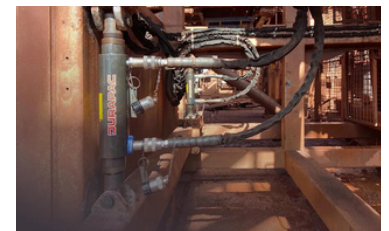
PROPPING HIRE

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JACKING HIRE

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Swift. Smart. Specialist

TRAFFIC HIRE PAGE 88



EARTHMOVING HIRE PAGE 96



**available in QLD only*

NEED A HAND?

Talk to a hire specialist.



1300 890 890

legends@legendhire.com.au



SHORING HIRE

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Your dig, drawn in 3D before a single bucket moves.

CONCEPT ONLY

In-house CAD design team

Free with every enquiry — in your inbox in under 12 hours.

Tell us the dig on the phone and our CAD team models it — your excavation, your ground, your shoring system, set in place exactly as it would be installed. You get a 3D concept you can put straight in front of the property owner, the neighbours and your client. No design fees, no obligation.

1

Everyone sees the same job

Owners, neighbours and crews stop guessing off a plan view. One picture ends the debate about what's going in the hole.

2

Problems found on screen

Access, services, benching and plant clashes show up in the model — not at 6am with an excavator idling.

3

It helps you win the work

A costed option with a 3D concept attached reads like a solved problem. Quotes without one read like a maybe.

Ring us with the dig — we'll model it free, in under 12 hours.

1300 890 890

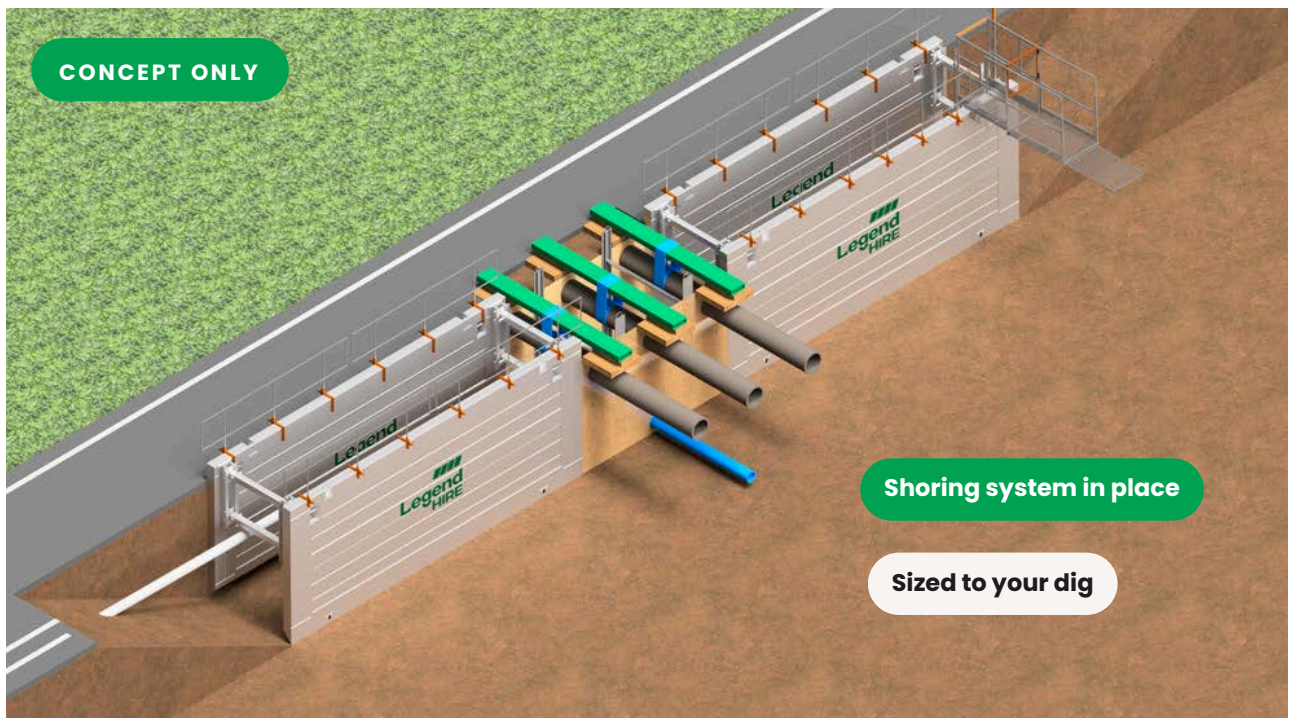
legends@legendhire.com.au

Concept illustration only — not an engineered design or for construction.

WHAT THE 3D CONCEPT SHOWS

See the exact solution before anyone digs.

Your concept isn't a generic picture. We model **your excavation** — built to the dimensions, depth and ground conditions you give us on the phone — with the recommended shoring system set in place exactly as it would be installed. What you present is what gets dug.



Your exact excavation

Modelled to the dimensions, depth and ground conditions from your call — not a stock template.



The recommended system

Steel, aluminium or slide rail, shown in position exactly as it would be installed on site.



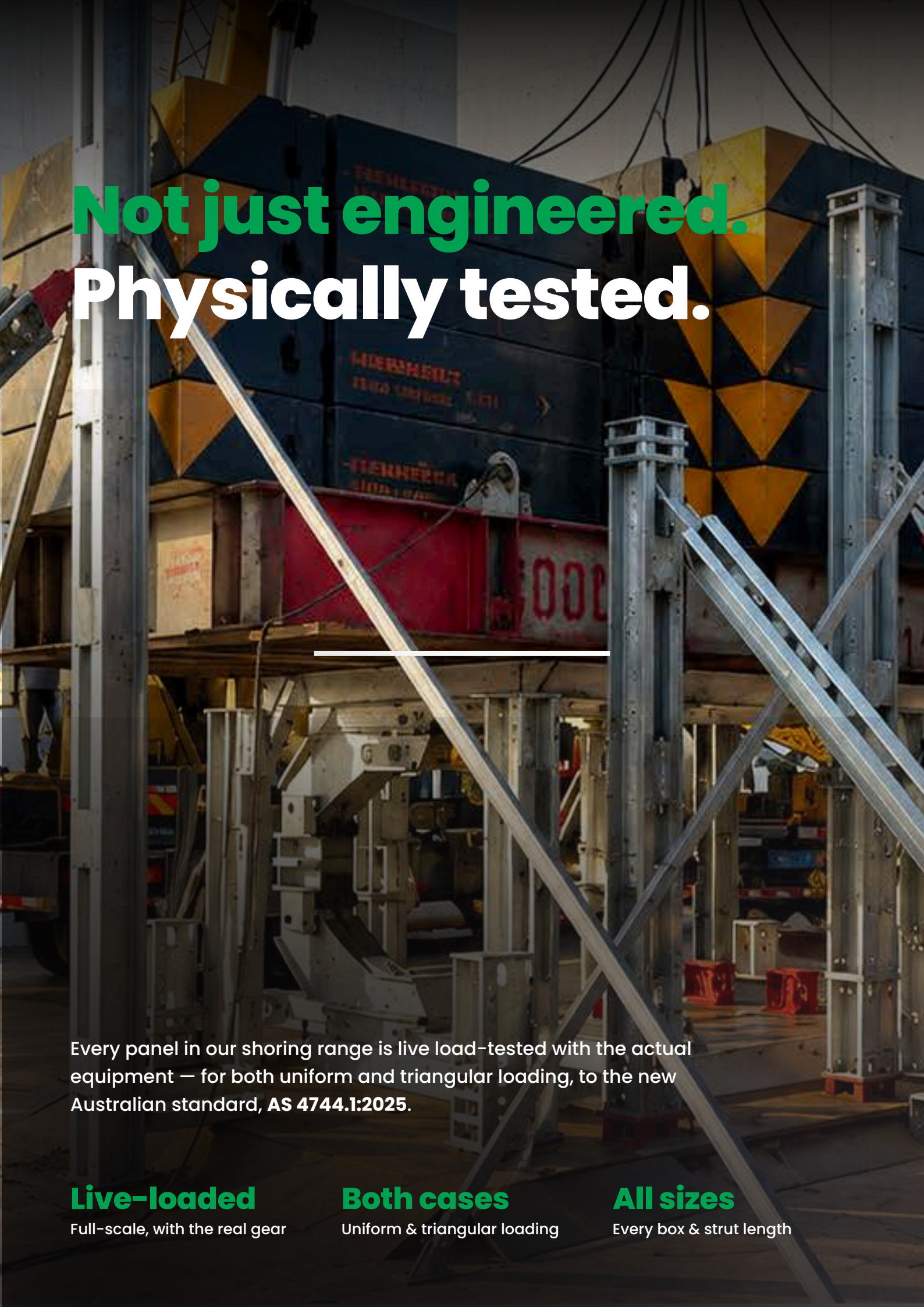
Real site context

The surrounding ground, boundaries and access, so everyone can picture the finished job.



Something to present

A clear, shareable visual for the owner, the neighbours and your client — before anyone commits.



Not just engineered. Physically tested.

Every panel in our shoring range is live load-tested with the actual equipment — for both uniform and triangular loading, to the new Australian standard, **AS 4744.1:2025**.

Live-loaded

Full-scale, with the real gear

Both cases

Uniform & triangular loading

All sizes

Every box & strut length

SHORING — OUR TESTING PROCESS

OUR TESTING PROCESS

Our shoring range is engineered and then physically proven — loaded on a purpose-built rig to its rated working loads, with real equipment, across every box size and strut length in the range. The same testing gives each panel its rated capacity for both uniform and triangular loading under the new standard.

01

Engineered First

Our shoring range is engineered and then physically proven — loaded on a purpose-built rig to its rated working loads and ultimate loads, with real equipment, across every box size.

02

Physically Live-Loaded

Then proven for real — the actual equipment loaded to its rated capacity, with deflection measured.

03

Both Loading Cases

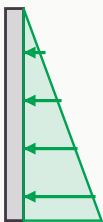
Tested for uniform *and* triangular loading — the two load distributions as per the new standard requirements.

04

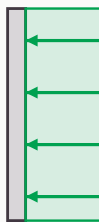
Right Across the Range

Small boxes to large, every panel size— so the gear you hire is backed by a test on that setup.

Triangular



Uniform



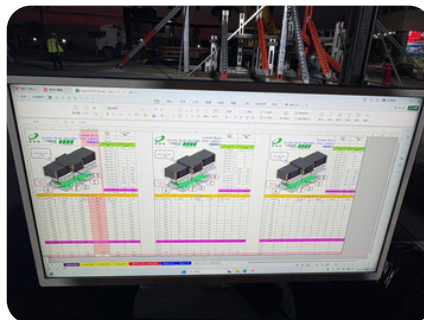
Max at base **Constant, full height**

Why We Test Both

Triangular distribution the soil pressure increases linearly with depth. With its maximum at the base of the excavation.

Uniform distribution is the same pressure from top to bottom, stays constant through the full depth of the excavation.

A panel can behave very differently under each, so the new standard requires both to be checked.



Testing described applies to Legend Hire's shoring range. Ask us for the certified rated capacities and deflection figures for a specific box and strut configuration.

LEGEND PRO ALUMINIUM SHORING BOX

LEGEND PRO Aluminium Shoring Box

The Legend Pro Aluminium Shoring Box is an advanced lightweight shoring system engineered for high-performance civil excavation. Built from high-strength aluminium alloy (6061-T6) with a raw galvanised finish and certified to AS 4744.1:2025.

Every panel carries a traceable serial number and is foam-filled as standard. Available in lengths from 1.8 m to 7.2 m using 116 mm or 166 mm panel profiles, with a range of universal strut lengths. Legend Pro Boxes also suit our Griffo Arch Spreader, please refer to the Griffo Arch Spreader technical data for more information.



KEY FEATURES & BENEFITS

- **High-strength alloy:** 6061-T6 aluminium — maximum strength-to-weight ratio.
- **Dual panel series:** 116 mm profile (1.8–4.0 m) and 166 mm profile (5.0–7.2 m).
- **AS 4744.1:2025 certified:** every panel traceable with a unique serial number.
- **Foam-filled as standard:** prevents water ingress and maintains panel rigidity.
- **Raw galvanised finish:** bare aluminium built for demanding site conditions.
- **Strut options:** from 455 mm–5743 mm — configure for any trench width.
- **8 panel lengths:** 1.8 m compact to 7.2 m heavy-duty.

LEGEND PRO ALUMINIUM SHORING BOX

LEGEND PRO Available Panel Sizes

BASE BOX — LOWER PANELS

Dimensions (L x H m)	Under Strut Clearance (mm)	Strut-Strut Clearance (mm)	Panel Thickness (mm)	Panel Weight kg	Box Weight with 1m Struts (kg)*	Triangular Loading (kPa)	Uniform Loading (kPa)
1.8 x 2.4	1400	1363	116	403	951	80	41
2.4 x 2.4	1400	1963	116	480	1105	80	41
3.0 x 2.4	1400	2563	116	558	1261	75	38.5
3.5 x 2.4	1400	3063	116	622	1389	70	36
4.0 x 2.4	1400	3563	116	678	1501	65	33.5
5.0 x 2.4	1400	4563	166	1095	2335	80	41
6.0 x 2.4	1400	5563	166	1296	2737	70	36
7.2 x 2.4	1400	6763	166	1535	3215	55	28

116 mm profile: 1.8–4.0 m · 166 mm profile: 5.0–7.2 m * Strut size SHS125x10mm. Weight: 36kg/m approx.

EXTENSION BOX — UPPER PANELS

Dimensions (L x H m)	Under Strut Clearance (mm)	Strut-Strut Clearance (mm)	Panel Thickness (mm)	Panel Weight kg	Box Weight with 1m Struts (kg)*	Triangular Loading (kPa)	Uniform Loading (kPa)
1.8 x 1.7	900	1363	116	329	803	80	41
2.4 x 1.7	900	1963	116	387	919	80	41
3.0 x 1.7	900	2563	116	448	1041	75	38.5
3.5 x 1.7	900	3063	116	498	1141	70	36
4.0 x 1.7	900	3563	116	545	1235	65	34
5.0 x 1.7	900	4563	166	925	1995	80	41
6.0 x 1.7	900	5563	166	1025	2195	75	38.5
7.2 x 1.7	900	6763	166	1208	2561	60	31

116 mm profile: 1.8–4.0 m 166 mm profile: 5.0–7.2 m

Strut-Strut Clearance: distance between the inner faces of opposing panel end brackets (panel width less 437mm fixed bracket allowance).



LEGEND PRO ALUMINIUM SHORING BOX

LEGEND PRO Available Strut Lengths

Universal struts suit all panel sizes across the range.

Length (mm)	Internal Clearance (mm)	External Clearance (mm) 116 mm profile (1.8–4.0 m panels)	External Clearance (mm) 166 mm profile (5.0–7.2 m panels)
455	755	987	1087
580	880	1112	1212
705	1005	1237	1337
830	1130	1362	1462
955	1255	1487	1587
1080	1380	1612	1712
1205	1505	1737	1837
1368	1668	1900	2000
1493	1793	2025	2125
1618	1918	2150	2250
1743	2043	2275	2375
1868	2168	2400	2500
1993	2293	2525	2625
2243	2543	2775	2875
2455	2755	2987	3087
2493	2793	3025	3125
2743	3043	3275	3375
2993	3293	3525	3625
3243	3543	3775	3875
3493	3793	4025	4125
3743	4043	4275	4375
3993	4293	4525	4625
4243	4543	4775	4875
4493	4793	5025	5125
4743	5043	5275	5375
4993	5293	5525	5625
5368	5668	5900	6000
5493	5793	6025	6125
5743	6043	6275	6375

Strut size SHS125x10mm. Weight: 36kg/m approx.

SHORING HIRE

The diagram illustrates the Legend HIRE Base Shield system, a modular safety barrier. It consists of two main panels, each labeled 'Legend HIRE' with a green logo. The panels are connected by a 'Four point stacking system' and 'Reinforced top and bottom rail'. The panels are supported by 'Aluminium walers' and 'Reinforced end column'. The panels are also reinforced with 'Reinforced plates supplied as standard on 5m to 7.2m length shields' and 'Foam filled panels as standard'. The panels are connected by 'T-connector with heavy duty locking pins and keepers' and 'Wall spreaders for spans up to 4m'. The panels are also reinforced with 'Reinforced knife column' and 'High strength aluminium components'. The panels are connected by 'Base to extension shield connector' and 'Two-point lifting bars'.

Four point stacking system

Reinforced top and bottom rail

T-connector with heavy duty locking pins and keepers

Wall spreaders for spans up to 4m

Base to extension shield connector

Two-point lifting bars

Aluminium walers

Reinforced end column

Reinforced plates supplied as standard on 5m to 7.2m length shields

Foam filled panels as standard

High strength aluminium components

Reinforced knife column

BASE SHIELD

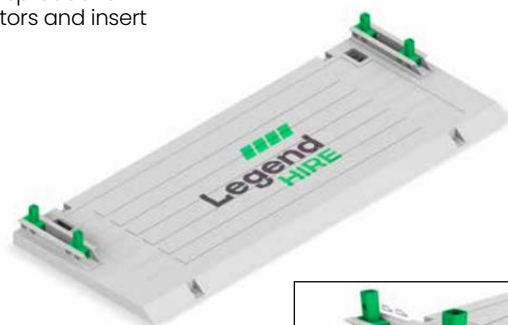
BASE SHIELD

LEGEND PRO ALUMINIUM SHORING BOX ASSEMBLY GUIDE

Lay both side panels on the ground



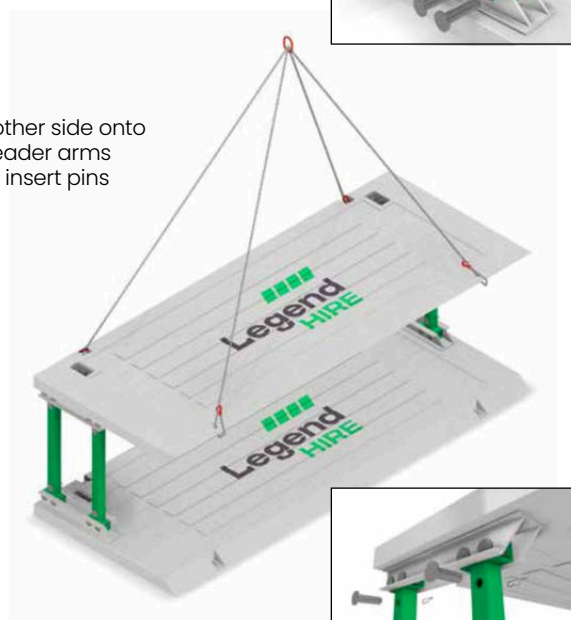
Position spreader arm connectors and insert pins



Add spreader arms to one side and insert pins



Lift other side onto spreader arms and insert pins



Lift and rotate shield



Insert completed shield into position



LEGEND ALUMINIUM SHORING

LEGEND Aluminium Shoring Box

Legend Aluminium shoring boxes are lightweight yet durable structures designed to provide robust protection against trench collapses and ensure a secure working environment for trenching and excavation projects.

KEY FEATURES & BENEFITS

- **Material:** High Strength Aluminium Alloy (6061-T6).
- **Dimensions:** Various sizes available (customizable upon request).
- **Weight:** Significantly lighter than steel alternatives, specific weights available per model.
- **Range:** Largest working range in the industry.
- **Height Clearance:** Adjustable vertical height clearance.
- **Operational Efficiency:** Lightweight nature and ease of handling reduce downtime and labor costs.
- **Cost-Effective:** Durable and reusable, providing long-term value for your excavation needs.
- Certified by US Professional Engineer.



ALUMINIUM SHORING BASE BOX (LOWER)

Dimensions (m)	Panel Thickness	Weight (2 x Panels) Kg	Pipe Clearance (m)	Length Between Spreaders	Shield Capacity (kPa)	
					Triangular Loading	Uniform Loading
1.8 x 2.4	100	800	1.4	1.3	140	110
2.4 x 2.4	100	970	1.4	1.8	90	75
3.0 x 2.4	100	1112	1.4	2.4	65	55
3.6 x 2.4	100	1310	1.4	3	75	45
4.0 x 2.4	100	1780	1.4	3.4	65	35
5.0 x 2.4	150	2600	1.4	4.2	55	35
6.0 x 2.4	150	3000	1.4	5.2	75	60

LEGEND ALUMINIUM SHORING

ALUMINIUM SHORING EXTENSION BOX (UPPER)

Dimensions (m)	Panel Thickness	Weight (2 x Panels) Kg	Pipe Clearance (m)	Length Between Spreaders	Shield Capacity (kPa)	
					Triangular Loading	Uniform Loading
1.8 x 2.0	100	770	0.9	1.3	330	210
2.4 x 2.0	100	910	0.9	1.8	260	180
3.0 x 2.0	100	1028	0.9	2.4	130	70
3.6 x 2.0	100	1126	0.9	3	85	55
4.0 x 2.0	100	1540	0.9	3.4	75	45
5.0 x 2.0	150	2324	0.9	4.2	85	50
6.0 x 2.0	150	2594	0.9	5.2	60	30

LEGEND Manhole Box

The enclosed Manhole Box is a reliable tool designed to boost safety and efficiency in trenching operations. Built for durability and ease of use, it provides additional enclosed support to protect workers during excavation projects and around areas that require secure access.

This trench safety equipment expands the protected area around manholes and trenches, and removes the need for extra steel plates. Ideal for stormwater and sewer pits, it enhances work area stability while simplifying your setup and reducing labour—making it a practical choice for challenging excavation sites.



Dimensions (m)	Panel Thickness	Weight (2 x Panels) Kg	Pipe Clearance (m)	Length Between Spreaders	Shield Capacity (kPa)	
					Triangular Loading	Uniform Loading
Lower - 2.5 x 2.5	100	1080	1.3	2.2	130	120
Upper - 2.5 x 2.5	100	860	0.7	2.2	100	80

BRISBANE, QLD

Legend Hire delivered a tailored multi-system trench shoring solution for a major Brisbane civil subdivision, where excavation depths varied from 2 m to 6 m across multiple work fronts. By combining VertiShores, steel shoring boxes and aluminium shoring boxes, our engineering team matched each system to the site's depth, soil conditions, access constraints and available excavator fleet.

With temporary works design issued the next day and equipment delivered shortly after, the contractor maintained productivity, improved safety and avoided costly programme delays while completing complex service trenching works across the development.

Multi-System Trench Shoring for a Brisbane Civil Subdivision



LEGEND STEEL SHORING BOX

LEGEND

Steel Trench Box

Legend Hire's rugged steel trench boxes are engineered to perform across a wide range of light to mid-weight shoring jobs. Available in 2m, 3m, 4m, 5m and 6m lengths, and compatible with a broad variety of struts, these steel boxes are a go-to solution for contractors needing reliable, adaptable protection.

Each unit is built with modular upper and lower panels that can be connected to reach greater depths, giving you the flexibility to scale for more demanding excavations. The knife-edge design makes it easy to dig and push through loose, sandy soils, while the foam-filled panels help keep water out—adding durability where it counts.



STEEL SHORING - BASE BOX (LOWER)

Dimensions	Panel Thickness	Weight (2 x Panels) Kg	Pipe Clearance (m)	Length Between Spreaders	Shield Capacity (kPa)	
					Triangular Loading	Uniform Loading
Plumber's Box 2.2	70	430	0.6	1.775	45	30
x 1.2 2.4 x 2.4	100	2180	1.2	1.825	127	112.5
3.0 x 2.4	100	2520	1.2	2.4	110	90
3.6 x 2.4	100	2840	1.2	3	82	70
5.0 x 2.4	100	3690	1.2	4.2	50	30
6.0 x 2.4	150	4150	1.2	5.2	55	30

STEEL SHORING - EXTENSION BOX (UPPER)

Dimensions	Panel Thickness	Weight (2 x Panels) Kg	Pipe Clearance (m)	Length Between Spreaders	Shield Capacity (kPa)	
					Triangular Loading	Uniform Loading
Plumber's Box 2.2 x	70	304	0.335	1.775	70	45
0.8 3.0 x 2.0	100	2000	0.9	2.4	200	127.5
3.6 x 2.0	100	2270	0.9	3	145	82.5
4.0 x 1.5	100	2040	0.55	3.4	125	80
4.0 x 2.0	100	2430	0.9	3.4	85	70
5.0 x 2.0	100	3000	0.9	4.2	80	45
6.0 x 1.5	150	2800	0.55	5.2	70	47.5
6.0 x 2.0	150	3440	0.9	5.2	60	35

LEGEND VERTISHORES

LEGEND HIRE

Vertishores

Vertishores (Hydraulic Vertical Aluminium Shores) are used to support the sides of a trench and prevent a trench collapse. These lightweight vertishores can be transported, installed, and removed safely and easily.

The vertishores are made of two rails and two hydraulic struts that can be used in conjunction with ex After opening, it is pressurised using a hydraulic hand pump which prevents cave-ins from happening. The hydraulic fluid is water-soluble, environmentally safe, and biodegradable.

These are typically used in linear trench applications and are installed outside the excavation. This tool is useful for repair and utility work such as sewer and water lines as well as any other projects that require effective spot bracing.

Note: To be used in cohesive soils only.

KEY FEATURES & BENEFITS

Hydraulic system: pressurised with a hydraulic hand pump — water-soluble, environmentally safe, and biodegradable fluid.

Lightweight aluminium rails: can be transported, installed, and removed safely and easily — reduces manual handling risk.

Three rail lengths: 1.050 m, 1.525 m and 2.100 m — suits trenches up to 3000mm deep and up to 2,110 mm wide.

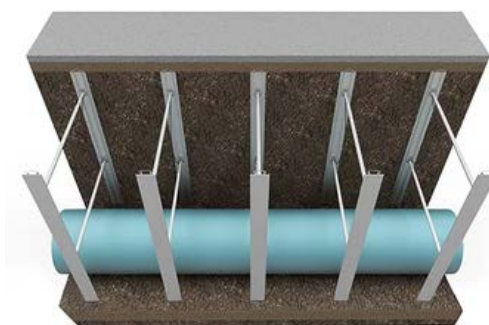
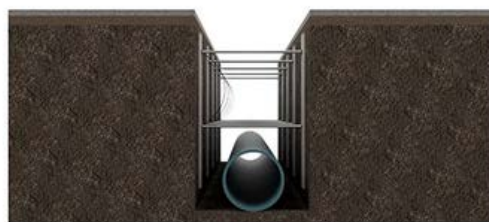
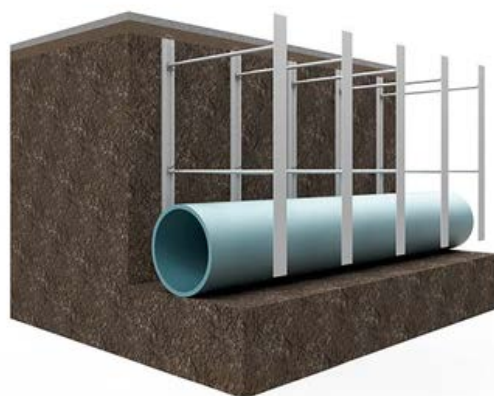
Installed from outside: workers never enter an unshored trench during install or removal.

Ideal for spot bracing: sewer, water and utility repair where a full trench box won't fit.

CERTIFICATIONS & STANDARDS

AS 4744.1:2025 — Shoring and Trench Lining; every unit tested and traceable

Year of Manufacture: 2025



LEGEND VERTISHORES

LEGEND HIRE Available Vertishores Lengths

Three rail lengths across 24 model configurations. Two cylinders per unit. Tested to AS 4744.1:2025.

AVAILABLE VERTISHORE LENGTHS

Model No.	Rail Length (mm)	No. of Cyl.	Min Width (mm)	Max Width (mm)	Max Depth (mm)
V1050-150	1050	2	585	840	2435
V1050-300	1050	2	735	990	2435
V1050-450	1050	2	890	1150	2435
V1050-600	1050	2	1040	1295	2435
V1050-750	1050	2	1190	1450	2435
V1050-1050	1050	2	1500	1750	2435
V1050-1200	1050	2	1650	1905	2435
V1050-1400	1050	2	1850	2110	2435
V1525-150	1525	2	585	840	2460
V1525-300	1525	2	735	990	2460
V1525-450	1525	2	890	1150	2460
V1525-600	1525	2	1040	1295	2460
V1525-750	1525	2	1190	1450	2460
V1525-1050	1525	2	1500	1750	2460
V1525-1200	1525	2	1650	1905	2460
V1525-1400	1525	2	1850	2110	2460
V2100-150	2100	2	585	840	3015
V2100-300	2100	2	735	990	3015
V2100-450	2100	2	890	1150	3015
V2100-600	2100	2	1040	1295	3015
V2100-750	2100	2	1190	1450	3015
V2100-1050	2100	2	1500	1750	3015
V2100-1200	2100	2	1650	1905	3015
V2100-1400	2100	2	1850	2110	3015

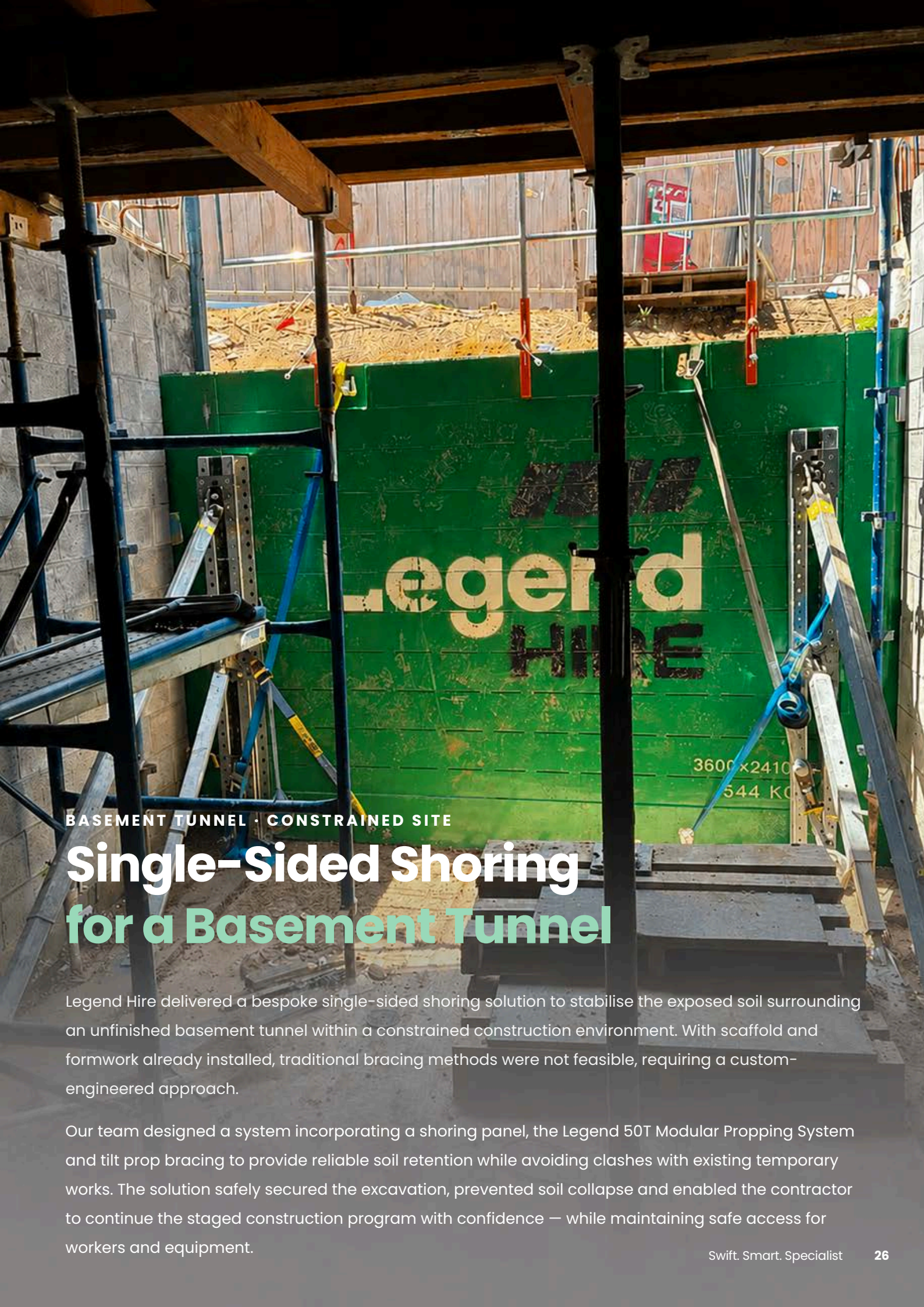
SYSTEM PERFORMANCE

Load Capacity (kPa)

Shore Spacing (m)	1.050m Rail	1.525m Rail	2.100m Rail
0.50	63	37	40
0.75	63	24	27
1.00	63	18	20
1.25	51	15	16
1.50	42	N/A	N/A
1.75	36	N/A	N/A
2.00	32	N/A	N/A

Certified to AS 4744.1. Load values (kPa) include surcharge, water and earth pressure. Spacing assumes the ground can span between vertishore positions – project engineer to confirm.

Model No. = rail length (mm) – width setting. Two hydraulic cylinders per unit.



BASEMENT TUNNEL · CONSTRAINED SITE

Single-Sided Shoring for a Basement Tunnel

Legend Hire delivered a bespoke single-sided shoring solution to stabilise the exposed soil surrounding an unfinished basement tunnel within a constrained construction environment. With scaffold and formwork already installed, traditional bracing methods were not feasible, requiring a custom-engineered approach.

Our team designed a system incorporating a shoring panel, the Legend 50T Modular Propping System and tilt prop bracing to provide reliable soil retention while avoiding clashes with existing temporary works. The solution safely secured the excavation, prevented soil collapse and enabled the contractor to continue the staged construction program with confidence — while maintaining safe access for workers and equipment.

LEGEND PRO & GRIFFO ARCH SPREADER

LEGEND PRO Griffo Arch Spreader

The Griffo Arch Spreader is a high clearance trench box system designed for use with Legend Pro Aluminium Shoring Boxes.

It provides up to 2400 mm of under-strut clearance, making it ideal for large-diameter pipe installation, boring pits, box culverts, twin pipes, and other applications requiring exceptional working room within the excavation.

The system is compatible with all Legend Pro shoring box sizes (1.8 m to 7.2 m), achieving internal trench widths from 1400 mm up to approximately 6500 mm by combining arch spreader end posts with modular beam sections.

KEY FEATURES & BENEFITS

- **Material:** steel Post and steel beams.
- **Modular design:** combine 125 mm, 250 mm, 500 mm, 1000 mm and 2000 mm beam sections.
- **AS 4744.1:2025 certified:** every panel traceable with a unique serial number.
- **High Clearance:** 2400mm under-strut clearance.
- **Raw galvanised finish:** built for demanding site conditions.
- **Simple Install:** Designed to be installed with a single excavator and lower-in-place technique.



CERTIFICATIONS & STANDARDS

AS 4744.1:2025 — Shoring and Trench Lining — every panel tested and traceable.

AS 4678:2002 — Earth Retaining Structures

AS 4100:2020 — Steel Structures

Year of Manufacture: 2026



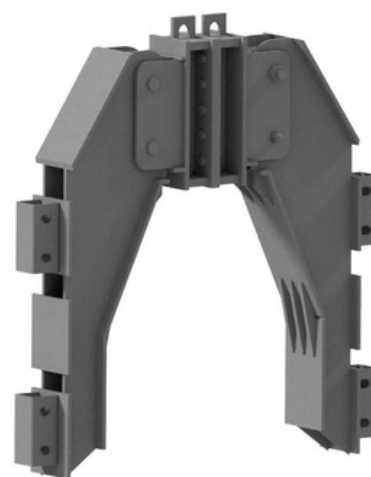
LEGEND PRO & GRIFFO ARCH SPREADER

GRIFFO ARCH SPREADER Components & Available Sizes

End Post-to-Beam and Beam-to-Beam connections are each made with 10×M20 bolts.

Component	Length	Weight
End Post	690 mm each	380kg
Beam Section	125 mm	55kg
Beam Section	250 mm	70kg
Beam Section	500 mm	110kg
Beam Section	1000 mm	169kg
Beam Section	2000 mm	306kg

* Specifications are approximate. Always confirm total system weight prior to lifting. Engineering advice available from Legend Hire. Certified to AS 4744.1:2025.

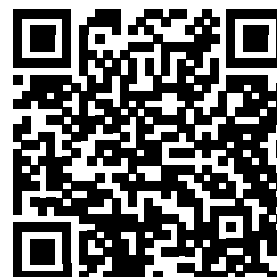


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Legend
HIRE



LEGEND PRO & GRIFFO ARCH SPREADER

LEGEND PRO

Available Panel Sizes

BASE BOX — LOWER PANELS

Dimensions (L × H m)	Under-strut Clearance (mm)	Panel Thick. (mm)	Panel Weight (kg)	Box Weight w/ 1m Struts (kg)	Triangular Loading (kPa)	Uniform Loading (kPa)
1.8 × 2.4	1400	116	403	951	80	41
2.4 × 2.4	1400	116	480	1105	80	41
3.0 × 2.4	1400	116	558	1261	75	38.5
3.5 × 2.4	1400	116	622	1389	70	36
4.0 × 2.4	1400	116	678	1501	65	33.5
5.0 × 2.4	1400	166	1095	2335	80	41
6.0 × 2.4	1400	166	1296	2737	70	36
7.2 × 2.4	1400	166	1535	3215	55	28

116 mm profile: 1.8–4.0 m · 166 mm profile: 5.0–7.2 m

* Strut size SHS125x10mm. Weight: 36kg/m approx.

EXTENSION BOX — UPPER PANELS

Dimensions (L × H m)	Under-strut Clearance (mm)	Panel Thick. (mm)	Panel Weight (kg)	Box Weight w/ 1m Struts (kg)	Triangular Loading (kPa)	Uniform Loading (kPa)
1.8 × 1.7	900	116	329	803	80	41
2.4 × 1.7	900	116	387	919	80	41
3.0 × 1.7	900	116	448	1041	75	38.5
3.5 × 1.7	900	116	498	1141	70	36
4.0 × 1.7	900	116	545	1235	65	34
5.0 × 1.7	900	166	925	1995	80	41
6.0 × 1.7	900	166	1025	2195	75	38.5
7.2 × 1.7	900	166	1208	2561	60	31

116 mm profile: 1.8–4.0 m · 166 mm profile: 5.0–7.2 m

LEGEND PRO & GRIFFO ARCH SPREADER

LEGEND PRO & GRIFFO ARCH SPREADER

Available Strut & Arch Spreader Lengths

Length (mm)	Internal Clearance (mm)	External Clearance (mm)		Griffo Arch Spreader Configuration
		116 mm profile (1.8–4.0 m panels)	166 mm profile (5.0–7.2 m panels)	
455	755	987	1087	N/A
580	880	1112	1212	N/A
705	1005	1237	1337	N/A
830	1130	1362	1462	N/A
955	1255	1487	1587	N/A
1080	1380	1612	1712	N/A
1205	1505	1737	1837	N/A
1368	1668	1900	2000	2 × End Post
1493	1793	2025	2125	2 × End Post + 1×125mm
1618	1918	2150	2250	2 × End Post + 1×250mm
1743	2043	2275	2375	2 × End Post + 1×250mm + 1×125mm
1868	2168	2400	2500	2 × End Post + 1×500mm
1993	2293	2525	2625	2 × End Post + 1×500mm + 1×125mm
2243	2543	2775	2875	2 × End Post + 1×500mm + 1×250mm + 1×125mm
2455	2755	2987	3087	N/A
2493	2793	3025	3125	2 × End Post + 1×1000mm + 1×125mm
2743	3043	3275	3375	2 × End Post + 1×1000mm + 1×250mm + 1×125mm
2993	3293	3525	3625	2 × End Post + 1×1000mm + 1×500mm + 1×125mm
3243	3543	3775	3875	2 × End Post + 1×1000mm + 1×500mm + 1×250mm + 1×125mm
3493	3793	4025	4125	2 × End Post + 1×2000mm + 1×125mm
3743	4043	4275	4375	2 × End Post + 1×2000mm + 1×250mm + 1×125mm
3993	4293	4525	4625	2 × End Post + 1×2000mm + 1×500mm + 1×125mm
4243	4543	4775	4875	2 × End Post + 1×2000mm + 1×500mm + 1×250mm + 1×125mm
4493	4793	5025	5125	2 × End Post + 1×2000mm + 1×1000mm + 1×125mm
4743	5043	5275	5375	2 × End Post + 1×2000mm + 1×1000mm + 1×250mm + 1×125mm
4993	5293	5525	5625	2 × End Post + 1×2000mm + 1×1000mm + 1×500mm + 1×125mm
5368	5668	5900	6000	2 × End Post + 2×2000mm
5493	5793	6025	6125	2 × End Post + 2×2000mm + 1×125mm
5743	6043	6275	6375	2 × End Post + 2×2000mm + 1×250mm + 1×125mm

* Strut size SHS125x10mm. Weight: 36kg/m approx.

Swift. Smart. Specialist

LEGEND PRO & GRIFFO ARCH SPREADER

Installation Procedure

The Griffio Arch Spreader is installed using a single excavator. Follow the steps below to assemble and install the system safely.

STEP 1. Prepare the Beam

Connection Section

Lay the arch spreader beam connection sections flat on a level, firm surface. Space them to match the water locations on the shoring box panels – verify spacing with a tape measure or use spacing chains equal to the water-to-water distance. Position the timber sleepers as well in which the end posts will be placed.



STEP 2. Connect to Beam

Sections & End Posts

Connect the appropriate beam sections (125 mm, 250 mm, 500mm, 1000 mm or 2000 mm, as required for the target trench width) to the beam connection sections laid on the ground. Available Strut Lengths table to determine the correct combination for your required width. Ensure all bolts are tightened.

Lay the arch spreader end posts on the ground using 1 × ¼-sleeper under the end post and 3 × ¼-sleepers beneath for support, ensuring the posts are correctly aligned with the beam connection sections. Once position install the M36 Bolt and Nut, ensure all bolts are well tightened, as this is a critical step.



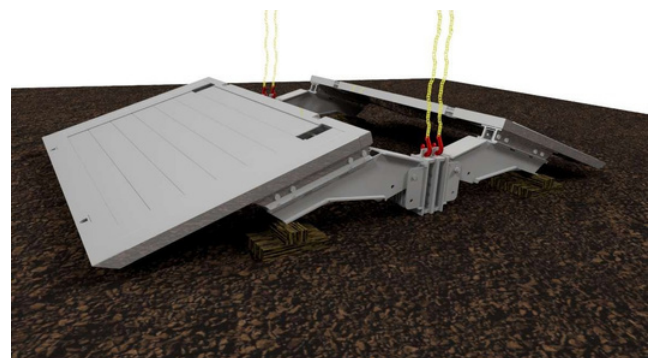
STEP 3. Lift and Lower the Shoring Panels

With the arch spreader assembly on the ground, lift the shoring panels using the excavator and lower them on top of the arch spreader end posts. Ensure both panels are seated correctly on the post. While the shoring box panels are still on the ground, install all connection pins through the panel and the arch spreader end post. Ensure all pins are fully inserted and secured with keepers before lifting.



STEP 4. Lift the Assembled System

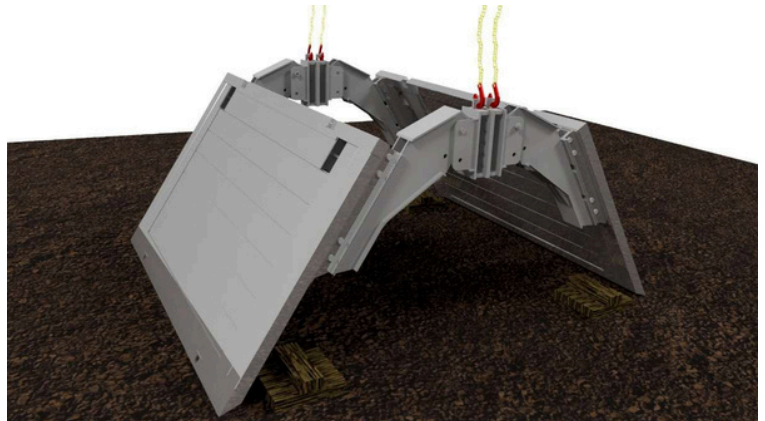
Lift the assembled system. Using certified lifting chains attached to the lifting points on the beam connection section, lift the complete box and arch spreader assembly slowly off the ground. Chains/slides must be at 45° to horizontal. Verify total system weight and confirm chain/sling capacity before lifting.



Installation Procedure

STEP 5. Install the Last Pin

Once the box is in the vertical position and still supported by the excavator via hanging chains, install the pins through the end posts to fully secure the box so it is self-supporting.



STEP 6. Install the Upper Extension Box (if required)

Once the base box is positioned in the excavation, stack the upper extension box panels using the panel connectors. Install struts at the upper level in accordance with the Griffio Arch Spreader configuration selected.



STEP 7. Install the upper extension box

(if required). Once the base box is positioned in the excavation, stack the upper extension box panels using the panel connectors. Install struts at the upper level in accordance with the selected Griffio Arch Spreader configuration.

STEP 8. Check & Inspect

With the system in position, inspect all pins, connections and struts before work commences. Confirm the shoring system is plumb with no movement or deformation.



LITEBOX SHORING

LEGEND

Litebox Shoring

The lightweight, modular trench support system. Litebox is a lightweight, modular trench support system designed to provide safe ground support in excavations. It is made up of aluminium panels, adjustable struts, and corner posts that can be configured to suit a wide range of site conditions and excavation layouts.

The modular nature of the system allows it to be assembled on site into two-, three-, or four-sided arrangements, with panels available in various lengths and heights. The system can also be stacked to achieve greater excavation depths of up to max. 5m deep, pending engineering review based on ground condition and surroundings.

This flexibility enables the box to be adapted to different trench depths, widths, and service penetrations, including situations where pipes or utilities pass through the excavation at varying levels or angles.

The box is usually installed using a dig-and-place method. Due to their low weight, the components can be handled manually or with small excavators, making the system well suited to confined sites, emergency works, and projects requiring rapid installation.



Panels

Available Sizes:
500(H) x 1550mm (L)
500(H) x 2000mm (L)
500(H) x 3000mm (L)



Struts

Available Sizes:
No.1 600-810mm
No.2 800-1210mm
No.3 1290-2180mm



Panel Connectors

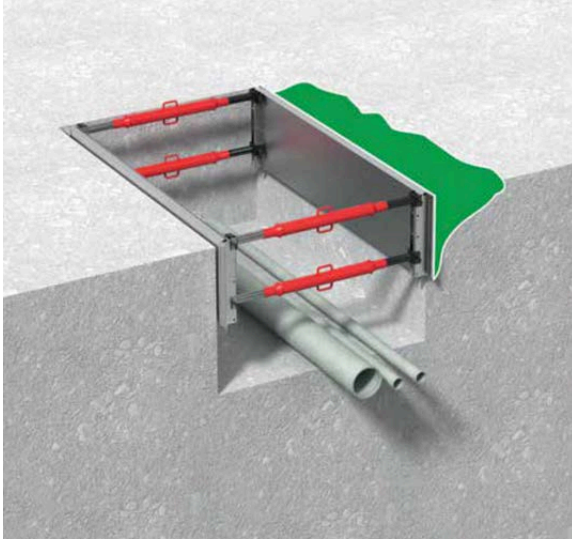
Available Sizes:
1350mm
1850mm
280mm



Manhole Corner Profile

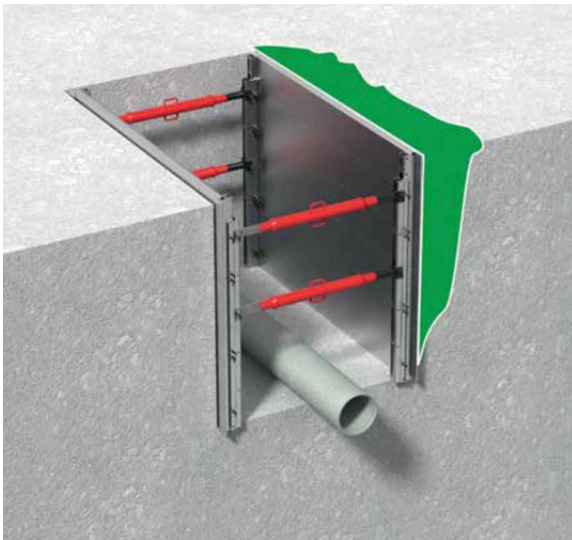


Universal Lifting Eye



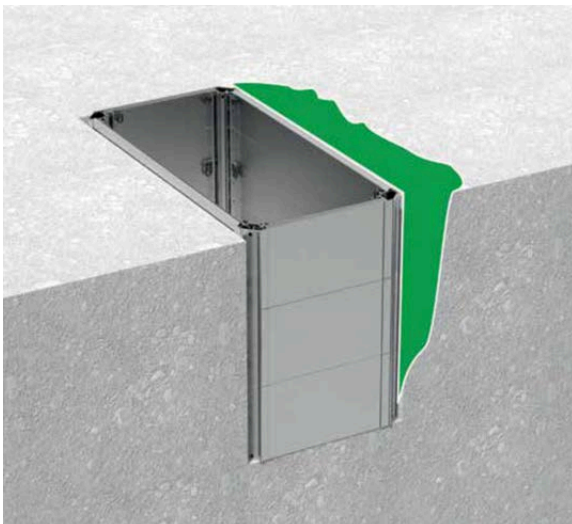
LITEBOX ALUMINIUM TRENCH EDGE SHORING

- Partial shoring for securing max. 1.75m deep trenches
- Can be installed by two persons without plant
- Suitable for stiff and cohesive soils as well as rocky ground



LITEBOX ALUMINIUM TRENCH SHORING

- Sides fully supported
- Can be installed by two persons without plant
- For use in max. 3 m deep trenches (max. 6 m deep also possible)
- Quick positioning, relocation and removal on site
- For soils that are stable for short periods



LITEBOX ALUMINIUM MANHOLE SHORING

- Sides fully supported
- Suitable for use in max. 6m deep shafts
- The solution for jacking and working pits
- For soils that are stable for short periods
- Clear working width: 1.03 – 3.12 m
- Suitable for supporting trench ends

Slide Rail Shoring Systems

Engineered for deep excavations. Built for complex projects.

Safe, reliable and adaptable support for deep excavations across civil and construction projects — engineered for strength and installed progressively as you dig, with minimal disruption to your schedule.

SAFER

Engineered components protect your crew and site.

FASTER

Dig-and-push install keeps your project moving.

SMARTER

Reusable components cut cost and waste.

FLEXIBLE

Configurable to suit a wide range of sites.

TRUSTED

Independently certified to Australian Standards.

SLIDE RAIL SHORING

LEGEND

Slide Rail Shoring

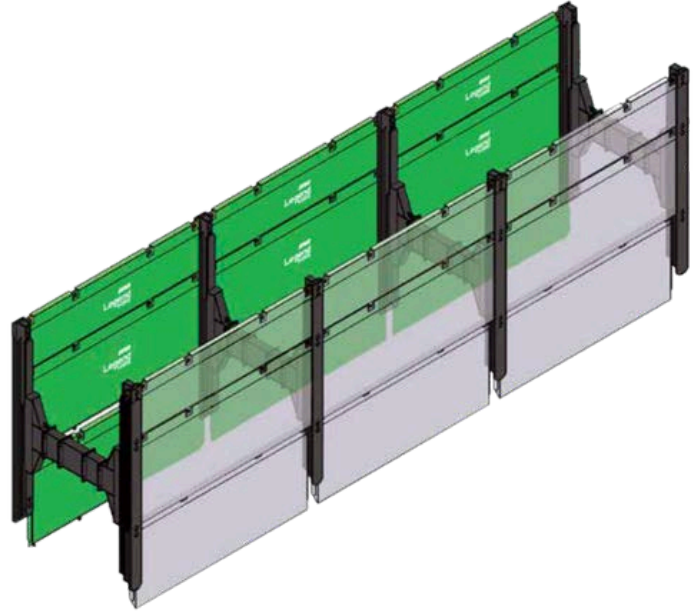
Safe, reliable, and efficient support for deep excavations across a wide range of construction and civil projects.

Using modular vertical rails and panels, the system is installed progressively as digging advances, ensuring continuous wall support and minimal soil movement.

Ideal for trenches, pits, vaults, and foundation works, Slide Rail Shoring is perfect for urban or industrial sites, including areas near sensitive structures or in challenging soil conditions. With flexible panel lengths and configurations, our systems can be adapted to meet any project requirement, offering a safer, faster, and more cost-effective alternative to traditional shoring methods.

KEY FEATURES & BENEFITS

- High-strength steel: engineered plates and rails designed and certified to AS 4100:2020 and AS 4744.1:2025
- Dig-and-push installation: the slide rail & rolling strut guide system lets the shoring be pushed down as excavation progresses — no need to enter the trench.
- Continuously variable strut clearance: rolling struts adjust freely along the slide rail for any required height.
- Dual plate series (700 Series): top plates (1350 mm) and base plates (2353 mm), each in 2.944 m and 5.524 m lengths.
- Single, Double & Corner slide rails: 750 Series (Double) and 790 Series (Single), with anti-twist locks on corner rails for square and rectangular pits.
- Configurable working widths: distance pieces from 0.25 m to 3.00 m, flange-mounted with M30 Grade 10.9 bolts, torqued to 1350 Nm.
- Deep trench capability: depths to 7.60 m without top rail, 9.00 m with top rail (top rails require site-specific engineering).
- Independently certified: every plate, rail, strut and distance piece is backed by FEA reports and structural certificate SSCE-26102-C1.



LEGEND HIRE SLIDE RAILS

AVAILABLE PLATE SIZES

Base Plates — 700 Series

Dimensions L × W × T (mm)	Series	Uniform WLL (kPa)	Triangular WLL (kPa)	Drawing No.
2944 × 2353 × 107	700	70.3	73.8	60 7001 000
5524 × 2353 × 130	700	43.4	51.0	60 7031 000

Base plates form the groundside (lower) shield and guide the outer slide rail. Plate thickness increases with length to maintain working load limit under earth pressure.

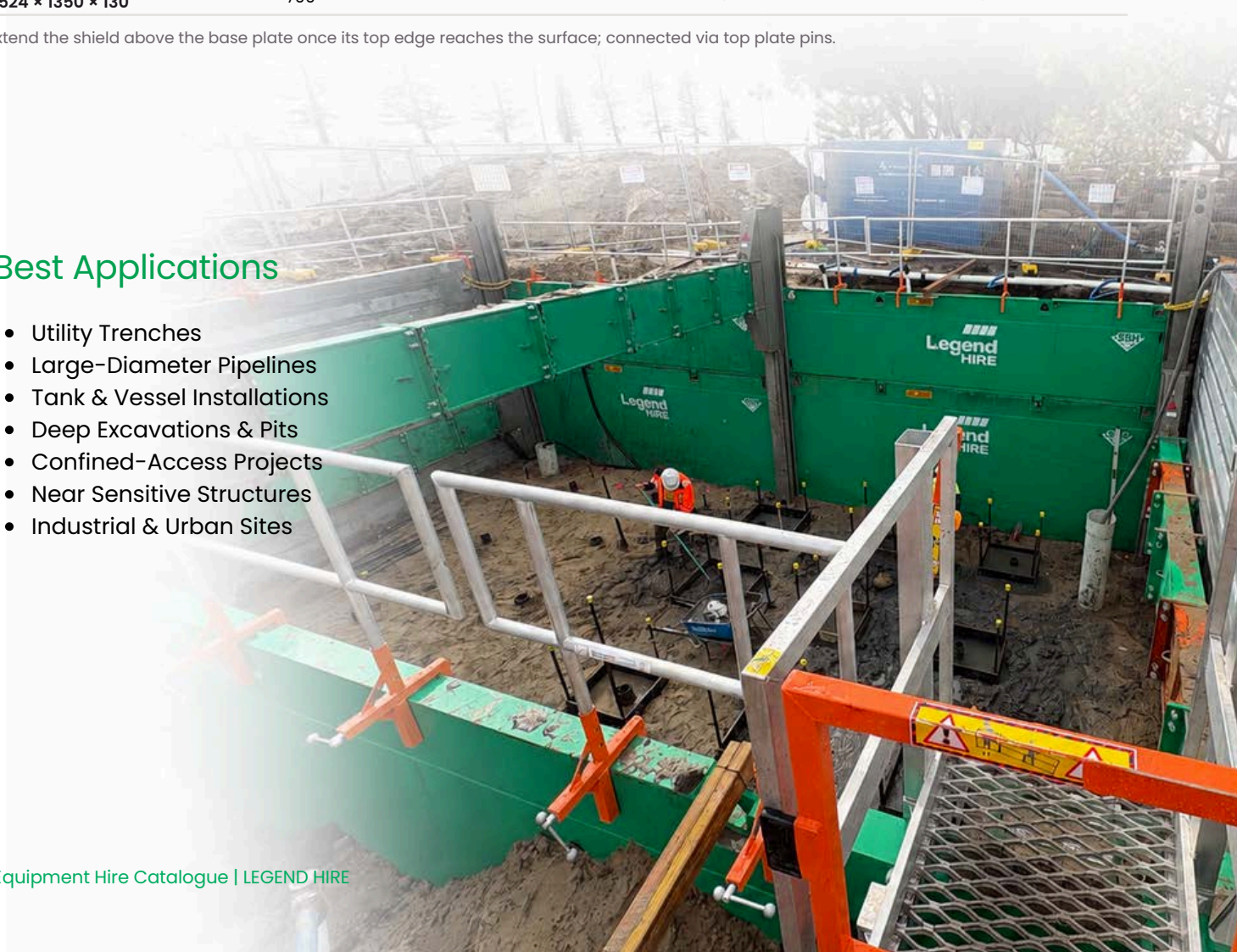
Top Plates — 700 Series

Dimensions L × W × T (mm)	Series	Uniform WLL (kPa)	Triangular WLL (kPa)	Drawing No.
2944 × 1350 × 106	700	70.3	99.8	60 7004 000
5524 × 1350 × 130	700	43.4	67.7	60 7032 000

Extend the shield above the base plate once its top edge reaches the surface; connected via top plate pins.

Best Applications

- Utility Trenches
- Large-Diameter Pipelines
- Tank & Vessel Installations
- Deep Excavations & Pits
- Confined-Access Projects
- Near Sensitive Structures
- Industrial & Urban Sites



LEGEND HIRE SLIDE RAILS

SLIDE RAILS, ROLLING STRUTS AND DISTANCE PIECES

Slide Rails

Description	Series	Length (mm)	Bending Moment (kNm)	Drawing No.
Single Slide Rail	790	3500	307	60 8002 002
Double Slide Rail	750	5500	672	60 8053 015
Corner Single Slide Rail (anti-twist locks)	790	3500	132	60 8030 017
Corner Double Slide Rail (anti-twist locks)	750	5500	328	60 8030 010
Top Corner Slide Rail	750	3000	—	99 8030 015
Top Double Slide Rail	750	3000	—	99 8057 000

Rolling Struts & Distance Pieces

Description	Series	Dimensions (mm)	Tensile (kN)	Compress. (kN)	Drawing No.
Rolling Strut (without A-Shape)	790	1240 × 620	100	639	99 0029 011
Rolling Strut (without A-Shape)	750	2040 × 620	200	780	99 0029 014
Distance Piece — L = 750 mm	790	—	100	639	99 0016 254
Distance Piece — L = 1000 mm	790	—	100	639	99 0016 222
Distance Piece — L = 750 mm	750	—	200	780	99 0016 219
Distance Piece — L = 1000 mm	750	—	200	780	99 0016 210

Distance pieces are also available in 0.25 m, 0.50 m and 2.00 m lengths to fine-tune working width. Attach with M30 Grade 10.9 bolts, one washer under bolt head and nut, tightened crosswise to 1350 Nm.

Protection Rails (Accessory)

Description	Dimensions (mm)	Manufacturing Drawing No.
Protection Rail	2730 × 410 × 110	99 0080 001
Protection Rail with Connector	4810 × 410 × 130	99 0083 002

Permitted tensile forces at individual attachment points: slide rail lifting eye 196 kN, slide rail guiding profile opening 164 kN, plate lifting eye 196 kN, plate cutting-edge eye 49 kN, rolling strut lifting eye 164 kN, distance piece hook-in eye 49 kN.

All values above are Working Load Limits / permitted design capacities certified under SSCE-26102-C1. This data sheet is for general reference only — all installations require a site-specific trench safety plan, engineering and a competent, trained supervisor. Refer to the full operation manual before use.

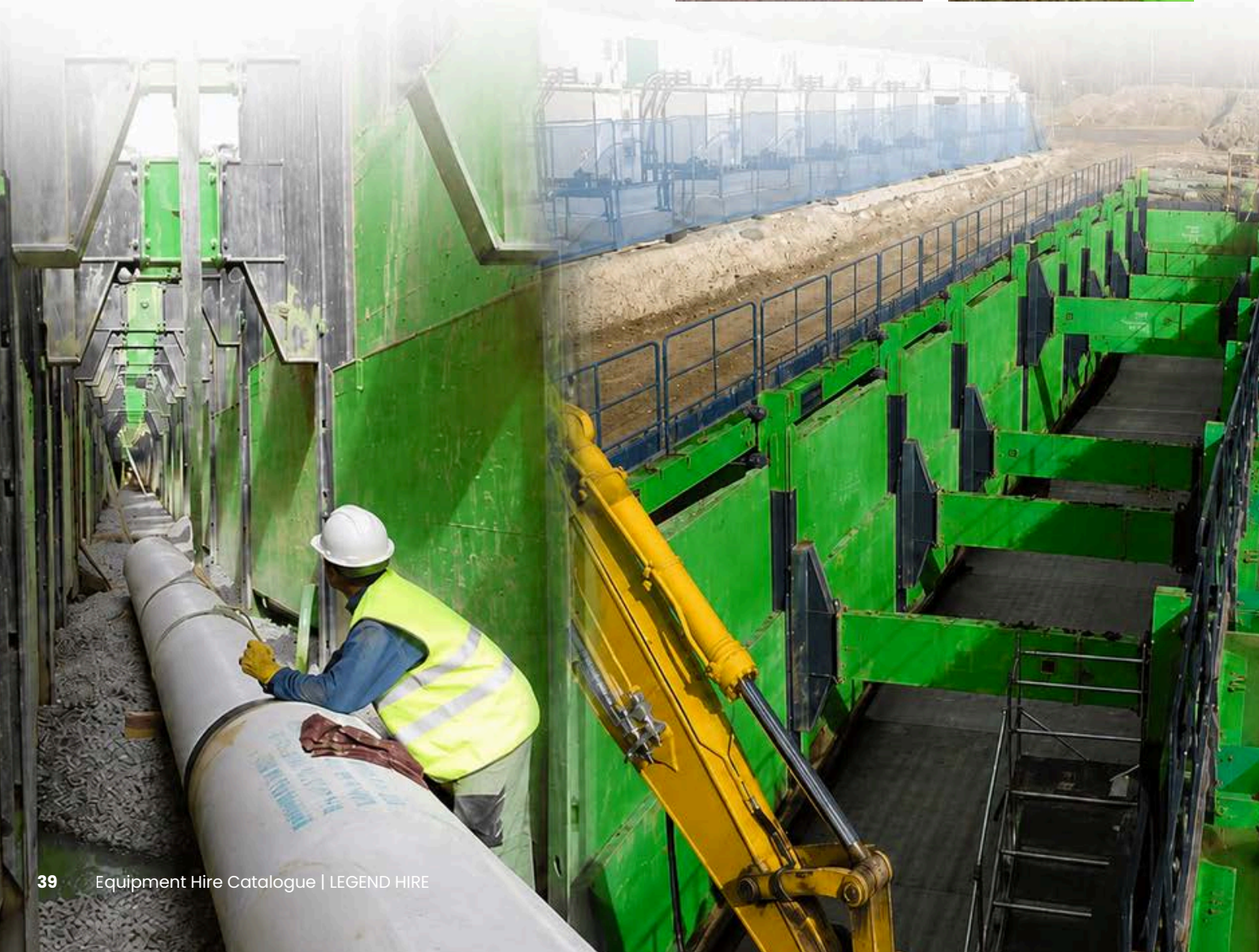
SLIDE RAIL SHORING

KEY INSTALLATION APPLICATIONS

- **Linear Trenches for Utilities** – Supports long trenches for water, sewer, and gas pipelines, adapting easily to different lengths and depths.
- **Bore and Receiving Pits** – Provides stable shoring for pits in directional drilling or boring projects, especially in urban areas.
- **Pump and Lift Stations** – Enables safe excavation for deep, confined installations of pump and lift station equipment.
- **Foundations and Footings** – Maintains wall stability for cast-in-place foundations and footings in varying soil types.
- **Soil Remediation Excavations** – Offers secure support for deep soil remediation works, reducing soil movement and contamination risk.
- **Confined Urban Sites** – Ideal for excavations in tight spaces or near existing underground utilities.
- **Vibration-Sensitive Areas** – Low-vibration installation protects nearby sensitive structures, such as hospitals or historic buildings.
- **Railroad and Roadway Crossings** – Maintains excavation stability under or near active roads and railway tracks.

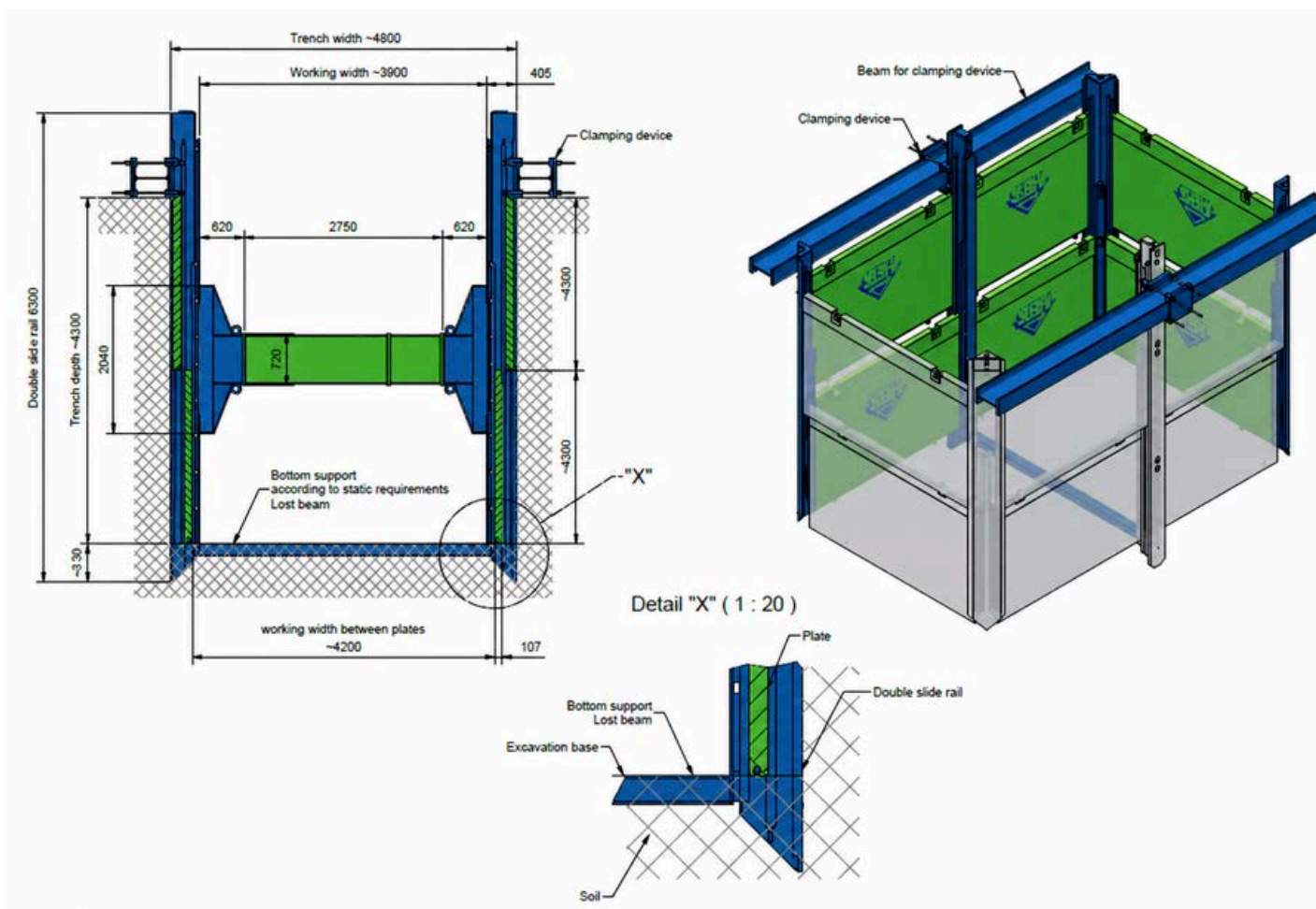
VERSATILITY

The Legend Hire double slide rail system offers versatile configuration options to suit a wide range of site requirements. Using 3.0 m and 5.5m panels, along with corner and rolling struts, various box sizes can be assembled to meet project needs.



Clamping Device & Bottom Support

A worked example of a clear-span configuration — how the components lock together to brace a wide excavation with no cross strut across the opening.



Clamping Device & Beam

A beam-mounted clamp locks each slide-rail post to the panels above ground, holding the whole frame square and rigid as the excavation goes down.

Bottom Support — Lost Beam

At the base, a lost beam ties opposing rails together and transfers load through the excavation floor — sized to the static requirements of each project.

Plate & Double Slide Rail

Steel plates slide inside the double rail's guideway, giving continuous groundside support the full depth of the trench — up to 6.5 m of rail in this example.

Why Choose Slide Rail?

A system engineered for the excavations trench boxes can't reach — deeper, tighter and closer to services, with continuous support installed from the surface.

01

Progressive Dig-and-Push

Installed from ground level — excavate in short increments and push the shoring down as you go.

02

Minimal Excavation Footprint

Ideal for tight-access sites and areas with limited headroom.

03

Works Around Services

Excellent support near existing services and sensitive infrastructure.

04

Flexible Configurations

Single, double and corner rails with adjustable working widths for any excavation.

05

No Piling Rig Required

Dig-and-push from the surface with an excavator — no piling contractor driving sheets into the ground.

06

Easier, Safer Removal

Pull it out panel by panel instead of lifting a whole box out — with tools to break suction on deep digs.





SLIDE RAIL SHORING SYSTEMS

How Slide Rail Works

Installed from the surface using the dig-and-push (cut-and-lower) method. The shoring descends with the excavation, so the ground stays supported the whole way down no gap, no open trench.



Continuous protection, built for safety

Slide rail delivers continuous wall support throughout the excavation, reducing ground movement and keeping crews out of an open trench — the ground is held the whole way down.



No gap, ever

Support advances with the dig — the trench is never left open below the shoring.



Crews stay protected

Walls are held before anyone enters, keeping workers out of unsupported ground.



Less ground movement

Continuous pressure limits settlement near services and adjacent structures.



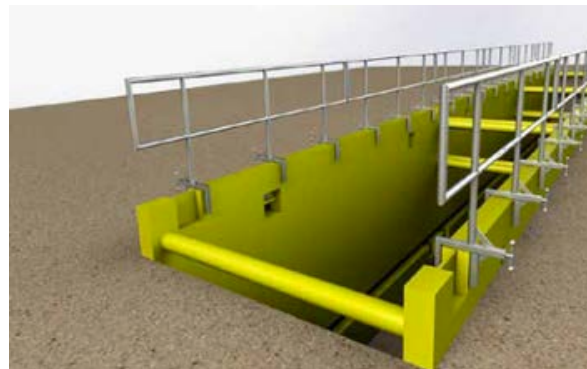
Faster, more efficient

Dig-and-push installation keeps your project moving with minimal disruption.

TRENCH SAFETY

Handrail System

Modular hand rail assemblies that fasten onto every Legend Hire shoring system. Each kit delivers a full three-rail barrier plus kick-board, giving you continuous protection around all walkways.



Ladder Access Platform

A heavy-duty AS compliant work platform that bolts directly onto Legend Hire shoring panels. It's fitted with a three-rail guard system and toe-board, plus a self-closing safety gate and built-in ladder receiver—so you've always got a controlled side entry.



Portable & Adjustable Stairs

- 600mm or 1200mm wide aluminium portable stairs
- Portable stairs will self-level to suit the angle of the batter
- Multiple stairs can be joined end to end to span any batter length
- Top and mid landings can be constructed from Proscaf or custom aluminium fabricated
- To fix, the portable stairs can be bolted into a timber sleeper or structural ply at the top, and pinned into the dirt at the bottom
- Adjustability of the portable aluminium stairs makes them ideal for excavation access, where levels are constantly changing
- Use AdjustaStairs instead of a ladder for your primary or secondary access



TRENCH SAFETY

Ladder Access Ramp

An ergonomic incline module that integrates into our edge-protection setup. It pivots through a 30° range, and arrives complete with handrails and toe-boards for smooth, ladder-free traffic between deck levels.



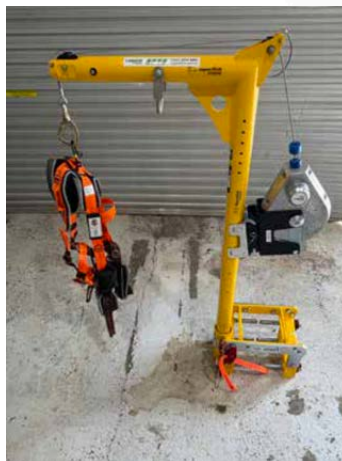
Ladder

Load-rated, AS/NZS-certified ladders sized to suit Legend Hire's access platforms and trench shields. They feature non-slip rungs and lock into place for safe trench access.



Davit Arm

A quick-adjust anchorage arm built for fall-arrest and rescue duty on Legend Hire shoring systems. Meets all AS codes and standards.



Gas Monitor

The GX-3R Pro is the world's smallest 5 gas monitor weighing only 129 grams and fits in the palm of your hand (73 W x 65 H x 26 D mm). It simultaneously monitors and displays 5 different gases. In addition to monitoring standard confined space gases, LEL, O₂, CO, & H₂S, the GX-3R Pro has a 5th channel where you can add infrared or toxic gas sensors. Two of the four sensor slots have interchangeable sensors providing flexible configurations, which can easily be changed in the field.



TRENCH SAFETY

Harness

A premium, full-body harness engineered to AS/NZS 1891.1. It locks seamlessly into Legend Hire davit arms or approved anchor reels, sports quick-connect buckles, adjustable torso and leg straps, plus energy-absorbing lanyard attachments.



Tripod Kit

The 3 Way Inertia Reel/Recovery Winch is a combination unit that operates as a normal inertia reel, but can also be used as a raising and lowering winch. This enables the user to work at ease in "Free Movement Mode" and also be able to be winched out in a rescue application. Can be fitted to davit arm or tripods.

Kit Includes : 7 ft. Lightweight Tripod and Tripod Bag, Full Body Confined Space Harness, Spreader Bar, 2x Karabiners, 3 Way Winch for 7ft Tripod



Fall Arrest/Lifting Gantry

- 1000Kg Goods lift or 2 person fall arrest system
- Pivoting and height adjustable legs allow for use on uneven or unlevel ground up to maximum of 1100mm height difference between legs.
- Easily assembled by two persons in under 10 minutes with no need for tools or additional fasteners.
- Adjustable span (1.7m – 3.3m) with beam drilled to fit retrieval winch assembly at either end.
- Supporting accessories : Harnesses, Retrieval winch, Fall arrest block, Material Trolley, IT Chain Block



TRENCH SAFETY

Lifting Chains

Legend Hire provides a complete selection of lifting chains and compatible connectors designed to seamlessly integrate with our full range of equipment –especially our shoring solutions.

Featuring a wide assortment of hooks and connectors, our lifting chains support multiple chain and sling configurations, offering versatile, multi-directional lifting capabilities that enhance safety without sacrificing strength.

Crafted from premium-grade materials, Legend Hire's lifting chains are engineered for durability, wear resistance, and optimal performance under load. We stock 8mm, 10mm, and 13mm lifting chains in single-leg, two-leg, and four-leg configurations, with multiple component variations and load capacities to suit a range of onsite lifting requirements. Grade 8 alloy-steel lift chains, AS 2321 certified, each stamped with its WLL and traceable batch ID.



Axial Blower Fan

240V axial blower fan, lightweight and durable, ideal for confined spaces. Features high airflow, safety grille, carry handle, rugged feet, bright orange coating, and 12" flange.



Utility Pipe Laser

The TP-L6 pipe laser's smaller size, long-life battery, and convenient mobile app for Android devices make the new unit one of the most flexible on the market. Field crew members are able to spend less time physically entering manholes to make adjustments, thereby increasing safety. The mobile app puts the user in control remotely to visually assist with configuring settings and making adjustments.

One fully charged battery can last for the whole week. Plus the same multi-use battery can power a variety of other Topcon equipment on active job sites. The TP-L6 is ideal for contractors that lay pipe required to be at specific slopes as well as projects involving trenching, sewers, mining, and tunneling.

- 60-hour battery life
- Compact design adds flexibility to setup in a tighter inverts
- Mobile app remote display makes seeing and adjusting settings easier Less time climbing down into manholes and trenches
- Multi-use battery powers a variety of other Topcon job site equipment



TEST PLUGS

Low Pressure Blocking Plug

Cherne Test-Balls now feature patented Rupture Disc Technology, designed to prevent over-inflation and protect the plug's internal cording from damage.

Cording damage is often hidden but can significantly reduce plug performance—Rupture Disc Technology helps eliminate this risk.

- **Multi-Size Design:** Greater flexibility with fewer inventory requirements
- **Patented Field-Repairable Rupture Disc Technology:** Built-in protection with easy on-site repair
- **Standard Schrader Valve:** 1/4" tire valve included on every plug
- **Removable Valve on Large Plugs:** Allows quick repairs or replacement with disconnect fittings
- **Flexible Construction:** All Test-Balls bend up to 90° for versatile use



SPECIFICATIONS

Model No.	Diameter (mm)	Size Range (mm)	Length (mm)	Weight (kg)	Required Inflation Pressure (PSI)	Max Allowable Back Pressure Air (PSI)	Max Allowable Back Pressure Air (m)
3.5" - 4.5"	90mm	90-125mm	140mm	0.67kg	25	10	7.6
5.0" - 6.5"	125mm	125-175mm	152mm	1.4 kg	25	10	7.6
8.5" - 10.0"	200mm	225-265mm	254mm	3.6kg	20	10	7.6
11.0" - 12.5"	275mm	275-325mm	305mm	5.6kg	20	10	7.6
13.5" - 15.5"	350mm	350-400 mm	381mm	10.9kg	25	10	7.6
16.5" - 18.5"	425mm	425-470mm	457mm	15.5kg	25	10	7.6
18.5" - 21.5"	475mm	475-550mm	533mm	19.1 kg	20	8	6.1

Inflation Hose with Gauge

All test plugs must be inflated and deflated remotely via an inflation hose to ensure safe operation.

The hose length is critical for safety, allowing operators to remain outside the danger zone during both inflation and deflation. For added convenience, 12V Air Compressor can also be supplied to assist with plug inflation on-site.

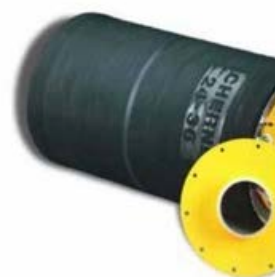
- Dampened gauge: helps prevent "peg-out" damage
- Heavy-duty rubber gauge cover protects gauge face
- 3/8" ID hose for quick inflate/deflate
- Quick-dump valve for easy deflation
- Quick disconnect design for easy installation
- Designed for use with plugs with removable inflator valve and eye bolt



TEST PLUGS

Low Pressure Bypass Plug

Durable and rugged in design, they perform reliably across residential, commercial, and municipal applications. Ideal for installation, repair, and maintenance, low pressure bypass plugs provide a safe and effective solution for testing and managing almost any type of pipe system.



Model No.	Diameter (mm)	Size Range (mm)	Length (mm)	Weight (kg)	Required Inflation Pressure (PSI)	Max Allowable Back Pressure Air (PSI)	Max Allowable Back Pressure Air (m)	Bypass Size	Pipe Size
4.0"–8.0"	97mm	100–200mm	559mm	3.2kg	40psi	15 15 15	13.7 12.2 10.7	2.0"	4.0 6.0 8.0
5.5"–10.5"	140mm	150–275mm	559mm	5.9kg	40psi	15 15 15	13.7 12.2 10.7	3.0"	6.0 8.0 10.0
7.0"–12.5"	165mm	175–325mm	559mm	8.2kg	40psi	15 15 10	13.7 12.2 10.7	4.0"	8.0 10.0 12.0
9.0"–16.0"	216mm	225–400mm	559mm	11.8kg	40psi	15 15 10	13.7 13.7 10.7	6.0"	10.0 12.0 16.0
10.5"–18.0"	254mm	275–450mm	559mm	15.4kg	40psi	15 15 10	12.2 10.7 9.1	6.0"	12.0 15.0 18.0
14.0"–21.0"	343mm	350–550mm	610mm	20.9kg	40psi	15 15 10	12.2 10.7 9.1	6.0"	15.0 18.0 21.0
16.5"–24.0"	406mm	425–625mm	622mm	27.2kg	40psi	15 15 10	12.2 10.7 9.1	6"	18.0 21.0 24.0
16.5"–24.0"	406mm	425–625mm	622mm	27.2kg	40psi	15 15 10	12.2 10.7 9.1	Various	18.0 21.0 24.0
16.5"–30.0"	406mm	425–775mm	1041mm	43.1kg	40psi	15 15 10	12.2 10.7 9.1	Various	18.0 24.0 30.0
22.0"–36.0"	406mm	550–950mm	546mm	58.9kg	40psi	15 15 10	12.2 10.7 9.1	Various	24.0 30.0 36.0
34.0"–48.0"	406mm	850–1250mm	838mm	97.5kg	40psi	10 8 5	7.6 7.6 6.1	Various	36.0 42.0 48.0
46.0"–60.0" *	406mm	1150–1550mm	1143mm	147.3kg	40psi	8 8 5	6.1 6.1 16	Various	48.0 54.0 60.0

TEST PLUGS

Test Plug Hand Pump

Heavy-duty hand pumps with built-in pressure gauges are available for inflating small-diameter plugs.

Air-Max™ Test Pump

- Gauge raised from base for protection
- Durable Steel Barrel
- Textured steel base prevents pump from slipping Durable, no-kink hose



Air-Max™ Pro HV Test Pump

- Larger barrel diameter – fewer strokes per inflation
- Contoured solid wood handle
- Forged steel construction for extra toughness
- Gauge with molded rubber cover
- Traditional metal thumb lock
- 3' hose with strain-relief

12V Compact Air Compressor

A 12V compressor is a convenient and reliable air supply solution, ideal for on-site applications and mobile use. Simply connect to a 12-volt vehicle battery for powerful performance, delivering up to 112 litres per minute of free air.

Built with a compact design and equipped with a regulator and twin quick-release sockets, this compressor is perfect for inflating test plugs, powering tools, or handling general inflation tasks in the field. Durable and efficient, it's a practical choice for both professional and recreational use.



- Ideal for 4x4s
- Built-In Regulator With Twin Air Fittings
- Regulator Controls The Flow Of Air That Passes Through the System
- Compact 5 Litre Tank
- 12 Volt Battery Set-Up
- 50 Amp Power Draw

Litres Per Minute	112LPM
Power Draw	50 Amps
Cylinders	Single
Volts	12V
Air Tank Size	5 Litres
Pressure Switch	Taiwanese Sunny Pressure
Maximum PSI	Switch 125PSI
Working Pressure	85-125 PSI
Pump Type	Piston Pump



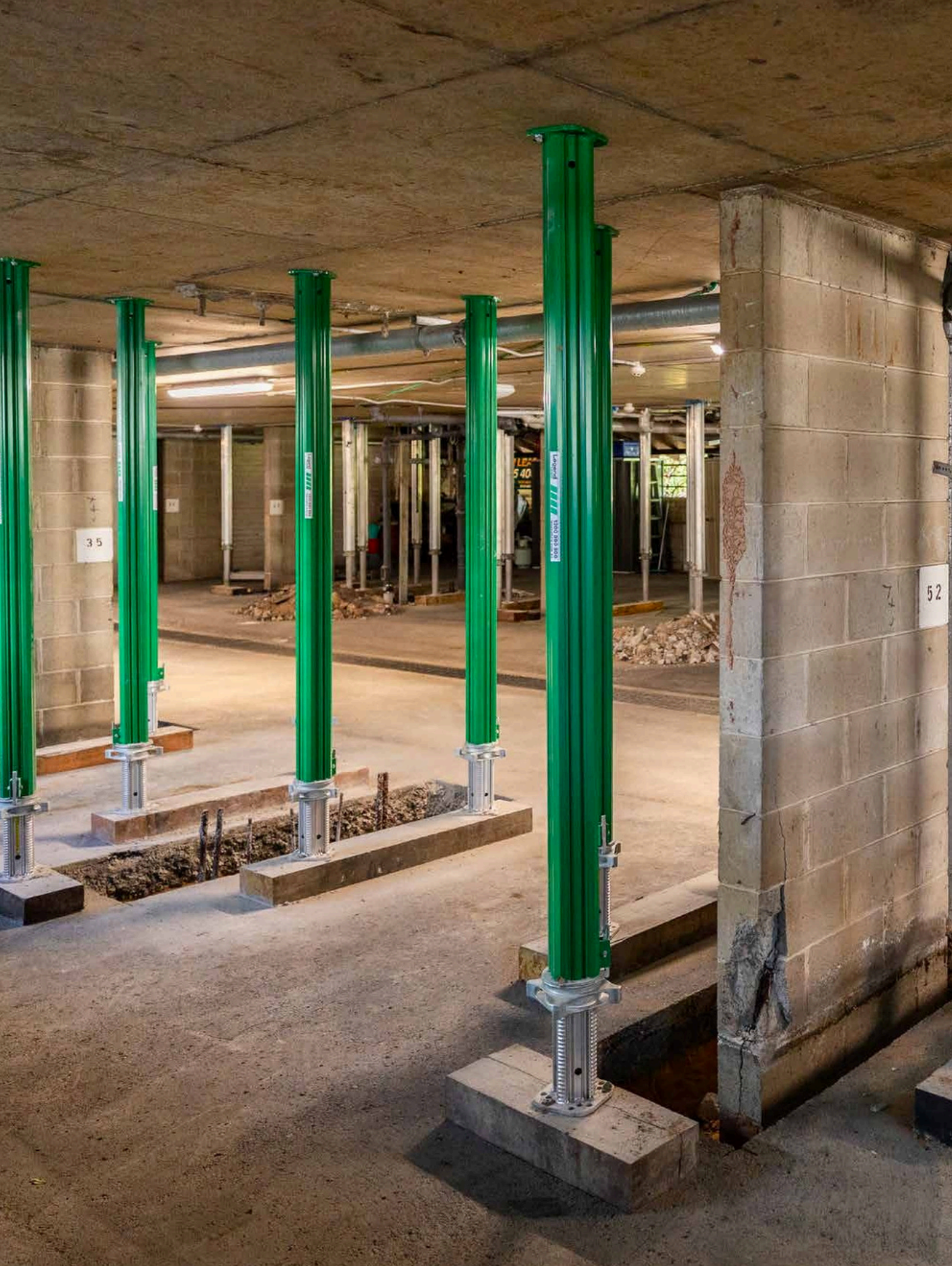
Legend
HIRE



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- Hire on 30 days terms and get the products you need, when you need them.
- Apply online in 5-10 minutes.
- Receive a response in 48 hours.



PROPPING HIRE

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THREE PARTS, ONE SUPPLIER

ENGINEERING. FLEET. RIGGERS. UNDER ONE ROOF.

Most of the risk in temporary works sits in the gaps between the designer, the hire yard and whoever ends up installing it.

We close all three, so the design that gets drawn is the design that gets built.



ONE SCOPE

Design, supply, project manage, install and removal on a single order



ONE CREW

Experienced riggers who do it all day, every day



ONE ACCOUNTABLE TEAM

From start to finish, we've got it covered

01

ENGINEERING IN-HOUSE

Our engineers come to site with you, not two weeks later by email. You get concept, 3D modelling and certified drawings showing exactly how the structure will be held.

- ✓ Site attendance
- ✓ Concept design
- ✓ 3D modelling & certified drawings

02

A SPECIALIST PROPPING FLEET

Multi props, high-capacity raking props, walers, hydraulic jacking, shoring and high-capacity steel modular propping systems — owned, maintained, tested, tagged and held in depth.

- ✓ Propping & shoring
- ✓ High-capacity steel modular propping
- ✓ Hydraulic jacking
- ✓ Tested & tagged



10+ YEARS

Temporary works experience



4 BRANCHES

Sydney, Brisbane, Sunshine Coast and Melbourne



SPECIALISTS ON THE GROUND

Across every state we operate in

A COMPLETE TURNKEY PACKAGE

We take responsibility for the engineering, equipment, installation, project management and dismantle from start to finish.

**One scope. One crew.
One accountable team.**

03

RIGGING, INSTALLATION & PROJECT MANAGEMENT

Our experienced riggers install, load, check and strip out the equipment safely, every day, in confined and high-risk environments. We manage the job from start to finish.

- ✓ In-house crews
- ✓ Rigging & lifting
- ✓ Load checks
- ✓ End-to-end project management

04

GEAR OFF OUR OWN FLOOR

Held in stock, tested and tagged, so the program doesn't wait on hire availability — and your labour stays on your job while our crews do the work.

- ✓ Ready to go
- ✓ Quality controlled
- ✓ Reliable availability



ONE SCOPE

Design, supply, project manage, install and removal on a single order



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**Legend
HIRE**

PROPPING / TITAN PROPS

Titan Props Aluminium Light Weight Props

The Titan Prop is a heavy-duty, high-capacity propping system designed for structural support, falsework, and shoring applications in construction and civil engineering projects. Engineered for strength, durability, and versatility, Titan Props provide exceptional load-bearing capacity, making them ideal for temporary works, bridge construction, and high-rise developments.

APPLICATIONS

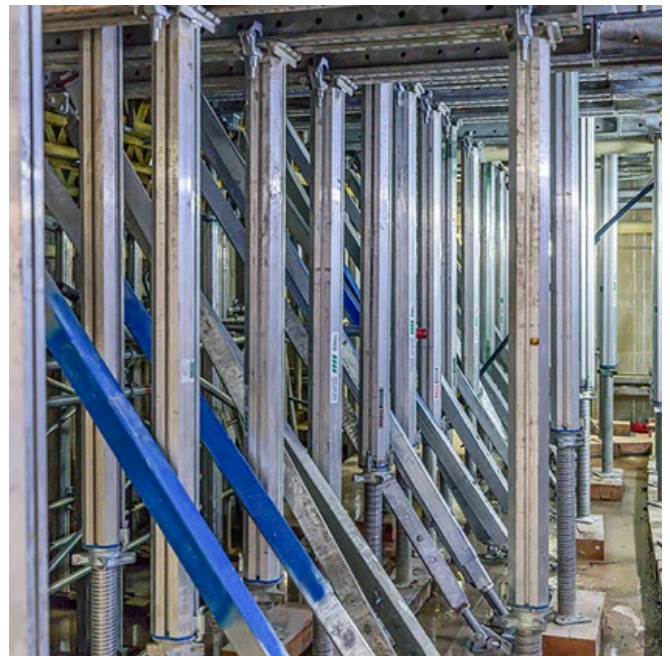
- Heavy-duty falsework and propping for concrete structures Bridge construction and infrastructure support
- High-rise building construction and refurbishment Temporary shoring for excavation and underpinning projects Industrial and mining sector structural support

FEATURES

- **Material:** High-strength aluminium for enhanced durability and corrosion resistance.
- **Load Capacity:** Designed for extreme loads, ensuring safe and stable structural support.
- **Adjustability:** Telescopic height adjustment with secure locking mechanisms for precise leveling.
- **Standard Sizes:** Available in various height and load configurations to suit project requirements.
- **Modular Compatibility:** Works seamlessly with falsework systems, shoring frames, and formwork support.
- **Safety Compliance:** Fully meets AS/NZS 3610, AS/NZS 1576, and BS EN 1065 standards.
- **Fast Installation:** Lightweight yet strong, allowing for quick assembly and easy handling on-site.

SPECIFICATIONS

Model No.	Weight (kg)	Length Lower Range(m)	Length Upper Range (m)
No. 2	17	1.7	2.9
No. 3	19	2.4	3.6
No. 4	21	2.9	4.1
No. 6	28	4.3	5.5



FORMWORK

Extensions (m)	No .2 (kN)	No .4 (kN)	No .6 (kN)
1.7	100		
1.9	100		
2.1	100		
2.3	100		
2.5	88		
2.7	57		
2.9	42	94.9	
3.1		79.9	
3.3		70	
3.5		62.4	
3.7		55	
3.9		50	
4.1		41	
4.3			42
4.5			39
4.7			37.1
4.9			33
5.1			31
5.3			28
5.5			27

BACKPROPPING

Extensions (m)	No .2 (kN)	No .3 (kN)	No .4 (kN)	No .6 (kN)
1.7	128			
1.9	128			
2.1	128			
2.3	128			
2.5	115.7	128		
2.7	103.6	128		
2.9	89.1	128	128	
3.1		128	128	
3.3		120.3	126.6	
3.5		96	108.1	
3.7			84.9	
3.9			72.5	
4.1			60.5	
4.3				89.3
4.5				80.5
4.7				71.6
4.9				64.4
5.1				57.1
5.3				49.5
5.5				41.9

Multi Props Aluminium Slab Shoring Props

designed for falsework, shoring, and temporary structural support in construction and civil engineering projects. Known for its lightweight yet robust design, the Multi Prop offers quick adjustment, high stability, and modular compatibility, making it an ideal choice for formwork support, slab propping, and heavy-duty shoring applications.

SPECIFICATIONS

Model No.	Weight	Length (m)	Max Load (kN)
MP 120 MP	(kg) 10.1	(L 0.80 - 1.20m)	102
250 MP	15.4	(L 1.45 - 2.50m)	99.3
350 MP	19.4	(L 1.95 - 3.50m)	96
480	24.8	(L 2.60 - 4.80m)	94
MP 625	34.6	(L 4.30 - 6.25m)	57.9



HOLDING A HERITAGE WALL WHILE THE OPENING GOT WIDER

Legend Multi Props carried a load-bearing school wall and the beam spanning the whole building — so the contractor could cut a bigger opening and set the new steel.

SCOPE

Temporary propping

SITE

Heritage-listed school

EQUIPMENT

Legend Multi Prop

ENGINEERED TO

AS 3610

THE CHALLENGE

Unreinforced heritage masonry of unknown real capacity, with a full-length beam bearing straight above the opening. Two load paths, no room for movement.

OUR SOLUTION

Props at engineered centres took the wall and the beam at once. Timber packers spread the load off the heritage floor, staged so the wall never lost support.

THE OUTCOME

Opening enlarged, new steel beam installed, zero structural movement. Heritage fabric untouched and the job handed back on programme.

TURN-KEY TEMPORARY WORKS

Engineered design and certification, tagged and tested equipment, installation, site support and removal — one supplier, one scope.

Swift. Smart. Specialist.

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Scan for the
full case study



PROPPING / MULTI PROPS

SPECIFICATIONS

MP 120 L = 0.80 – 1.20 m

Extension Length (cm)	Lower Outer Tube (kN)	Lower Inner Tube (kN)
80	89.3	102
90	89	102
100	88.7	102
110	88.7	98
120	88.7	94

MP 250 L = 1.45 – 2.50 m

Extension Length (cm)	Lower Outer Tube (kN)	Lower Inner Tube (kN)
150	99.3	94
160	99.3	94
170	99.3	94
180	97.2	94
190	92.9	94
200	88.7	94
210	86.5	94
220	84.4	94
230	82.5	92.4
240	80.9	89.2
250	79.3	86

MP 350 L = 1.95 – 3.50 m

Extension Length (cm)	Lower Outer Tube (kN)	Lower Inner Tube (kN)
200	96	94.7
210	93.1	94.7
220	90.1	94.7
230	87.5	94.1
240	85.1	93.1
250	82.7	92
260	79.3	88.7
270	76	85.3
280	73.3	82.7
290	70.7	80
300	68.7	77
310	66.7	74
320	63.1	71
330	59.6	68
340	54.7	61.5
350	49.8	54.9

MP 480 L = 2.60 – 4.80 m

Extension Length (cm)	Lower Outer Tube (kN)	Lower Inner Tube (kN)
260	88.7	94
270	87.8	92.3
280	87	90.7
290	86.2	89
300	85.3	87.3
310	80.2	84.9
320	75.1	82.5
330	70	80
340	66.6	77.3
350	63.2	74.7
360	59.7	72
370	56.2	67.4
380	52.8	62.7
390	49.3	58.1
400	46.3	54.1
410	43.3	50
420	40.3	45.9
430	38	43.3
440	35.7	40.8
450	33.5	38.2
460	31.2	35.6
470	28.9	33.1
480	26.7	30.5

MP 625 L = 4.3 – 6.25 m

Extension Length (cm)	Lower Outer Tube (kN)	Lower Inner Tube (kN)
430	57.9	45.7
440	56.3	45.7
450	54.7	45.7
460	52.5	45.1
470	50.2	44.5
480	47.8	43.6
490	45.1	42.5
500	42.4	41.3
510	39.8	39.9
520	37.2	38.5
530	34.9	37
540	32.9	35.6
550	30.9	34.1
560	29.3	32.6
570	27.7	31.1
580	26.3	29.5
590	25	27.9
600	23.7	26.2
610	22.6	24.8
620	21.5	23.4
625	21	22.7

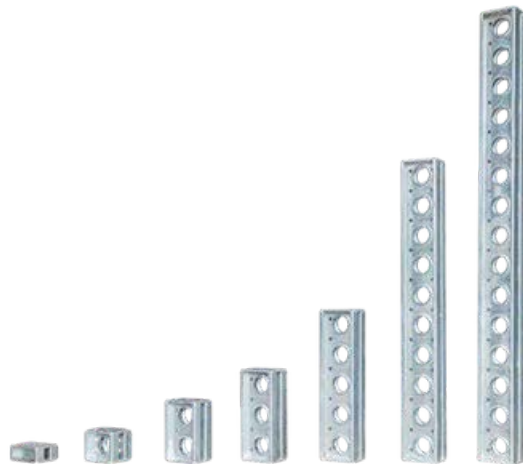
PROPPING / 10T PROP

Legend 10T Prop

The LEGEND 10T Prop is a high-strength, lightweight propping system designed for falsework, shoring, and heavy-duty structural support in construction and civil engineering projects. It offers exceptional load-bearing capacity while being versatile, easy to assemble, and highly adjustable, making it ideal for temporary works, formwork support, and infrastructure projects.

FEATURES

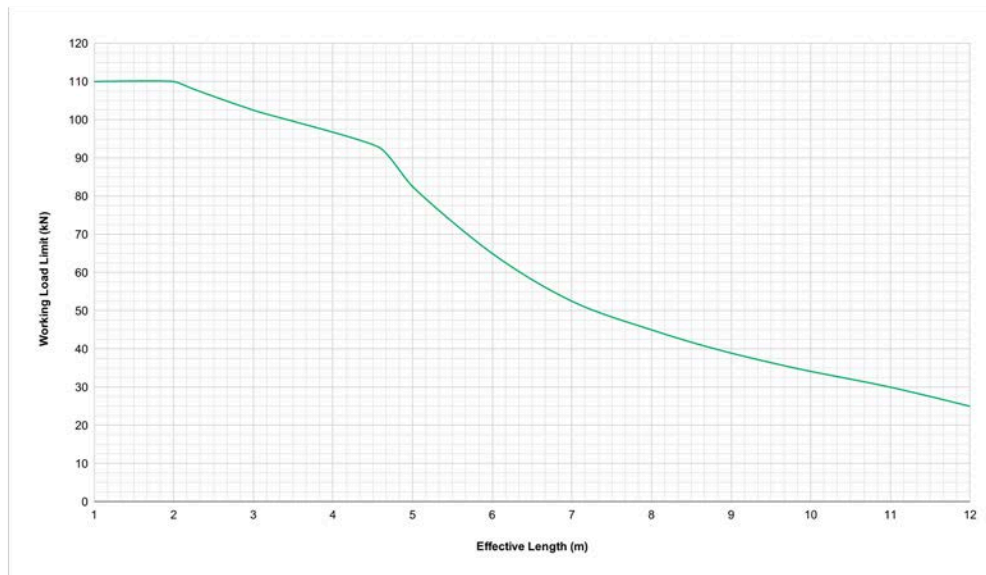
- **Material:** High-strength galvanised steel for durability and corrosion resistance.
- **Load Capacity:** Engineered for medium to heavy-duty propping applications with a high load-to-weight ratio.
- **Adjustability:** Telescopic height adjustment for flexible propping configurations.
- **Standard Sizes:** Available in various heights to suit multiple project requirements.
- **Modular Design:** Compatible with Legend 10t, Legend 100T, and other LEGEND falsework systems.
- **Safety Compliance:** Meets AS/NZS 3610, AS/NZS 1576, and BS EN 1065 safety standards.
- **Quick Installation:** Lightweight yet strong, ensuring easy handling and fast assembly on-site.



APPLICATIONS

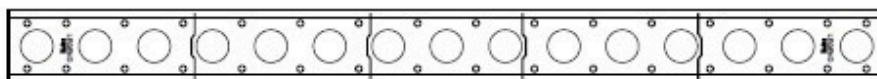
- Falsework and shoring for concrete structures
- Temporary support in high-rise and infrastructure projects
- Bridge construction and refurbishment works
- Excavation and underpinning support systems
- Heavy-duty scaffolding and modular support frameworks

VERTICAL WORKING LOAD LIMIT



Design Considerations:

- Working Load Limit of 1.5 applied
- Props laterally restrained top and bottom
- Eccentricity of $L/200$ has been applied around the minor axis



LEGEND 10T SECTIONS

Length (mm)	Weight (kg)
90	7.3
180	8.8
360	12.4
540	16
900	22.1
1800	40
2700	55
3600	73

PROPPING / 10T PROP

SPECIFICATIONS

with Single Jack and Foot Jack Adaptor (mm)	Kg	Number of Intermediate Beams Required								Kg	with Top and Bottom Jack and Two Tilt Bases (Raking Prop) (mm)
		90mm	180mm	360mm	540mm	900mm	1800mm	2700mm	3600mm		
450-655	18									38	900-1310
540-745	25.3	1								45	990-1400
630-835	26.8		1							46	1080-1490
810-1015	30.4			1						50	1260-1670
990-1195	34				1					54	1440-1850
1170-1375	42.8			2						62	1620-2030
1350-1555	40.1					1				60	1800-2210
1530-1735	50				2					70	1980-2390
1710-1915	52.5			1		1				72	2160-2570
1890-2095	56.1				1	1				76	2340-2750
2010-2275	64.9			2		1				85	2460-2930
2250-2455	58						1			78	2700-3110
2430-2635	78.4			1	3					98	2880-3290
2610-2815	70.4			1			1			90	3060-3470
2790-2995	74				1		1			94	3240-3650
2970-3175	82.8			2			1			102	3420-3830
3150-3355	73							1		93	3600-4010
3330-3535	90				2		1			110	3780-4190
3510-3715	98.8			2	1		1			118	3960-4370
3690-3895	107.6			4			1			127	4140-4550
3870-4075	106				3		1			126	4320-4730
4050-4255	91								1	111	4500-4910
4230-4435	123.6			4	1		1			143	4680-5090
4410-4615	103.4			1					1	123	4860-5270
4590-4795	107				1				1	127	5040-5450
4770-4975	115.8			2					1	135	5220-5630
4950-5155	113.1					1			1	133	5400-5810
5130-5335	128.2			3					1	148	5580-5990
5310-5515	125.5			1		1			1	145	5760-6170
5440-5695	129.1				1	1			1	149	5890-6350
5670-5875	144.2			3	1				1	164	6120-6530
5850-6055	131						1		1	151	6300-6710
6030-6235	151.4			1	3				1	171	6480-6890
6210-6415	143.4			1			1		1	163	6660-7070
6390-6595	147				1		1		1	167	6840-7250
6570-6775	155.8			2			1		1	175	6570-6775
6750-6955	146							1	1	166	7200-7610
6950-7135	163				2		1		1	183	7400-7790
7110-7315	165.5			1				1		185	7560-7970

PROPPING / 10T PROP

LEGEND 10T ACCESSORIES



Tilt Base Foot



Foot Jack Adaptor



10T Strut Adaptor



Jack Spanner



Right Hand Base Jack



Left Hand Base Jack



Rocking Head

Accessory	Weight (kg)
End Plate Adaptor & Scaffold Bracket	1.67
Connection Angle	2.14
50-10T Flange Connector	11
Rocking Head	9.7
Strut Adaptor	1.6
Tilt Base	6
Screw Jacks	12.8
Jack Spanner	
Foot Adaptor	5.2
Six Way Connector	25

RACKING WORKING LOAD LIMIT

Length (m)	Angle of Racking (°)								
	0°	10°	20°	30°	40°	45°	50°	60°	90°
1	510	510	510	510	510	510	510	510	510
2	435.8	436	436.3	436.9	437.6	438	438.5	439.4	442.8
2.5	377.9	378.2	378.8	379.5	380.6	381	381.7	383	387.6
3	325.4	325.6	326.2	327.2	328.5	329.2	330	331.6	337.3
3.5	285.5	285.8	286.5	287.7	289.3	290.1	291	293	299.9
4	255.1	255.5	256.4	257.7	259.5	260.6	261.6	264.1	272.2
4.5	229.7	230.2	231.3	232.9	234.9	236.1	237.3	240.2	249.7
5	207.1	207.6	208.8	210.7	212.9	214.3	215.7	218.9	229.6
5.5	185.8	186.5	187.6	189.7	192.2	193.7	195.3	198.7	210.6
6	165	165.7	167	169.1	172	173.4	175.2	179	191.9
6.5	144.3	145	146.5	148.7	151.6	153.1	154.9	159	172.5
7	123.5	124.2	125.7	128	130.8	132.5	134.3	138.5	152.2

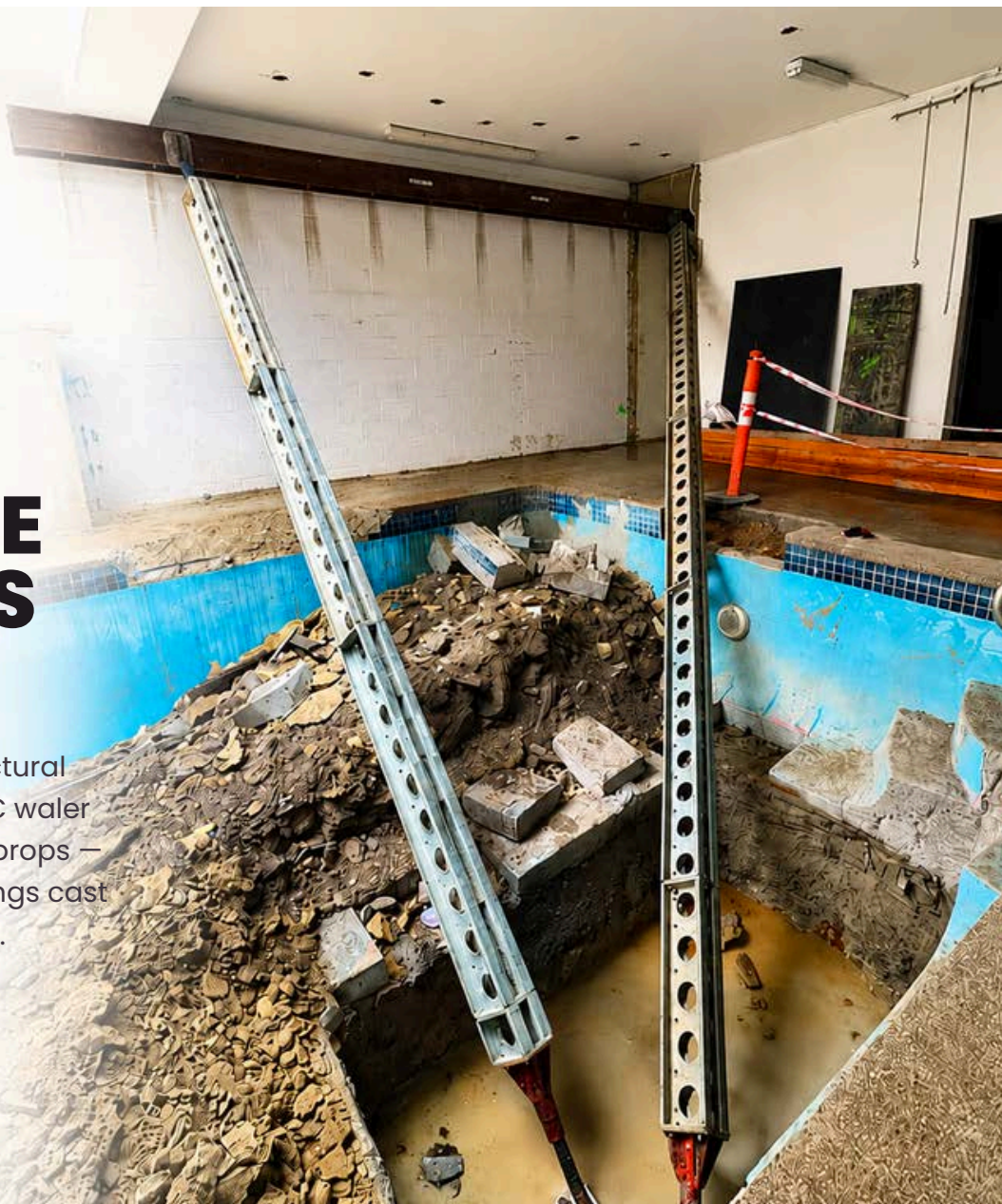
Design Considerations:

- A rocking head and jack are positioned at both ends and are laterally restrained.
- The working load limit values are the limit state design capacities divided by a safety factor. An axial load eccentricity of L/200 has been applied about the minor axis.
- All assembly bolts are fully tensioned.
- The effective length of the raking prop is taken as the linear distance between the universal tilt bases at both ends.
- For effective lengths greater than 8600 mm, it is recommended that the props be used for wind-loading applications only.

CONFINED BASEMENT
POOL SHELL FOOTINGS

A 9.6M WALER BEAM, SET WHERE MACHINES CAN'T GO

Legend Hire retained a structural basement wall with a 250UC waler beam on Legend10T raking props — anchored into custom footings cast inside a part-built pool shell.



SCOPE

Waler beam & raking props

BEAM

9.6m 250UC steel

EQUIPMENT

Legend10T raking props

SAFETY RECORD

Zero incidents

THE CHALLENGE

Minimal headroom, uneven slabs and no room for machinery ruled out conventional lifting. One end of the prop system had to anchor into footings cast inside an existing pool shell, to fine tolerances.

OUR SOLUTION

Core-drilled, chemically anchored connections with engineered collars, shoes and base plates. Beam predrilled on site, lifted on certified spreader bars and chain blocks by our own crew, then props set at engineered angles and torqued to spec.

THE OUTCOME

Loads transferred cleanly into the designed footings. Every rigging point and connection passed QA first pass — no rework, no incidents, finished on programme.

TURN-KEY TEMPORARY WORKS

Engineered design and certification, tagged and tested equipment, in-house rigging, installation, site support and removal — one supplier, one scope.

Swift. Smart. **Specialist.**



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Sydney · Brisbane · Sunshine Coast · Melbourne

Scan for the
full case study



PROPPING / 50T PROP

Legend 50T Prop

The LEGEND 50T Prop is a heavy-duty, high-load-capacity propping system designed for falsework, shoring, and temporary structural support in large-scale construction and civil engineering projects. Engineered for superior strength and stability, the Legend 50T system provides reliable load-bearing support for bridgeworks, high-rise buildings, and industrial infrastructure.

FEATURES

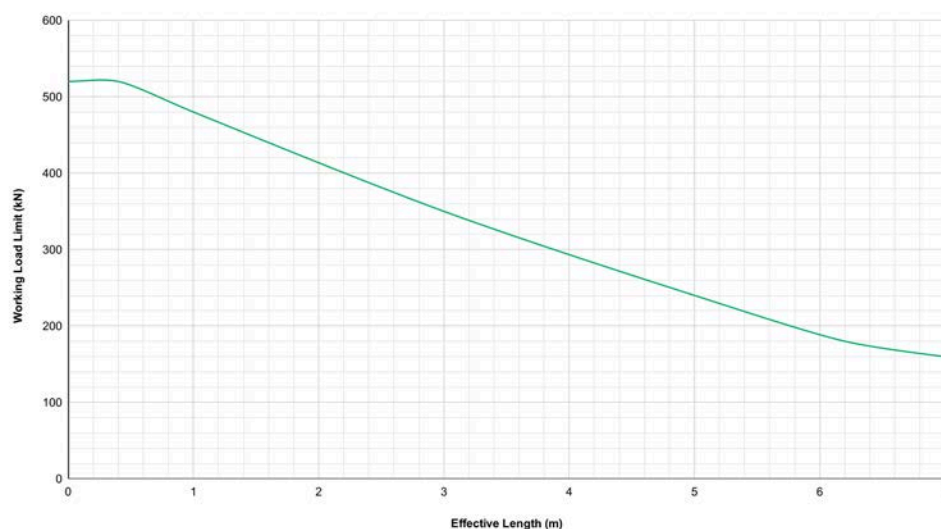
- **Material:** High-strength galvanised steel for durability and corrosion resistance.
- **Load Capacity:** Designed to support extreme structural loads, ensuring stability in demanding applications.
- **Adjustability:** Telescopic height adjustment for precise leveling and flexible propping configurations.
- **Standard Sizes:** Available in multiple height and load bearing variations to suit project needs.
- **Modular Compatibility:** Works with shoring frames, falsework, and other heavy-duty propping systems.
- **Safety Compliance:** Fully meets AS/NZS 3610, AS/NZS 1576, and BS EN 1065 standards for structural support.
- **Easy Assembly:** Quick and efficient installation, minimizing downtime on-site.



APPLICATIONS

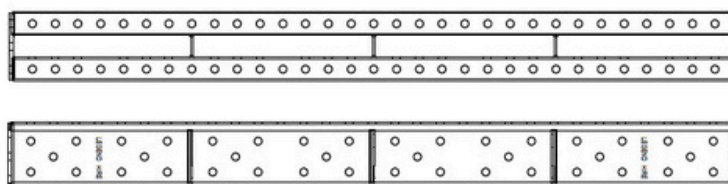
- Falsework support in bridge construction and deck systems
- Heavy-duty propping for high-rise building construction
- Temporary shoring for structural modifications and repairs
- Formwork support in large-scale concrete pours
- Excavation and underpinning support systems

VERTICAL WORKING LOAD LIMIT



Design Considerations:

- Working Load Limit of 1.5 applied
- Props laterally restrained top and bottom
- Eccentricity of L/200 has been applied around the minor axis



LEGEND 50T SECTIONS

Length (mm)	Weight (kg)
125	8
250	11
500	18
1000	30
2000	56

PROPPING / 50T PROP

SPECIFICATIONS

Prop Height Required (mm)	Total Weight {kg}	Legend 50T Jack (400-610mm)	Number of Intermediate Beams Required				
			125mm	250mm	500m	1000m	2000m
400-610	25	1					
525-735	33	1	1				
650-860	33	1		1			
775-985	44	1	1	1			
900-1110	42	1			1		
1025-1235	50	1	1		1		
1150-1360	53	1		1	1		
1275-1485	61	1	1	1	1		
1400-1610	55	1				1	
1525-1735	63	1	1			1	
1650-1860	66	1		1		1	
1775-1985	74	1	1	1		1	
1900-2110	72	1			1	1	
2025-2235	80	1	1		1	1	
2150-2360	83	1		1	1	1	
2275-2485	91	1	1	1	1	1	
2400-2610	80	1					1
2525-2735	88	1	1				1
2650-2860	91	1		1			1
2775-2985	99	1	1	1			1
2900-3110	97	1			1		1
3025-3235	105	1	1		1		1
3150-3360	108	1		1	1		1
3275-3485	116	1	1	1	1	1	1
3400-3610	110	1	1	1	1		1
3525-3735	118	1				1	1
3650-3860	121	1		1		1	1
3775-3985	129	1	1	1		1	1
3900-4110	127	1			1	1	1
4025-4235	135	1	1		1	1	1
4150-4360	138	1		1	1	1	1
4275-4485	146	1	1	1	1	1	1
4400-4610	135	1					2
4550-4760	143	1	1				2
4650-4860	146	1		1			2
4775-4985	154	1	1	1			2
4900-5110	152	1			1		2
5025-5235	160	1	1		1		2
5150-5360	163	1		1	1		2
5275-5485	171	1	1	1	1		2
5400-5610	165	1				1	2
5524-5735	173	1	1			1	2
5775-5985	184	1	1	1		1	2
5900-6110	182	1			1		2
6025-6235	190	1	1		1	1	2
6150-6350	193	1		1	1	1	2
6275-6485	201	1	1	1	1	1	2
6400-6610	190	1					3
6525-6735	198	1	1				3
6650-6860	201	1		1			3
6775-6985	209	1	1	1			3
6900-7110	207	1			1		3
7025-7235	215	1	1		1		3
7150-7360	218	1		1	1		3
7275-7485	226	1	1	1	1		3
7400-7610	220	1				1	3
7525-7735	228	1	1			1	3
7650-7860	231	1		1		1	3
7775-7985	239	1	1	1		1	3
7900-8110	237	1			1	1	3
8025-8235	245	1	1		1	1	3
8150-8360	248	1		1	1	1	3
8275-8485	256	1	1	1	1	1	3
8525-8735	253	1	1				4
8650-8860	256	1		1			4
8775-8985	264	1	1	1			4
8900-9110	262	1			1		4
9025-9235	270	1	1		1		4

PROPPING / 50T PROP



50T Transfer Plate



50T Base Jack



Needle Beam Clamp



50T Rocking Head



Side Web Connector



Single Bolt Coupler

LEGEND 50T ACCESSORIES

Accessory	Weight (kg)
Screw Jack	21
Pivot End Connector	10
Sole Fixing Plate	25
Side Web Connector	12
Needle Beam Clamp	17
50T – 10T Adaptor	11

RACKING WORKING LOAD LIMIT

Length (m)	Angle of Racking (°)								
	0°	10°	20°	30°	40°	45°	50°	60°	90°
1	510	510	510	510	510	510	510	510	510
2	435.8	436	436.3	436.9	437.6	438	438.5	439.4	442.8
2.5	377.9	378.2	378.8	379.5	380.6	381	381.7	383	387.6
3	325.4	325.6	326.2	327.2	328.5	329.2	330	331.6	337.3
3.5	285.5	285.8	286.5	287.7	289.3	290.1	291	293	299.9
4	255.1	255.5	256.4	257.7	259.5	260.6	261.6	264.1	272.2
4.5	229.7	230.2	231.3	232.9	234.9	236.1	237.3	240.2	249.7
5	207.1	207.6	208.8	210.7	212.9	214.3	215.7	218.9	229.6
5.5	185.8	186.5	187.6	189.7	192.2	193.7	195.3	198.7	210.6
6	165	165.7	167	169.1	172	173.4	175.2	179	191.9
6.5	144.3	145	146.5	148.7	151.6	153.1	154.9	159	172.5
7	123.5	124.2	125.7	128	130.8	132.5	134.3	138.5	152.2

Design Considerations:

- A rocking head and jack are positioned at both ends and are laterally restrained.
- The working load limit values are the limit state design capacities divided by a safety factor. An axial load eccentricity of $L/200$ has been applied about the minor axis.
- All assembly bolts are fully tensioned.
- The effective length of the racking prop is taken as the linear distance between the universal tilt bases at both ends.
- For effective lengths greater than 8600 mm, it is recommended that the props be used for wind-loading applications only.

PROPPING / 100T PROP

Legend 100T Prop

The LEGEND 100T Prop is a heavy-duty, high-load-capacity propping system designed for major construction and infrastructure projects. Engineered for maximum strength and stability, LEGEND props are ideal for falsework, shoring, and temporary support applications, including bridge construction, high-rise developments, and heavy civil engineering works.

FEATURES

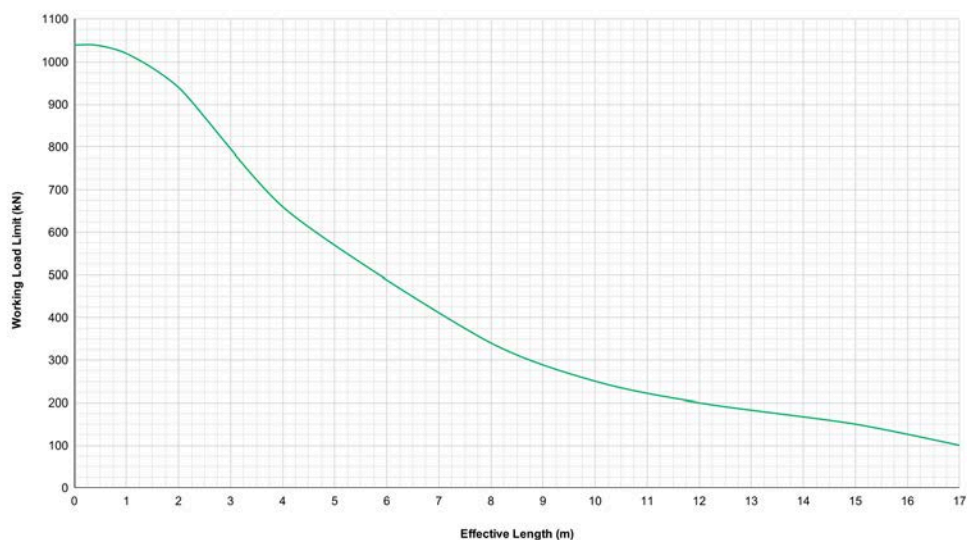
- **Material:** High-strength galvanised steel for durability and corrosion resistance.
- **Load Capacity:** Designed for extreme loads, capable of supporting significant structural weights.
- **Adjustability:** Telescopic height adjustment with precision settings for optimal support.
- **Standard Sizes:** Available in multiple sizes to accommodate various project requirements.
- **Safety Compliance:** Fully meets AS/NZS 3610, AS/NZS 1576, and BS EN 1065 standards.
- **Compatibility:** Works with LEGEND shoring systems, falsework, and heavy-duty propping applications.



APPLICATIONS

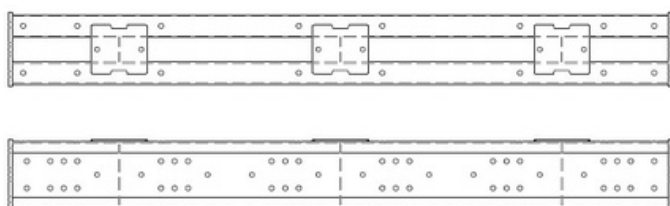
- Bridge construction and deck support
- Falsework and high-load propping in civil engineering
- High-rise building construction and structural modifications
- Heavy-duty shoring for excavations and underpinning
- Industrial and infrastructure support systems

VERTICAL WORKING LOAD LIMIT



Design Considerations:

- Working Load Limit of 1.5 applied
- Props laterally restrained top and bottom
- Eccentricity of L/200 has been applied around the minor axis



LEGEND 100T SECTIONS

Length (mm)	Weight (kg)
90	26
270	36
450	46
900	66
1800	114
2700	162

PROPPING / 100T PROP

SPECIFICATIONS

Prop Height Required (mm)	Total Weight {kg}	Legend 100T Jack (410-620mm)	Number of Intermediate Beams Required					
			90mm	270mm	450mm	900mm	1800mm	2700mm
410-620	54kg	1						
500-710	79kg	1	1					
680-890	89kg	1		1				
860-1070	99kg	1			1			
950-1160	124kg	1	1		1			
1130-1340	134kg	1		1	1			
1220-1430	159kg	1	1	1	1			
1310-1520	119kg	1				1		
1400-1610	144kg	1	1			1		
1580-1790	154kg	1		1		1		
1670-1880	179kg	1	1	1		1		
1760-1970	164kg	1			1	1		
1940-2150	214kg	1	1	2		1		
2120-2330	224kg	1	1	1	1	1		
2300-2510	191kg	1	1				1	
2480-2690	201kg	1		1			1	
2660-2870	211kg	1			1		1	
2840-3050	261kg	1	1	2			1	
3020-3230	271kg	1	1	1	1		1	
3200-3410	239kg	1	1					1
3380-3590	249kg	1		1				1
3560-3770	259kg	1			1			1
3740-3950	309kg	1	2		1			1
3920-4130	319kg	1	1	1	1			1
4100-4310	304kg	1	1			1		1
4280-4490	294kg	1		1				1
4460-4670	324kg	1			1	1		1
4640-4850	374kg	1	1	2		1		1
4820-5030	384kg	1		3		1		1
5000-5210	351kg	1	1				1	1
5180-5390	361kg	1		1			1	1
5360-5570	371kg	1			1		1	1
5540-5750	396kg	1	2		1		1	1
5720-5930	431kg	1	1	1	1		1	1
5900-6110	399kg	1	1					2
6080-6290	409kg	1		1				2
6260-6470	419kg	1			1			2
6440-6650	469kg	1	2		1			2
6620-6830	479kg	1		3				2
6800-7010	464kg	1	1			1		2
6980-7190	474kg	1		1		1		2
7160-7370	484kg	1			1	1		2
7340-7550	534kg	1	1	2		1		2
7520-7730	544kg	1	1	1	1	1		2
7700-7910	511kg	1	1				1	2
7880-8090	521kg	1		1			1	2
8060-8270	531kg	1			1		1	2
8240-8450	581kg	1	2		1		1	2
8420-8630	591kg	1	1	1	1		1	2
8600-8810	559kg	1	1					3
8780-8990	569kg	1		1				3
8960-9170	579kg	1			1			3
9140-9350	629kg	1	2		1			3
9320-9530	639kg	1	1	1	1			3
9500-9710	649kg	1		2	1			3
9680-9890	634kg	1		1		1		3
9860-10070	644kg	1			1	1		3
10040-10250	694kg	1	2		1	1		3
10220-10430	704kg	1	1	1	1	1		3
10400-10610	671kg	1	1				1	3
10580-10790	681kg	1		1			1	3
10760-10970	691kg	1			1		1	3
10940-11150	741kg	1	2		1		1	3
11120-11330	751kg	1	1	1	1		1	3
11300-11510	736kg	1	1			1	1	3

PROPPING / 100T PROP

LEGEND 100T ACCESSORIES



100T Rocking Head



100T Base Jack



100T Transfer Plate

Accessory	Weight (kg)
Racking Head	50
Screw Jack	60
Needle Beam Fixing Clamp	18.3
Transfer Fixing Plate	48.5

RACKING WORKING LOAD LIMIT

Effective Length (m)	e = 10 (mm)	e = 25 (mm)	e = 38 (mm)	Governing Envelope (kN)
2	666	603	558	522
2.5	661.5	598.5	553.5	517.5
3	657	594	549	513
3.5	652.5	589.5	544.5	508.5
4	648	585	540	504
4.5	630	569.3	526.5	490.5
5	612	553.5	513	477
5.5	594	537.8	499.5	463.5
6	576	522	486	450
6.5	549	499.5	465.8	432
7	522	477	445.5	414
7.5	495	454.5	425.3	396
8	468	432	405	378
8.5	441	407.3	382.5	357.8
9	414	382.5	360	337.5
9.5	387	357.8	337.5	317.3
10	360	333	315	297
10.5	337.5	312.8	295.9	279
11	315	292.5	276.8	261
11.5	292.5	272.3	257.6	243
12	270	252	238.5	225
12.5	252	236.3	223.9	211.5
13	234	220.5	209.3	198
13.5	216	204.8	194.6	184.5
14	198	189	180	171
14.5	184.5	176.6	168.8	160.9
15	171	164.3	157.5	150.8
15.5	157.5	151.9	146.3	140.6
16	144	139.5	135	130.5
16.5	135	130.5	126	121.5
17	126	121.5	117	112.5
17.5	117	112.5	108	103.5
18	108	103.5	99	94.5

Design Considerations:

- Working Load Limit of 1.5 applied
- Props laterally restrained top and bottom
- Eccentricity of L/200 has been applied around the minor axis
- Approximate / graph-derived, suitable for engineering reference and comparison.

PROPPING / PROPPING ACCESSORIES

Hardwood Sleepers

Hardwood F11 Sleepers are high-strength, durable timber sleepers graded to F11 structural rating, making them ideal for heavy-duty landscaping, retaining walls, and structural applications. These sleepers are known for their high load-bearing capacity, durability, and natural resistance to harsh weather conditions, making them suitable for both above-ground and in-ground use.

APPLICATIONS

- Heavy-duty outdoor construction projects
- Bridge decking, fencing, and pathway sleepers
- Structural propping and support in construction and civil works
- Railway sleepers and industrial timber applications

SPECIFICATIONS

Model No.	Weight (kg)	Length (cm)	Width (cm)	Height (cm)
Quarter - Sleeper	10	60	20	10
Half - Sleeper	20	120	20	10
Full - Sleeper	40	240	20	10



FEATURES

- **Material:** High-quality Australian hardwood for superior strength and longevity.
- **Structural Grade:** F11 rating, ensuring high bending strength and durability in heavy-load applications.
- **Standard Sizes:** Available in 200mm x 100mm, with lengths typically ranging from 2.4m, 1.2m, and 600mm.
- **Weather Resistance:** Naturally resistant to warping, splitting, and decay.
- **Sustainability:** Responsibly sourced from certified Australian forestry.

GT Beams

A GT Beam is a high-strength structural beam specifically designed for heavy-duty propping, formwork, and falsework applications in construction and civil engineering projects. GT Beams provide exceptional load-bearing capacity while maintaining a lightweight yet durable design, making them ideal for temporary support systems, bridge works, and large-scale concrete construction projects.

APPLICATIONS

- Temporary propping and shoring in construction projects
- Falsework support for bridgeworks and heavy concrete structures
- Structural load transfer in civil engineering projects
- Façade retention systems
- Underpinning and excavation support

SPECIFICATIONS

Model No. 1.5m	Weight (kg)	Width (cm)	Length (cm)
GT Beam 2.4m	8.9	8	150
GT Beam 3m	14.2	8	240
GT Beam	17.7	8	300
4.5m GT Beam	26.6	8	450
6m GT Beam	35.4	8	600



FEATURES

- **Material:** High-grade wooden formwork beam for superior strength and durability, with a 240mm deep by 80mm wide profile.
- **Beam Profile:** Optimized for high bending resistance and load distribution.
- **Sizes:** Width 8cm x standard lengths, typically 1.2m, 2.4m, 3.6m, 4.8m. Custom sizes available.
- **Load Capacity:** Engineered for heavy loads, suitable for falsework, propping, and shoring.
- **Compatibility:** Designed to work with Acrow props, Multi prop, Titan props, hydraulic jacks, and modular scaffolding systems.
- **Compliance:** Meets AS/NZS 3610, AS/NZS 1576, and other relevant structural standards.

PROPPING / PROPPING ACCESSORIES

Needle Beams

Needle Beam Propping is a temporary structural support system used in construction and renovation projects to transfer loads from walls or structures to a stable foundation while openings are created, or structural modifications are made. It is commonly used in underpinning, wall removal, façade retention, and structural alterations, providing safe load distribution to ensure stability.

APPLICATIONS

- Temporary support for wall removals and lintel installations
- Load-bearing support during façade retention
- Underpinning and basement excavations
- Propping for bridge and civil infrastructure works
- Structural modifications in commercial and residential renovations

SPECIFICATIONS

Model No.	Weight (kg)	Length (cm)	Width (cm)	Height (cm)
150UB18	40	200	7.5	15.5
200UB22	50	200	13.3	20.2
200UB22	75	300	13.3	20.2
310UC118	250	200	30.7	31.5
310UC118	250	300	30.7	31.5
310UC118	250	400	30.7	31.5
SHS Needle Beams	21	200	7.5	7.5



FEATURES

- **Material:** High-strength structural steel (typically S355 or equivalent) for maximum durability.
- **Beam Sizes:** Available in various standard lengths (e.g., 100mm, 150mm, 200mm, and 250mm UB or UC beams), with custom sizes available based on load requirements.
- **Load Capacity:** Engineered to handle high-load applications in propping, shoring, and falsework systems.
- **Corrosion Resistance:** Hot dip galvanised or painted for long-term durability in harsh environments.
- **Adjustable Support:** Used in combination with Acrow props, hydraulic jacks, and shoring systems for controlled load transfer.
- **Compliance:** Meets AS/NZS 3610, AS/NZS 1576, and structural engineering safety standards.

Scaffold Tube

A scaffold tube is a strong structural component used in scaffolding to provide support and stability for construction and maintenance work. Typically made from steel or aluminium, it forms the main framework for temporary access platforms and is used with fittings such as couplers and clamps to create secure structures.

APPLICATIONS

- Construction scaffolding frameworks
- Propping and temporary structural support
- Industrial and offshore maintenance scaffolds
- Formwork and falsework in civil projects
- Customised pipe structures for warehouses and storage racks

SPECIFICATIONS

Model No.	Weight (kg)	Outside Dimension (mm)
1m	43	50
2m	8.6	50
3m	12.9	50
4m	17.2	50
5m	21.5	50
6m	25.8	50



FEATURES

- **Material:** High-quality galvanised steel for strength and corrosion resistance.
- **Standard Compliance:** Meets AS/NZS 1576, BS 1139, and EN 39 standards for safety and reliability.
- **Diameter:** Typically, 48.3mm outer diameter, compatible with standard scaffold fittings.
- **Wall Thickness:** Available in 48.3mm (Heavy Duty).
- **Lengths:** Supplied in common sizes (e.g., 6m, 4m, 3m, 2m) or cut to custom lengths as required.
- **Finish:** Hot-dip galvanised for rust resistance or painted for identification purposes.

PROPPING / PROPPING ACCESSORIES

Scaff Tube Coupler

A Scaffold Tube Coupler is a critical component used in scaffolding systems to securely connect scaffold tubes, ensuring structural stability and safety in construction, maintenance, and industrial applications. These couplers are designed to provide strong and reliable connections between steel or aluminium scaffold tubes, allowing for the creation of stable working platforms and access structures.

APPLICATIONS

- Construction scaffolding
- Industrial maintenance access platforms
- Temporary structural support systems
- Bridge and infrastructure projects
- Marine and offshore scaffolding



FEATURES

- High-strength forged or pressed steel construction
- Corrosion-resistant galvanised finish for durability
- Designed to meet AS/NZS 1576, BS 1139, and EN 74 standards
- Provides a secure, slip-resistant connection
- Suitable for various scaffolding and propping applications

Titan Coupler

A Titan Coupler is a high-strength scaffold fitting designed for heavy-duty propping and scaffolding applications. It provides a secure, rigid connection between scaffold tubes, ensuring maximum stability and load-bearing capacity. Titan couplers are widely used in falsework, temporary support structures, and high-load scaffolding systems, particularly in construction, infrastructure, and industrial projects.

COUPLER TYPES

- **Titan Fixed Coupler** – Connects two tubes at a 90-degree angle for rigid and stable structures.
- **Titan Swivel Coupler** – Allows tubes to be joined at variable angles, offering flexibility in complex designs.
- **Titan Sleeve Coupler** – Joins two scaffold tubes end-to-end for continuous lengths in propping and support systems.



FEATURES

- **Material:** High-grade forged steel for superior strength and durability.
- **Standard Compliance:** Meets AS/NZS 1576, BS 1139, and EN 74 safety standards.
- **Tube Compatibility:** Designed for 48.3mm OD scaffold tubes (galvanised steel or aluminium).
- **Load Capacity:** Engineered for high-load applications in scaffolding and propping systems.
- **Finish:** Hot-dip galvanised or zinc-plated for corrosion resistance and longevity.
- **Bolt Mechanism:** Heavy-duty bolts and locking nuts for a secure, slip-resistant connection.

APPLICATIONS

- Heavy-duty scaffolding and access platforms
- Propping and falsework support in construction projects
- Bridge and infrastructure temporary works
- High-load industrial and offshore scaffolding
- Formwork and shoring systems

Single Bolt Coupler

Heavy-duty half coupler designed to securely connect 48.3mm OD scaffold tubes to fixed structures and anchorage points. Manufactured from hot-dip galvanised steel for long-lasting corrosion resistance, it provides a strong, reliable connection while allowing for quick installation and removal. Ideal for scaffolding, propping, falsework, and industrial applications.



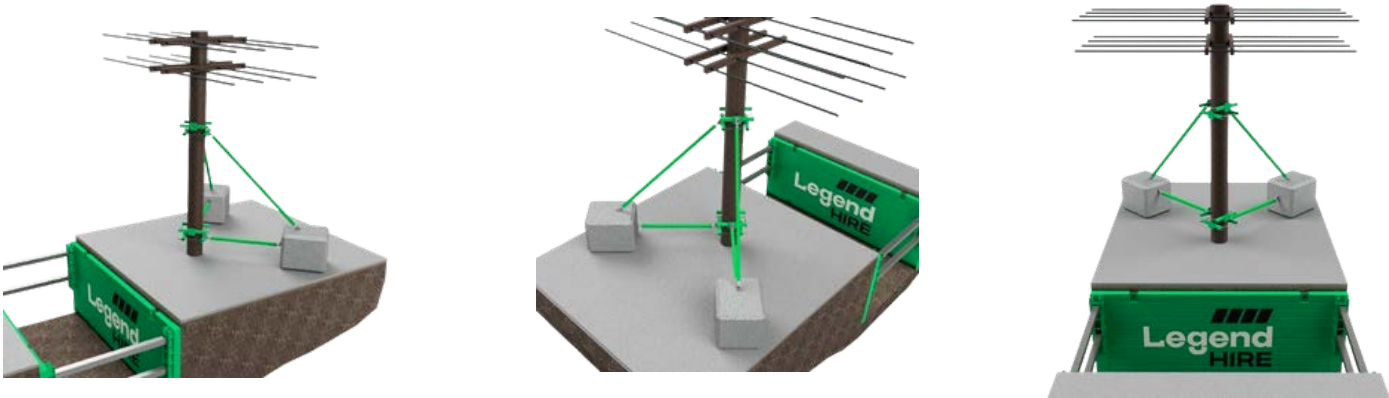
POWER POLE PROPPING

Power Pole Brace

Power Pole Brace is a heavy-duty pole propping solution designed to safely stabilise utility and infrastructure poles during construction, maintenance, and replacement works. Manufactured from 350MPa structural steel and secured using Grade 8.8 threaded rods, the system provides reliable restraint in both X and Y directions. Compatible with Legend Hire's modular and tilt prop systems, it delivers a safe, efficient, and cost-effective alternative to larger pole support equipment while accommodating pole diameters from 250mm to 530mm.

FEATURES

- Manufactured from 350MPa structural-grade steel
- Provides restraint and stability in both X and Y directions
- Secured using high-strength Grade 8.8 threaded rods
- Compatible with modular and tilt prop systems
- Compact alternative to pole grab trucks
- Engineered and installation support available
- Custom configurations available for non-standard pole sizes
- Suitable for temporary pole stabilisation during construction and maintenance works



Concrete Blocks - 1.5T

With a approx weight of 1500kg, Legend Hire concrete blocks are ideal as a mass counterweight for a range of propping applications.

Dimensions	1800 x 600 x 600 mm
Weight	Approx.1500 kg



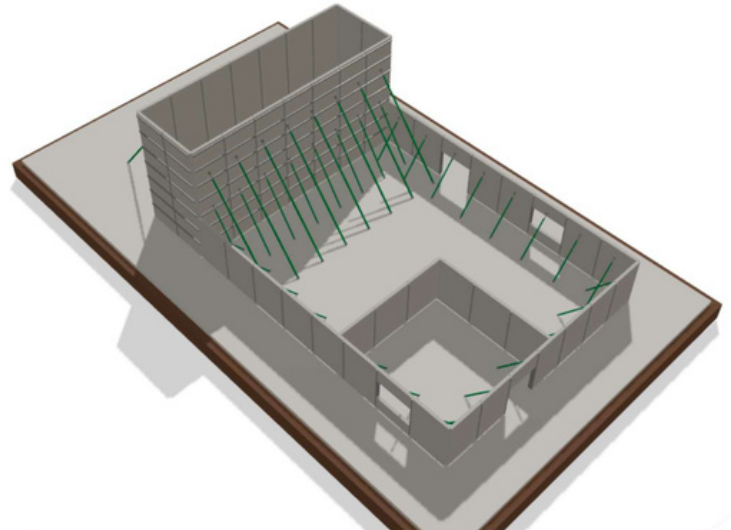
PROPPING – STEEL TILT PROPS

Tilt Props – Steel Tilt Props

The Legend Hire Tilt Prop is a purpose-designed temporary propping system very versatile, used to brace precast concrete tilt-up panels, façade retention, retaining walls, power pole propping, bracing towers, among other applications.

Tilt props provide temporary lateral stability and remain in place until the structure has been installed and achieved sufficient strength to provide permanent lateral stability.

Tilt props are supplied as a hire or sale item and must only be used in accordance with an approved engineering design, a site-specific temporary works plan, and this data sheet. Working Load Limits below are the governing (lower of compression and tension) capacities confirmed by independent load testing.

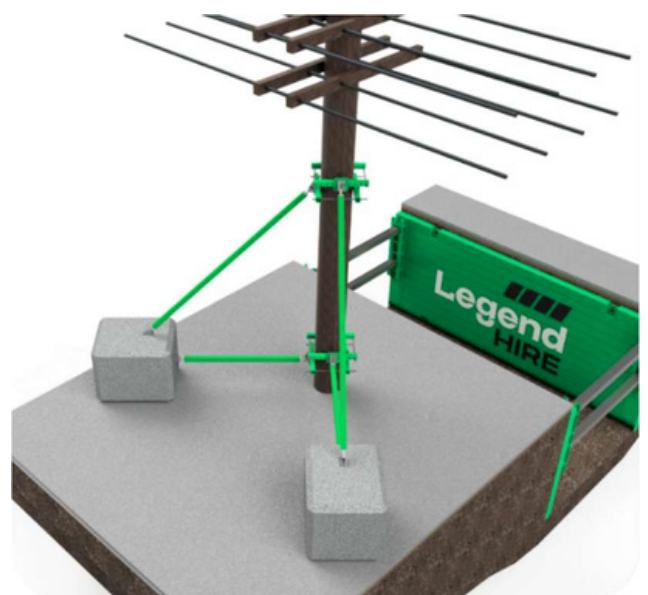


KEY FEATURES & BENEFITS

- Purpose-built temporary propping for bracing precast tilt-up concrete panels during construction
- Ranges covering 1.23 m to 10.1 m of extension, to suit varying heights and site conditions
- Coarse pin-and-hole adjustment plus fine screw-thread adjustment for accurate plumb and alignment, with disposable tilt prop locks.
- Independently tested in both compression and tension to confirm safe Working Load Limits
- Robust structural steel construction with a galvanised finish
- Compatible with standard cast-in ferrule and slab anchor fixings in accordance with AS 3850

WORKING LOAD LIMITS

The values below reflect the lower of the compression and tension capacities confirmed by independent load testing center, in which each model was proof loaded to twice its nominal WLL and held for 5 minutes.



Tilt Props – Steel Tilt Props

MODEL	CLOSED POSITION			MIDDLE POSITION			FULL EXTENSION			MASS (KG)
	Length (mm)	Compression WLL (KN)	Tension WLL (KN)	Length (mm)	Compression WLL (KN)	Tension WLL (KN)	Length (mm)	Compression WLL (KN)	Tension WLL (KN)	
TRENCH MINI A 1.23 m – 1.6 m	1230	35	35	1410	32	32	1600	30	30	18
SUPA TRENCH MINI 1.5 m – 2.55 m	1500	35	35	2000	32	32	2550	30	30	26
MINI 2.835 m – 4.245 m	2835	35	35	3665	30	32	4245	25	30	40
STANDARD 4.365 m – 6.580 m	4365	40	40	5515	20	23	6580	10	14	52
JUMBO 6.375 m – 10.170 m	6375	22.5	25	8150	9.5	11	10170	6	6	79

* Above capacities as per the specified length with foot thread fully closed.

MATERIAL SPECIFICATION

Main Tube Material	Grade 350 structural steel (AS/NZS 1163)
Fittings & Brackets	Grade 350 structural steel
Hardware	Galvanised high tensile pins & disposable locks
Foot Plate	Structural steel with predrilled fixing holes
Surface Treatment	Hot dip galvanised

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Legend
HIRE

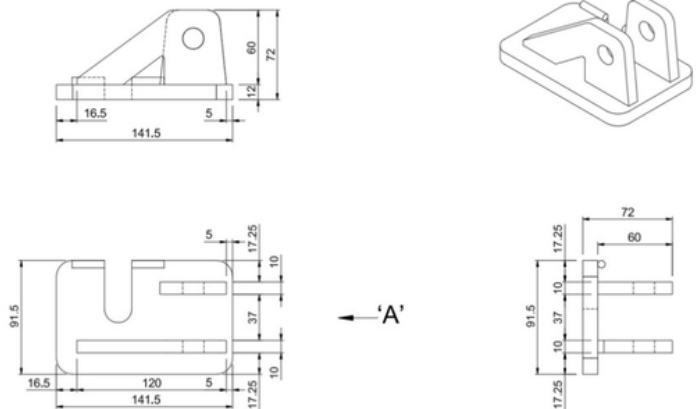


PROPPING – STEEL TILT PROPS

TILT PROP FOOT DETAILS & FIXING CONNECTIONS

All tilt props have the same foot details at both ends. For fixing to concrete panels or slabs, the standard detail is 1 x Hilti Panel Brace Anchor M14 x 115 at each end. Refer to technical specifications on the anchor in the table below, as per Hilti Technical Data.

Where tilt props need to fix to steel members or modular props such as the Legend 50 and Legend 100, the standard detail instead uses 1 x M20 bolt with nut and oversized washer.



Hilti HBI Panel Brace Anchor

Description	Drill Ø (mm)	Embedment Depth (mm)	Fixture Thickness (mm)	Clearance Hole (mm)	Installation Torque (Nm)	Socket Size (mm)	WLL Shear (kN)*	WLL Tension (kN)*
Hilti Panel Brace Anchor M14 x 115	20	95	20	22	150	30	35.8	17.3

*Above Working Load Limits for Non-cracked concrete (20MPa Concrete). All specifications and loads as per Hilti Technical Data.

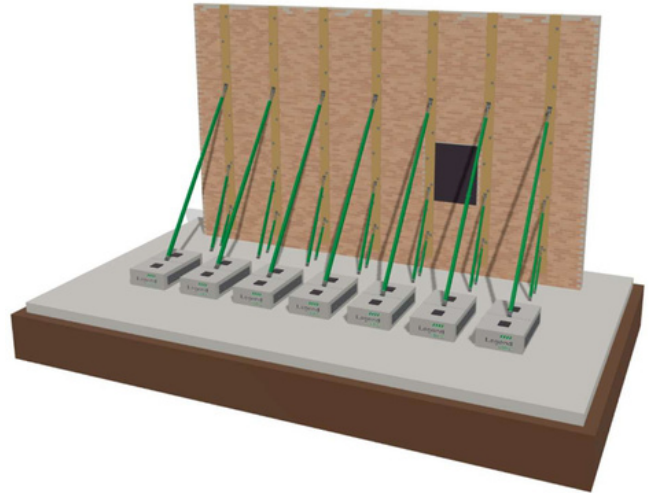
Steel to Steel Fixing Details



PROPPING – STEEL TILT PROPS

ENGINEERING AND INSTALLATION

- Use only in accordance with a project specific temporary works design prepared by a suitably qualified engineer (AS 3850.1)
- Typical incline 45–60°; the base connection must provide positive fixing.
- Post-installation inspections and after any significant wind event, in accordance with AS 3850. Props must not be removed until written approval is given, once all permanent connections are complete (AS 3850.2, CI 6.3)
- Legend Hire is a hire company specialised in Temporary Works Design. We provide expert temporary works solutions for projects ranging from residential developments to government funded super projects. Our in-house team of engineers is accredited with Engineers Australia (CPEng), the Board of Professional Engineers of Queensland (RPEQ), offering certified designs for propping, hydraulic jacking.



PROPPING – STEEL TILT PROPS

OPERATING INSTRUCTIONS

1. Pre-Installation Checks

Before commencing installation, the competent person must verify the following:

- Confirm prop identification tag is present, and load rating is legible
- Inspect prop for visible damage — deformation, cracks, bent tubes, damaged threads, missing or bent pins, worn clips
- Confirm foot plate and head bracket are fitted and undamaged
- Confirm all pins are present and clips are serviceable
- Verify the approved propping layout drawing is on site and current revision
- Confirm slab has been checked for adequate strength to receive foot plate anchors
- Check weather conditions — suspend operations in wind exceeding project wind limit

2. Installation Procedure

- Review the engineer-approved propping layout drawing. Confirm prop positions, spacing, inclination angle, and anchor requirements before any panels are lifted.
- Pre-position props adjacent to the panel lift zone prior to crane lift. Set the prop to the approximate required length using the pin-and-hole adjustment. Ensure the retaining pin is fully inserted, and clip is secured.
- For tilt panel propping installations, during panel lift and rotation to vertical, hold off all personnel from the panel face. Do not attach props until the panel is vertical, held by the crane, and the rigging team has confirmed stability.
- Attach the head bracket to the cast-in anchor bolt or panel insert as specified on the design drawing. Tighten bracket fixing nut to the engineer-specified torque. Do not use improvised connection methods.
- Position the foot plate at the correct location on the slab as per the layout drawing. Drill and install slab anchor bolts (chemical or mechanical anchors as specified). Torque to engineer specification. Do not use partial anchor patterns.
- Once both foot plate and head bracket are fixed, extend or retract the prop tube to achieve the correct inclination and tension as required by the design.
- For tilt panel propping installations, signal crane operator to confirm crane can be released only after: (a) minimum two props are connected and loaded per panel, (b) all pins are inserted and secured with R-clips, and (c) the supervisor has visually verified each prop connection.
- Record installed prop number, location, and inspection status on the daily propping register.

3. Adjustment During Service

- Only adjust props under the direction of a competent person and in accordance with the engineering design.
- Never adjust or remove a prop while wind, construction loads, or other dynamic forces are elevated
- Always check pin engagement and clip retention after any adjustment
- Record all adjustments on the propping register

4. De-propping Procedure

- Obtain written de-propping authorisation from the structural engineer of record before commencing removal.
- De-prop in the sequence specified by the engineer. Do not remove props in a random order or remove more than the specified number at any time.
- Slacken the fine-adjust thread before withdrawing pins. Release foot plate anchors and remove head bracket. Lower prop to ground in a controlled manner.
- Inspect each prop upon removal (see Section 5 — Inspection). Tag damaged or suspect items for workshop assessment before returning to hire stock.







JACKING HIRE

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SYNC-MASTER LIFTING SYSTEM

SYNCMASTM

Synchronous Lifting System

The SyncMaster system is an advanced, computer-controlled hydraulic lifting solution designed to deliver unparalleled safety for personnel and property during large-scale engineering and maintenance projects.

This innovative system allows operators to set parameters that prevent the lift from deviating from a predetermined lift plan. SyncMaster continuously monitors and calculates cylinder loads, stroke lengths, total loads, and the center of gravity in real time. If any parameter exceeds the set limits, an alarm is triggered, and the system halts the lift automatically to ensure safety.

FEATURES

- **Center of Gravity Monitoring:** The system defines a programmable rectangular or circular boundary to control the movement of the load's center of mass. If the center of mass nears this boundary, an alarm is triggered, and the lift stops, making it ideal for handling tall or unevenly loaded structures.
- **Precision and Control:** SyncMaster provides precise control and monitoring of complex lifting operations. Real-time data on every configuration, process, and alert is displayed and recorded, eliminating the need for manual measurements and reducing costs. Accuracy to 0.5mm
- **Data Collection and Analysis:** All lift and alert data is logged throughout the operation and can be easily exported for analysis and future lift planning.
- **Multiple Lift Points:** The system supports up to 16 power packs controlled by a single master unit, enabling a maximum of 128 individually controlled cylinder points. It ensures precise, repeatable load movements regardless of weight distribution or load size.

SyncMaster is a self-contained, robust system engineered for ease of transport and operation, offering unmatched safety and efficiency in synchronous lifting.

- **Max operating pressure: 700 bar**
- **15" full colour control screen**
- **Durable Construction:** Rigid steel frame made from 50mm RHS for strength and durability.
- **Weather Resistant:** Designed for use in field conditions.
- **Transport-Friendly:** Includes forklift and sling lifting points for ease of movement.
- **Oil System:** 300L oil capacity with a return line filter, plus oil level and temperature alarms.



SPECIFICATIONS

- **Touch Screen Control:** 15-inch full-color touch screen, scratch and cut-resistant, designed to withstand harsh environments. Displays lift parameters and alerts in real time.
- **Flow Control:** Variable frequency drive motor ensures a wide range of pump flow rates. Controlled by a joystick for smooth directional control.
- **Control Valves:** High-speed, leak-free solenoid valves with 100% duty cycle for accurate flow control.
- **Stroke Transducers:** High-precision linear transducers provide precise positional data. Optional tilt meters are available for added control.
- **Pressure Monitoring:** Pressure transducers monitor loads at each lifting point. Optional load cells are available for highly precise weighing operations.
- **Data Logging and Export:** Lift data is displayed and stored for further analysis. Data can be downloaded in formats compatible with Excel for detailed record-keeping.
- **Emergency Stop:** Prominently located emergency stop ensures quick access during operation.

OPERATION MODES

- 1) **Manual Control:** Each cylinder can be controlled individually via joystick.
- 2) **Uniform Displacement:** Enables parallel or correction lifts for even load distribution.
- 3) **Tilt Control:** Adjusts load positioning along one or two axes.
- 4) **Staged Load Testing:** Applies stepped loads to test pylons, anchors, or other structures.
- 5) **Pre-Load Cylinders:** Advances each cylinder to a set load before starting the lift.
- 6) **Gravity Center Monitoring:** Prevents the center of mass from moving outside the defined boundary.

SDL JACK STANDS

SAFE D LOCK[®] (SDL) Self-Propelled Lifting Jack and Rated Vehicle Jack Stand for Heavy Mining Vehicles

Durapac SDL Safe-D-Lock Dump Truck and Dozer Jacks

The Safe-D-Lock range by Durapac is a cutting-edge solution for lifting and supporting heavy mining vehicles, including dump trucks, haul trucks, and dozers. With operator safety as a top priority, these jacks combine high-capacity lifting capabilities with the reliability of an integrated mechanical locking system, ensuring fail-safe operation.

Durapac 100-Ton SDL Safe-D-Lock Dozer Lifting Jacks

The new 100-ton Safe-D-Lock jacks are specifically engineered for lifting heavy dozers, including CAT D9, D10, and D11 models, along with other popular dozer brands.

This innovative jack features a low-clearance, reduced-width design, allowing for quick and easy positioning under dozer lift points. Its dual functionality as a lifting jack and rated vehicle jacking stand provides exceptional versatility. By simply lifting and locking out the jack, it can be seamlessly converted into a stable support stand.

FEATURES

- **Capacity Options:** 70-ton (77 US ton), 100-ton (110 US ton), 135-ton (150 US ton), and 181-ton (200 US ton).
- **Stroke Range:** 400–685 mm.
- **Certified:** AS/NZS 2693:2007 for vehicle jacks and AS/NZS 2538:2004 for vehicle support stands.
- **Patented Fail-Safe Design:** Oil-immersed internal mechanical locking quadrants remain engaged during operation, ensuring maximum safety and fail-safe locking in the event of hydraulic failure.
- **Locking mechanism:** Engages in 13mm increments for precise height adjustment.
- **Compact, portable design:** Ideal for workshops or field service vehicles.
- **Hydraulic System:** Powered by a Gast[®] 3.9 kW air motor.
- **Safety Indicators:** Lock indicators confirm locked and unlocked statuses.
- **Dual Hydraulic Locking Valves:** Provide additional safety and control.
- **Counterbalance Valve:** Ensures smooth and controlled load lowering.
- **Durable Tyres:** Heavy-duty, polyurethane-filled, puncture-proof tyres with 450mm rolling diameters.
- **Optional Powerdrive System:** The Safe-D-Lock jack can be upgraded with the Powerdrive system, transforming it into a self-propelled lifting and jacking solution.
- **Dual Independent Drives:** Each wheel is powered independently for precise forward and reverse control.
- **Deadman Switches:** For added safety and easy manoeuvring.
- **Toggle Switches:** IP65-rated three-position switches (Forward, Neutral, Reverse) for all-weather use.
- **Includes** two M18 Red Lithium™ 5 Ah batteries and a 230 VAC charger.



SDL JACK STANDS & TRACK PIN PRESS

SDL JACK STANDS RANGE

Model No.	Weight (kg)	Stroke (mm)	Jack Capacity (Ton)	Cylinder Effective Area (Cm ²)	Collapsed Height (mm)	Max Lift Height (mm)	Base Plate Diameter (mm)
SDL-07068	1408	680	70	686	143	404	1408
SDL-07081	1680	812	70	686	143	535	1680
SDL-Dozer Jack	1250	550	100	980	143	274	1250
SDL-10068	1408	680	100	980	143	404	1408
SDL-10081	1680	812	100	980	143	535	1680
SDL-15068	1408	680	150	1324	254	400	1408
SDL-15096	1680	960	150	1324	254	685	1680
SDL-20068	1408	680	200	1781	254	400	1408
SDL-20096	1680	960	200	1781	254	685	1680

SDL JACK STANDS ACCESSORIES

Model No.	Weight (kg)	Height (cm)	Description	Diameter (mm)	Total Length (mm)	Spigot Depth (mm)	Spigot Diameter (mm)
SDEI00-150	7	210	150 mm Extension **	112	210	60	50
SDEI00-300	13	360	300 mm Extension **	112	360	60	50
SDEI50-150	7	210	150 mm Extension **	126	210	60	50
SDEI50-300	13	360	300 mm Extension **	126	360	60	50
SDE200-150	8	210	150 mm Extension **	140	210	60	50
SDE200-300	15	360	300 mm Extension **	140	360	60	50
SDLC-100	3	82	Serrated Steel Load Cap *	112	82	60	50
SDLC-150	3	82	Serrated Steel Load Cap *	126	82	60	50
SDLC-200	4	82	Serrated Steel Load Cap *	126	82	60	50
SDS-100	5	110	Serrated Tilt Saddle **	112	110	60	50
SDS-150/200N	5	114	Serrated Tilt Saddle **	126	114	60	50
SDS-200	6	110	Serrated Tilt Saddle **	126	110	60	50

TRACK PIN PRESS

Hydraulic Track Pin Presses - Portable TTP Series

The portable TTP-Series Track Pin Press is designed for efficient disassembly and reassembly of chain sections, drive wheels, pulleys, rollers, gears, bearings, and shafts, whether in the workshop or directly in the field.

Your Durapac distributor can provide a comprehensive tooling chart upon request, detailing various machine brands, models, and the corresponding track pin diameters.

The TTP-Series Track Pin Press is a versatile and effective solution for heavy-duty applications, delivering superior performance in both workshop and field environments.



Model No.	Weight (kg)	Capacity (Ton)	Frame & Cylinder Weight (Kg)	Package Dimensions (LxWxH)	Suitable Pin Set Diameter (mm)	Suitable Pin Set Length (mm)	Tooling Sets
TTP-50	240	50T	85	150 x 60 x 65	19.3-36.4	150-180	4
TTP-100	500	100T	205	170 x 60 x 75	19.3-60.2	150-320	10
TTP-150	390	150T	372	190 x 75 x 75	22.0-70.0	-	8
TTP-200	630	200T	630	205 x 95 x 95	36.4-73.9	200-440	10

HYDRAULIC CYLINDERS



AC SERIES
Spring-Return
Aluminium
20-200t · 150-250mm · 700 bar



ACD SERIES
Double-Acting
Aluminium
30-100t · 75-250mm · 700 bar



ACHD SERIES
Double-Acting Hollow
Piston
30-150t · 50-300mm · 700 bar



RAP SERIES
Single-Acting
Aluminium Pull
20-100t · 50-150mm · 700 bar



ACHS SERIES
Spring-Return Hollow
Piston
10-50t · 150mm · 700 bar



ACSLC SERIES
Locking Collar
Aluminium
30-200t · 150mm · 700 bar



RD SERIES
Double-Acting Collar
Thread
30-100t · 75-250mm · 700 bar



RFJ SERIES
Single-Acting Low-
Height Flat
5-150t · 6-16mm · 700 bar



RDHG SERIES
Double-Acting High-
Tonnage
50-1600t · 50-300mm · 700 bar



RG SERIES
Single-Acting Collar
Thread
30-150t · 38-258mm · 700 bar



RHS SERIES
Single-Acting Hollow
Piston
5-100t · 16-362mm · 700 bar



RHD SERIES
Double-Acting Hollow
Piston
2-100t · 8-155mm · 700 bar



RJ SERIES
High-Tonnage
Jacking
150-200t · 50-100mm · 700 bar



RLP SERIES
Single-Acting Low-
Profile
10-100t · 38-62mm · 700 bar



RPLC SERIES
Pancake Locking
Collar
60-500t · 45-50mm · 700 bar



RSH SERIES
Single-Acting High-
Tonnage
50-1000t · 50-300mm · 700 bar



RSLC SERIES
High-Tonnage
Locking Collar
50-1000t · 50-300mm · 700 bar



RSHG SERIES
Single-Acting High-
Tonnage
50-1000t · 50-300mm · 700 bar

PUMPS & MECHANICAL EQUIPMENT



DPA SERIES

Air Hydraulic Power Unit

350–2600cc · 240/700 bar



DPR SERIES

Two-Speed Air Power Unit

11L reservoir · 700 bar



PE SERIES

Auto 2-Speed Electric

0.84–11kW · 0.73–8.1 LPM · 700 bar



PD SERIES

Diesel Radial Piston

50L · 3.4kW Hatz · 700 bar



PE SERIES

Single-Speed Radial Piston

0.95–8.10 LPM · 700 bar



PE SERIES

2-Speed Electric Gear Pump

700 bar



PP SERIES

High-Pressure Petrol

Honda GXV 2.6kW · 10L · 700 bar



PE SERIES

Split Flow Power Pump

4 outlets · 2/6/8-way · 700 bar



P SERIES

Steel-Bodied Manual Hand Pump

240–8000ml · 240/700 bar



P SERIES

High-Flow Manual Hand Pump

8000ml · 113cc/stroke · 700 bar



DBJ SERIES

Hydraulic Bottle Jacks

10–20t · screw extension



TJ SERIES

Hydraulic Toe Jacks

2–25t · spring return



DJS SERIES

Air-Assisted Jack Stands



DRJ SERIES

Hydraulic Rail Jacks







TRAFFIC HIRE

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CRASH BARRIERS

Deltabloc Concrete Barriers

The Deltabloc DB80 is an F-shape steel reinforced MASH approved concrete barrier. With the patented Deltabloc coupling system, the DB80 allows a slight tilting of the impact energy in case of a heavy impact. Elastomer bearings between the single barriers ensure controlled damping of peak loads. This guarantees reliable breakthrough prevention for heavy vehicles and soft impact behaviour for small cars. Approved for road use up to 100km/hr in NSW and VIC and 80km/hr in QLD and WA, the Deltabloc DB80 concrete jersey barrier can reduce the risk of a head-on collision as a result of an out of control vehicle crossing over the median strip into oncoming traffic.

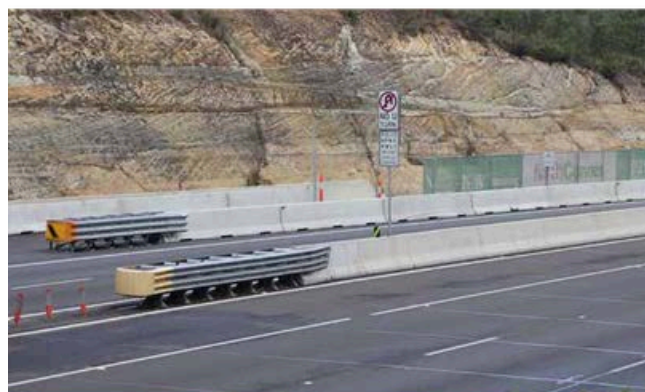
FEATURES

- 2 metre length
- Rated to 100km/hr in NSW and VIC and 80km/hr in QLD and WA Weighs 600kg per metre
- Easy coupling design
- Can be bolted or pinned in place
- This PCB or precast barrier is compatible with popular crash cushions including the TAU-II and Absorb 350

APPROVALS

- MASH Tested to TL-3, and are approved for use by Aus roads on roads up to 100km/hr.
- Approved by NSW RMS, QLD Main Roads, Vic Roads, WA Main Roads up to 80km/hr

Length	2m	4m	6m
Height	80cm	80cm	80cm
Weight	1200kg	2400kg	3600kg
Material	Concrete	Concrete	Concrete



ALSO AVAILABLE

- Bolt down plates
- Steel mesh panels for safety
- Shadecloth or printed fence fabric

CRASH BARRIERS

Lo-Ro Water Filled Barrier

The Lo-Ro is a water filled barrier with a MASH rating of TL-1 and TL-2 (70km/hr). It has a stout design for maximum durability, and has the best TL-2 deflection in its class in the Australian market, plus shorter clear zones and shorter minimum length. Red unit (also available in white).

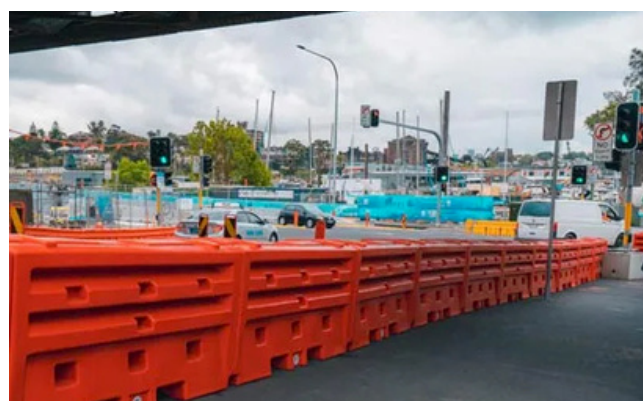
FEATURES

- Sturdy & Stable: Designed for maximum durability with low deflection.
- Lowest Deflection: MASH TL-2 water-filled barrier at just 3.6m.
- Certified End-Treatment: SLED Lo-Ro meets MASH TL-2 standards.
- Secure Connection: Interlocking knuckles prevent rotation.
- Reinforced Protection: Three galvanized steel cables limit penetration.
- Versatile & Freestanding: No anchoring needed; suitable for various surfaces.
- Easy Storage & Transport: Molded stacking lugs included.
- Durable Materials: Energy-absorbing plastic shell resists cracking/corrosion.
- Impact Response: Modules collapse, rupture, and disperse water safely.
- Convenient Filling: Large 200mm opening with twist-lock lid for secure sealing.

APPROVALS

- MASH TL-1 and TL-2
- Rated Speed: MASH 50km/hr TL-1 and 70kph TL-2
- Dynamic Deflection: 1.8m TL-1 & 3.6m TL-2
- Complies with AS/NZS 3845
- Austroads approved
- Approved for use by NSW RMS, QLD TMR, Vic Roads, Main Roads WA, SA DPTI and NT DIPL

MASH Tested	TL-2 70km/hr
Deflection	3.6m
Weight	72.58kg when empty
Weight	726kg when full
Length	1924mm (pin to pin)
Length Overall	2096mm
Width	572mm
Height	876mm
Colour	Red
Other	200mØ hole at top for water filling



ANTI-GAWK PANELS & PEDESTRIAN BARRIERS

Lo-Ro Anti-Gawk Screen

The Lo-Ro anti-gawk screen to suit Lo-Ro water filled crash barriers. Fits easily to the Lo-Ro barrier to provide a more thorough protection around the work site. With the addition of the fence panels, these barriers provide good protection for temporary worksites and other miscellaneous roadside activities.

Length	1965mm
Height	1200mm
Weight	20kg per panel



Anti-Gawk Screen for Concrete Road Barrier

Mesh panels commonly known as anti-gawking screens are used on civil work sites and construction sites to reduce the visibility of the site's activities to the general public and to pedestrians or vehicles passing by. Reducing visibility on roadside work zones provides safety for road users. Drivers often become distracted by roadwork and this can lead to a hazardous situation for both drivers and workers. Anti-gawk screens can also play an important role in promoting your business, brand or project, with the use of printed banner mesh or shade cloth which is easily attached to the mesh panels.



Length	6m
Height	1100mm

TRAFIX 2000 Water Filled Pedestrian Barriers

Simple and lightweight alternative to crash barriers for pedestrian applications. Easy install when empty, each module weighs just 18kg before filling. Once filled with water, each barrier weighs 220kg, providing a significantly stable and secure barrier made from material that is strength tested to Australian Standards. Rounded corners make it safe and easy for workers to handle, and a simple interlocking pin and hole system is moulded into each barrier module, resulting in a one-piece unit with no loose pins. Built-in handles help with the interlocking process and carrying the barrier when empty. It is ideal for use in pedestrian delineation applications such as this, as well as for cordoning off no-go zones, drop-offs and pits on work sites. Lights and signage can also be attached, transforming the barriers into a 24 hour traffic control product.



ROAD PLATES & SITE EXIT MATS

Road Plates

Engineered for versatility and safety, making them ideal for various construction and infrastructure projects. Provided lifting holes allow for easy lifting and placement with corner deck pin holes for secure placement. Manufactured and certified to meet Australian Standards, these road plates offer reliability and durability.

FEATURES

- With anti-slip surface
- Edge and centre holes for lifting
- Deck pin holes in corners
- Ideal for covering trenches & road excavations to allow vehicle access



Length	1220mm	2440mm	3000mm	3000mm	3000mm	4000mm	4000mm
Width	1220mm	1220mm	1220mm	1800mm	1800mm	1800mm	1800mm
Height	25mm	25mm	25mm	25mm	32mm	25mm	32mm
Weight	283kg	566kg	707kg	1060kg	1356kg	1413kg	1809kg
Material	Steel	Steel	Steel	Steel	Steel	Steel	Steel
Colour	Black	Black	Black	Black	Black	Black	Black

ALSO AVAILABLE

- Road Plate Lifter



Diamond Track Site Exit Mats

A cost-effective alternative to rock & Rumble bars in construction site entrances & exits. DiamondTrack™ mats feature a distinctive diamond-shaped profile, delivering unparalleled strength, durability, and effectiveness, in tire deformation and sediment dislodgement. Fast & easy to install, & simple to transport, DiamondTrack™ mats save tons of contaminated rock going to landfill, compared to using traditional construction site entrances. No excavation is required for installation, and cleaning quickly restores the effectiveness to its original condition.

FEATURES

- High-Density Polyethylene (HDPE) with special impact modifiers Diamond pyramids
- Joining holes



Size	2.13m x 3.66m (7.80m ²)
Thickness	9.53cm
Weight	197.3kg
Colour	Safety Orange

ACCESS MATS & RUMBLE GRIDS

Samson™ Composite Mat

Designed for heavy duty applications, the SAMSON™ composite matting system will meet the demands of the drilling, energy, transmission, and civil construction industries. Manufactured using unique 'hot-melt' technology, our SAMSON™ mat offers superior strength and durability, while eliminating the possibility of environmental contamination from micro plastics. SAMSON™ mats join seamlessly with a rugged overlapping flange, ensuring a very high load bearing capacity. Their pins and dimensions enable SAMSON™ mats to be interlocked with some other brands of mats, providing uniformity on site.

FEATURES

- Overlapping Flanges: Seamless load transfer between mats, improving ground coverage and reducing trip hazards.
- Cam Lock Connection System: Fast, secure and tool-assisted locking for safe deployment.
- Compact for Transport: Easily stacked and efficiently transported to reduce freight costs and handling time.



Module Size (Actual)	2.40m x 4.18m x 10.5cm
Module Size (Useable Platform)	2.10m x 3.89m
Module Weight	472kg
Weight Loading	650psi
Flame Resistance	UL94

Versadeck™ Access Mat

Over mud, sand, turf, or sensitive sites, whatever the ground conditions, VERSADECK® access mats will reduce damage to your equipment and the environment from recovery efforts, while increasing the safety and efficiency of your staff. No more delays from vehicles bogged on soft ground, or time wasted with site remediation after the project is done, VERSADECK® trak mats will become an indispensable part of your operation. Whether you are in mining, exploration, utilities, heavy lifting, landscaping or construction, there is a size to suit your application, with features and outstanding performance to keep you moving year after year. These mats are the choice of professionals world-wide.



Rumble Grids

With its innovative design the rumble grid allows for effortless cleaning of a wheel in just one full rotation, saving valuable time and effort. Built to withstand an impressive 18 tonnes per axle, constructed with the highest quality materials, guaranteeing long-lasting performance. Measuring 4000mm long x 2000mm wide x 200mm high, the Rumble Grid provides ample space for thorough cleaning.

Length	4m
Width	2m
Load Rating	18T per axle



SOUND CURTAINS

SOUND QUILT Soundproof Curtains

Acoustic sound barrier curtains offer a cost-effective solution for reducing airborne noise, with up to 24dB noise reduction. Made from layered noise-dampening materials, they are durable, lightweight, and easy to install. Velcro strips and eyeleted hems allow panels to clip together, forming a solid barrier suitable for fencing, hoarding, scaffolding, and other construction structures. Commonly used to protect pedestrians, nearby residents, and workers from noise during construction or in high-traffic, noisy environments.

FEATURES

- 24dB noise reduction (average)
- Noise reduction coefficient (NRC) of 0.80 in absorption test
- Easily transported between construction sites
- Quick and easy to erect
- Waterproof and UV resistant material
- Robust and durable fire resistant construction
- Versatile – can be installed indoors and outdoors
- Also effective in controlling dust & fumes
- Vision panels and access doors can be incorporated



Length	2000mm
Width	1300mm
Weight	Approx. 8kg each

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EARTHMOVING HIRE

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MINI EXCAVATORS

KUBOTA

Premium Mini Excavator U17-5 (1.7 tonne)

The Kubota U17-5 Premium is a compact 1.7 tonne mini excavator that combines exceptional manoeuvrability with dependable performance, making it ideal for hire across landscaping, residential and light commercial jobs. Its tight tail swing and smooth hydraulic control allow precise digging and trenching in confined spaces, while comfortable operator features and robust build quality ensure reliability throughout the day. Efficient fuel use and easy transportability add to its appeal, offering great versatility for site preparation, utilities work, footings and general earthmoving tasks.

FEATURES

- Meets all Tier 1 specifications required for Tier 1 projects
- Compact size with tight tail swing for confined spaces
- 1.7 tonne operating weight ideal for light to medium earthmoving
- Smooth, responsive hydraulics for precise digging, trenching, and grading
- Durable rubber tracks that minimise ground damage and provide strong traction on a variety of surfaces
- Comfortable operator station with intuitive controls to reduce fatigue



Model No.	Kubota U17-5
Bucket Breakout Force	Approx. 1609 kgf
Engine Power	16.1 hp (12.0 kW)
Fuel Type	Diesel
Ground Clearance	Approx. 155 mm
Max Reach at Ground	Approx. 3,880 mm
Operating Weight	Approx. 1770 to 1805 kg
Overall Width	4.4 m/h
Rated Operating	Approx. 2300 mm
Capacity Travel Speed	1000 to 1300 mm

KUBOTA

Premium Mini Excavator U27-4 (2.7 tonne)

The Kubota U27-4 Premium is a versatile and reliable 2.7-tonne mini excavator ideal for hire across landscaping, construction, and utility jobs. Compact yet powerful, it delivers strong digging performance and smooth, responsive controls in a nimble, easy-to-transport design. Comfortable operator features and excellent stability make it perfect for tight urban sites or bulk earthworks on larger projects. With proven Kubota durability and efficient fuel use, the U27-4 Premium offers dependable performance for trenching, foundations, site prep, and more.

FEATURES

- Meets all Tier 1 specifications required for Tier 1 projects
- 2.7-tonne operating weight offering an excellent balance of power and manoeuvrability
- Compact design ideal for tight access sites and residential projects
- Smooth, responsive hydraulic controls for precise digging & trenching
- Durable rubber tracks that minimise ground damage and provide strong traction on a variety of surfaces
- Powerful and fuel-efficient Kubota diesel engine
- Comfortable operator station with ergonomic controls



Model No.	Kubota U27-4
Bucket Breakout Force	Approx. 2350 kgf
Engine Power	20.9 hp (15.6 kW)
Fuel Type	Diesel
Ground Clearance	Approx. 300 mm
Max Digging Depth	Approx. 2820 mm
Max Reach at Ground	Approx. 4650 mm
Max Travel Speed	Up to 4.4 km/h
Operating Weight	Approx. 2660 to 2700 kg
Overall Width	Approx. 1550 mm

MINI EXCAVATORS

KUBOTA Premium Mini Excavator U35-4 (3.5 tonne)

The Kubota U35-4 Premium is a powerful and versatile 3.5 tonne mini excavator designed for hire on demanding construction, landscaping, and civil projects. Offering excellent digging force and lifting capacity in a compact zero tail swing design, it delivers outstanding performance while remaining safe and stable in confined or busy worksites. Smooth hydraulics, precise controls, and a comfortable operator environment ensure efficient operation throughout the day, while Kubota's renowned reliability and fuel efficiency provide dependable results for trenching, foundations, site preparation, and general earthmoving tasks.

Model No.	Kubota U35-4
Bucket Breakout Force	Approx. 3600 kgf
Engine Power	Approx. 26.5
Fuel Type	hp (19.8 kW) Diesel
Ground Clearance	Approx. 360 mm
Max Digging Depth	Approx. 3350 mm
Max Reach at	Approx. 5650 mm
Ground Max Travel	Approx. 4.8 km/h
Speed Operating	Approx. 3480 to
Weight Overall	3500 kg
Width	Approx. 1750 mm



COMPACT EXCAVATORS

KUBOTA

Compact Excavator U55-4G (5.5 tonne)

The Kubota U55-4G is a robust 5.5 tonne excavator built for hire on medium to heavy-duty jobs, delivering strong digging power, smooth hydraulic performance and excellent stability across varied terrain. Its compact design with minimal tail swing makes it ideal for tight urban sites, trenches and landscaping, while a comfortable operator cabin and intuitive controls help boost productivity throughout long days. Reliable, fuel-efficient and easy to transport, the U55-4G is well-suited to site preparation, utilities work, footings, demolition and general earthmoving tasks.

FEATURES

- Meets all Tier 1 specifications required for Tier 1 projects
- 5.5 tonne operating weight ideal for a wide range of residential, landscaping, and civil jobs
- Compact swing radius for excellent manoeuvrability in tight spaces
- Efficient Kubota diesel engine offering strong performance
- Smooth, responsive hydraulic system for precise digging, trenching, and grading
- Durable rubber tracks that minimise ground damage and provide strong traction on a variety of surfaces
- Comfortable operator environment with clear visibility and user-friendly controls



Model No.	Kubota U55-4G
Bucket Breakout Force	Approx. 5130 kgf
Engine Power	Approx. 49.4 hp (36.8
Fuel Type	kW) Diesel
Ground Clearance	Approx. 390 mm
Max Digging Depth	Approx. 3700 mm
Max Reach at Ground	Approx. 6570 mm
Max Travel Speed	Approx. 5.4 km/h
Operating Weight	Approx. 5400 to 5500 kg
Overall Width	Approx. 2200 mm

KUBOTA

Compact Excavator KX080-3 (8 tonne)

The Kubota KX080-3 is a reliable 8 tonne excavator ideal for hire on medium to larger earthmoving and construction projects. Built for strength and stability, it delivers excellent digging power and smooth hydraulic performance, making it well-suited to trenching, site preparation, drainage, foundations and utilities work. Its robust design and operator comfort features help ensure productivity throughout the day, while efficient fuel use and ease of transport add to its appeal for a wide range of civil, landscaping and infrastructure jobs.

FEATURES

- Meets all Tier 1 specifications required for Tier 1 projects
- 8 tonne operating weight ideal for medium earthmoving and construction tasks
- Powerful Kubota engine delivering strong performance
- Smooth, efficient hydraulic system for precise digging and trenching
- Durable rubber tracks that minimise ground damage and provide strong traction on a variety of surfaces
- Spacious, comfortable operator cab with excellent visibility and intuitive controls
- Robust undercarriage for durability on tough job sites



Model No.	Kubota KX080-3
Bucket Breakout Force	Approx. 59.5 kN
Engine Power	Approx. 55.4 kW (74.4 hp)
Fuel Type	Diesel
Ground Clearance	Approx. 395 mm
Max Digging Depth	Approx. 4240 mm
Max Reach at Ground	Approx. 6820 mm
Max Travel Speed	Approx. 5.0 km/h
Operating Weight	Approx. 7800 to 8000 kg
Overall Width	Approx. 2300 mm

MEDIUM EXCAVATORS

KOBELCO Medium Excavator SK135SR-7 (14 tonne)

The Kobelco SK135SR-7 is a robust 14 tonne excavator ideal for hire on medium to large construction, civil and earthmoving projects. With a strong engine and efficient hydraulics it delivers powerful digging, lifting and breakout force, while its short radius design enhances manoeuvrability in tighter job sites. Comfortable operator features and solid stability ensure productive, all-day performance across trenching, site preparation, footings, drainage and general excavation work, making it a dependable choice for a wide range of applications.

FEATURES

- Meets all Tier 1 specifications required for Tier 1 projects
- 14 tonne operating weight ideal for medium to large site works and civil projects
- Short radius tail swing for enhanced manoeuvrability
- Advanced hydraulic system delivering smooth, powerful digging and lifting performance
- Fuel-efficient, low-emission engine
- Spacious, comfortable operator cab with intuitive controls and excellent visibility
- Durable construction and reliable components built to withstand tough job conditions



Model No.	Kobelco SK135SR-7
Bucket Breakout Force	Approx. 120 kN
Engine Power	Approx. 72.5 kW (97 hp)
Fuel Type	Diesel
Ground Clearance	Approx. 400 mm
Max Digging Depth	Approx. 6000 mm
Max Reach at Ground	Approx. 9900 mm
Max Travel Speed	Approx. 5.6 km/h
Operating Weight	Approx. 13900 to 14000 kg
Overall Width	Approx. 2490 mm

KOBELCO Medium Excavator SK225SR-2 (23 tonne)

The Kobelco SK225SR-2 is a powerful 23 tonne excavator built for hire on demanding earthmoving, civil and construction projects. Its robust engine and advanced hydraulic system deliver excellent digging power, smooth control and strong lifting performance, while the short radius design improves manoeuvrability on tighter sites. Comfortable operator features and reliable stability make it productive throughout long shifts, suited to trenching, bulk excavation, site preparation, drainage, foundations and heavy-duty utility work.

FEATURES

- Meets all Tier 1 specifications required for Tier 1 projects
- 23 tonne operating weight for heavy-duty earthmoving and construction tasks
- Short radius tail swing design for excellent manoeuvrability
- High-performance hydraulic system delivering strong digging and lifting power
- Fuel-efficient engine that balances power
- Robust build quality and durability for demanding site conditions
- Comfortable, operator-focused cab with intuitive controls for long shifts



Model No.	Kobelco SK225SR-2
Bucket Breakout Force	Approx. 173 kN
Engine Power	Approx. 118 kW (158 hp)
Fuel Type	Diesel
Ground Clearance	Approx. 470 mm
Max Digging Depth	Approx. 7500 mm
Max Reach at Ground	Approx. 10900 mm
Max Travel Speed	Approx. 5.5 km/h
Operating Weight	Approx. 22400 to 22700 kg
Overall Width	Approx. 2490 mm

TRACKED LOADERS

KUBOTA Compact Tracked Loader SVL75 (75 HP)

The Kubota SVL75 is a compact tracked loader with 75 hp, designed for hire on a wide range of jobs requiring powerful lifting, pushing and loading performance in a nimble, easy-to-maneuver package. Its robust undercarriage and responsive controls deliver smooth, efficient operation across landscaping, site preparation, earthmoving and material handling tasks, even in tight or uneven terrain. Comfortable operator features and excellent traction make it ideal for all-day use, while its versatile implement compatibility and dependable Kubota reliability ensure it tackles everything from loading trucks to grading and site cleanup with confidence.

FEATURES

- Meets all Tier 1 specifications required for Tier 1 projects
- 75 hp engine providing reliable power for digging, lifting, and material handling
- Durable tracked undercarriage for excellent traction and stability on uneven ground
- Compact, agile design ideal for tight job sites and confined spaces
- Responsive hydraulic performance for smooth, precise operation
- Comfortable operator station with intuitive controls and clear visibility
- Versatile attachment compatibility to handle a wide range of tasks



Model No.	Kubota SVL75
Bucket Breakout Force	Approx. 90 kN
Engine Power	75 hp (approx. 56 kW)
Fuel Type	Diesel
Ground Clearance	Approx. 200 mm
Hydraulic flow	Approx. 75 L/min
Operating Weight	Approx. 3500 to 3800 kg
Overall Width	Approx. 1990 mm
Rated Operating	Approx. 1500 kg
Capacity Travel Speed	Approx. 12.5 km/h

KUBOTA Compact Tracked Loader SVL97 (97 HP)

The Kubota SVL97 is a versatile compact tracked loader with 97 hp, engineered for hire on demanding earthmoving, landscaping and site preparation jobs. Offering strong breakout force, smooth responsive controls and excellent traction, it handles heavier loading, grading and material handling tasks with ease while remaining agile in confined spaces. Built for operator comfort and all-day productivity, the SVL97's robust design and implement versatility make it ideal for moving soil, gravel and debris, finishing surfaces and tackling a wide range of civil, construction and agricultural applications.

FEATURES

- Meets all Tier 1 specifications required for Tier 1 projects
- 97 hp powerful engine for strong performance across digging, loading, and material handling
- Robust tracked undercarriage offering excellent traction and stability on varied terrain
- Compact design with tight turning radius for manoeuvrability
- Smooth, responsive hydraulics for precise control
- Comfortable operator environment with easy-to-use controls
- High lift capacity and versatile attachment compatibility for greater jobsite flexibility



Model No.	Kubota SVL97
Bucket Breakout Force	Approx. 125 kN
Engine Power	97 hp (approx. 72 kW)
Fuel Type	Diesel
Ground Clearance	Approx. 200 mm
Hydraulic flow	Approx. 90 L/min
Operating Weight	Approx. 4000 to 4300 kg
Overall Width	Approx. 2150 mm
Rated Operating	Approx. 1800 kg
Capacity Travel Speed	Approx. 12.5 km/h

EXCAVATOR ATTACHMENTS

Augers



The auger range spans five product types covering machines from 1.7 to 45 tonnes, including the S4, S5, S6 and PA series for general earthworks through to major civil and infrastructure projects, plus a purpose built

Hard Rock Auger for extreme drilling conditions. Together, they provide heavy duty drilling solutions designed to handle soil, mixed ground, abrasive terrain and solid rock, with durable construction, efficient spoil removal and adaptable wear parts and extensions to suit a wide variety of on site applications.

Auger Range

- 1.7 – 5 tonne – S4
- 4.5 – 8 tonne – S5
- 8 – 22 tonne – S6
- 17 – 45 tonne – PA
- Hard Rock Auger

Rock Breakers



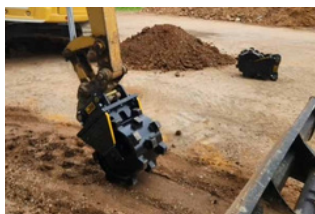
These hydraulic rock breaker attachments are designed to break through hardpan, sub level hard rock and concrete quickly and efficiently.

These high quality hammers are designed with robust steel housings and hardened chisels for durability in demanding conditions and are regularly serviced to ensure maximum productivity and reliable performance.

Rock Breaker Range

- 1 – 1.7 tonne
- 2 – 2.7 tonne
- 3 – 3.5 tonne
- 4 – 4.5 tonne
- 8 – 10 tonne
- 12 – 15 tonne
- 18 – 25 tonne

Compaction Wheels



Premium ground-preparation attachment engineered to quickly and effectively compact soil, gravel and other base materials for a stable finish. The heavy-duty wheels and reinforced frame deliver uniform compaction, reducing rework and improving surface stability on trenches, footings, driveways and landscaping projects.

Compaction Wheel Range

- 4.5 – 5.5 tonne
- 8 – 10 tonne
- 12 – 15 tonne
- 20 – 25 tonne

Hydraulic Grab



The hydraulic grab is a versatile excavator attachment designed for efficient material handling across site clean ups, demolition, landscaping and waste removal. It allows operators to safely pick up, sort and move materials such as rocks, timber, concrete, scrap and green waste with precision and control. Built from high strength steel with reliable hydraulic components, it delivers strong clamping force and smooth operation in demanding conditions.

Hydraulic Grab Range

- 1 – 1.7 tonne
- 2 – 2.7 tonne
- 3 – 3.5 tonne
- 4.5 – 5.5 tonne
- 8 – 10 tonne
- 12 – 15 tonne
- 20 – 25 tonne

Sieve Bucket



The sieve bucket is an efficient excavator attachment designed to sort and separate materials directly on site. Ideal for landscaping, site clean ups, soil preparation and recycling, it allows fine material to pass through while retaining larger debris such as rocks, roots and rubble. Manufactured from heavy duty steel, the sieve bucket boosts productivity by reducing waste, minimising material handling and removing the need for additional screening equipment.

Sieve Bucket Range

- 4.5 – 5.5 tonne
- 8 – 10 tonne
- 12 – 15 tonne
- 20 – 25 tonne

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MELBOURNE

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