

RAPTA

**SMARTER
BY NATURE**



SITE ESTABLISHMENT EQUIPMENT BROCHURE V1

Install fast. Fit first time. Perform predictably.



RAPTA is a family-owned Australian designer and supplier of prefabricated systems and standardised components — built to install fast, fit first time and perform predictably in tough Australian conditions.

Our approach is practical and direct: tough systems, clear standards, and family-owned accountability behind everything we deliver.



INSTALL FAST

Ready-to-go systems with clear specs and methods
— no improvisation required.



FIT FIRST TIME

Standard interfaces and locked specifications
— less fiddling, fewer fixes.



PERFORM PREDICTABLY

Built tough for harsh conditions
— dependable performance when it matters.



AUSTRALIA-WIDE DISTRIBUTION

Wherever the job is.
Backed by real support. No runaround.



Prefabricated site-establishment systems — steps, stairs and ramps, rumble grids, walkway systems, road plates and water/wastewater management — with clear specs, repeatable installs, and gear built for site compounds.

We replace slow, inconsistent setups and generic gear with ready-to-go systems that work consistently. Clear specs. Repeatable installs. Gear that goes in cleanly, fits properly, and holds up when conditions get rough — so teams can get it done and keep moving.

Every system is designed for multi-project reuse — reducing site waste and supporting sustainability targets without adding complexity.

SYSTEMS & SOLUTIONS

Across civil, infrastructure, industrial, mining and energy.



**MODULAR
WALKWAY SYSTEMS**



**STEPS
& RAMPS**



**RUMBLE GRID
& ROAD PLATES**



**WATER SUPPLY
& WASTEWATER**



Put a RAPTA on it!

(03) 7037 1432 | www.rapta.com.au



RAPTA COVER™

 [VIEW ONLINE](#)



MODULAR COVERED WALKWAY SYSTEM.

Get your compound operational from day one. RaptaCover™ is a pre-engineered, modular system that adapts to most compound layouts. Each 6m × 3m module is flat-packed for transport and installs as either a roof-mount cover or raised walkway — keeping crews dry and out of the mud.

- 18 minutes per module install (experienced crew)
- Less waste - Less timber. Fewer labour hours. Lower WHS exposure.
- 432 m2 of covered walkway fits on a single semi-trailer
- Fast, repeatable installs (no improvisation)
- Reusable across projects (reduced waste)

OPTIONS

- Roof mount option

OVERVIEW

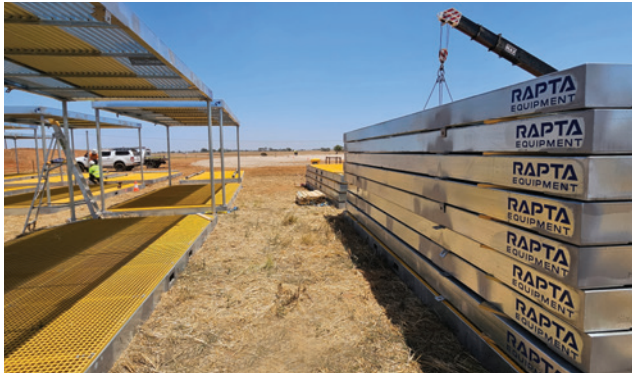
Module Footprint	6000mm L × 3000mm W
Installed Height	2935mm H (with posts)
Weight (Roof-Over + Feet)	260 kg
Weight (Full System)	983 kg (Roof-Over, Walkway, Posts)

AVAILABLE ACCESSORIES

- Flashing kits — Weather sealing for building interfaces
- Infill walls — Create enclosed walkways for weather protection
- Balustrades — Edge protection for elevated sections
- Steel step integration - connect walkway to ground level access
- Tie-down straps
- Concrete block and fixing plate



RAPTA COVER™



Stacks 12 high for ease of transport



Optional double-wide step & balustrade



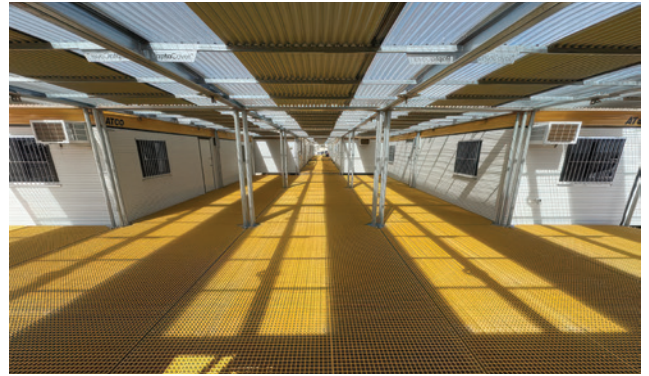
Certified lifting lug



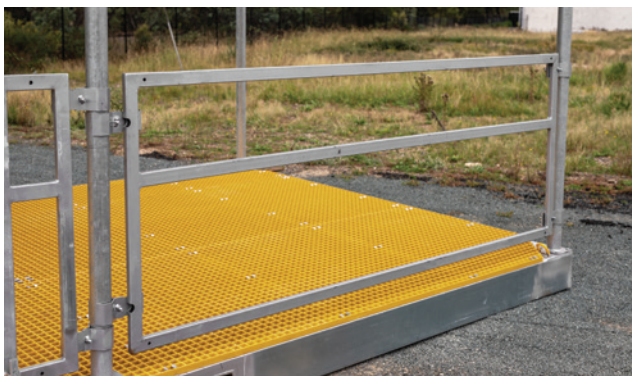
Roof-over



Fits any site shed — brand and style agnostic



Prestart space



Optional balustrades



Optional steel step integration



ALUMINIUM ACCESS STAIRS

[VIEW ONLINE](#)



PURPOSE-BUILT. 5-MINUTE INSTALL. LIFTS OFF A UTE BY HAND.

Most stair kits on the market are adapted from another industry — over-engineered, overpriced, and a hassle to install. We built something better: a purpose-designed modular kit with minimal components, standardised fixings, and a lightweight design that packs down into itself.

- Installs in 5 minutes — single person
- Packs down into itself — easy transport and storage
- Lightweight aluminium — lifts off a ute tray by hand and single-person assembly
- Reusable across projects — buy once, redeploy for years
- Compliant to AS 1657:2018

OVERVIEW

Assembled Size	2516mm L × 1200mm W × 2152mm H
Width between handrails dimension	1040mm
Platform Height	1054mm
Step Dimensions	173mm riser × 250mm going
Weight (Full System)	76kg
Packed Size	1396mm L × 1200mm W × 1040mm H



Lightweight aluminium



Adjustable feet



Packed down kit



HEAVY DUTY STEEL STEPS

 [VIEW ONLINE](#)



STOP BUILDING TIMBER STEPS THAT ROT. BUY ONCE, REDEPLOY FOR YEARS.

Site teams lose hours building temporary timber steps that are inconsistent, weather-prone, and single-use. RAPTA Steel Steps solve this for the long haul — hot-dip galvanised, standardised, and built to outlast the project.

- Installs in 10 minutes — no carpentry, no cutting
- Hot-dip galvanised — built to last 20+ years
- Adjustable feet — level on uneven ground
- Standardised sizes — consistent every time
- Reusable — dozens of projects from one set
- Non-slip FRP stair nosing — Yellow as standard

OPTIONS

- Width: Standard (1120mm) or Double Wide (triple step 2200mm)
- Non-slip FRP Stair Nosing – Black

OVERVIEW

SS10 — Single - 160mm rise	Weight: 12kg	For 160–380mm FFL
SS20 — Double - 2 × 175mm rise	Weight: 18kg	For 330–525mm FFL
SS30 — Triple - 3 × 175mm rise	Weight: 39kg	For 525–690mm FFL



Single



Double



Triple with handrail as standard



STEEL PLATFORM



ONE PLATFORM. FIVE HEIGHTS. NO IMPROVISED LANDINGS.

Give every RAPTA Steel Step configuration a purpose-built, level landing. The prefabricated Steel Platform pairs with the SS10–SS50 range and uses a removable deck with interchangeable leg frames—so one platform can be reconfigured as site needs change.

WHY IT WORKS

- Removable platform top—swap leg frames to suit SS10 through SS50 step heights
- Two handrails included as standard with every platform variant
- High-visibility yellow, non-slip FRP grating surface
- Prefabricated and engineered to fit RAPTA Steel Steps—no site fabrication required
- Hot-dip galvanised frame for corrosion resistance and long service life
- Adjustable feet for a stable, level landing on uneven ground
- Standardised fixing slots for fast, repeatable assembly
- Reusable across projects—buy once, redeploy for years

LEG FRAME OPTIONS

- SS10: 320–400mm FFL
- SS20: 525mm FFL
- SS30: 700mm FFL
- SS40: 875mm FFL
- SS50: 1050mm FFL

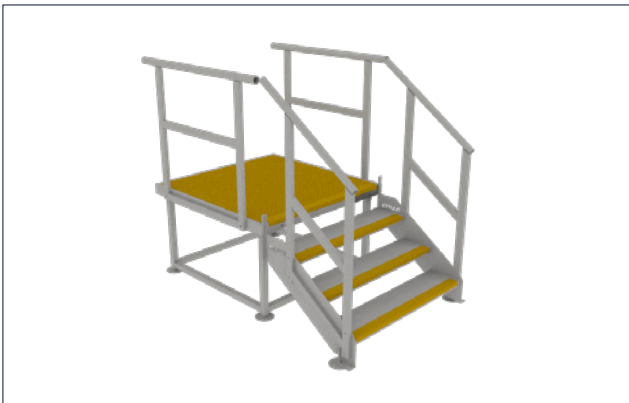
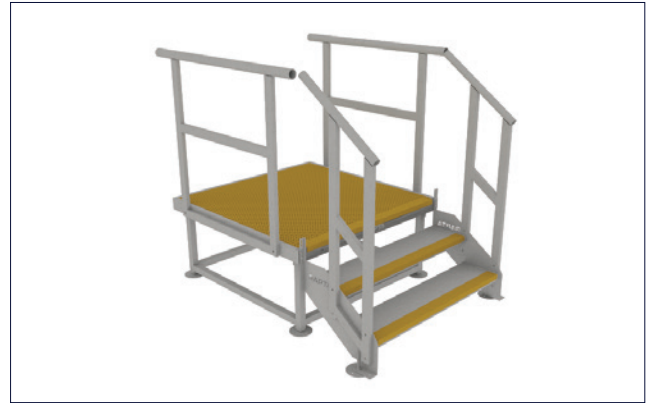
OVERVIEW

Platform Size	1200mm W × 1200mm D
Height Range	320–1050mm, using interchangeable leg frames
Load Rating	8.1 kN/m²
Surface	Yellow non-slip FRP grating
Frame	Hot-dip galvanised steel with adjustable feet
Mounting	Steel Step Adapter Plate with 2 × M12 bolts
Compliance	AS 1657:2018



STEEL PLATFORM

HEAVY DUTY | MODULAR | PREFABRICATED





WATER SUPPLY SKID 5,000L

 [VIEW ONLINE](#)



ARRIVES PRE-PLUMBED. CONNECT POWER. TURN ON. DONE.

Site water, simplified. A complete, engineered solution — tank, pressure pump, level indicator, galvanised frame — ready to connect and operate.

- Pre-plumbed for immediate use — no site plumbing required
- Automatic pressure controller with run-dry protection
- Water level indicator for proactive refilling
- 4 engineered lifting points — relocate with confidence
- Forklift pockets for easy repositioning

OPTIONS

- Puretec UV water treatment
- High-level alarm
- Custom branding and colours available

OVERVIEW - 5,000 L

Total Dimensions	2.3m L × 1.9m W × 2.5m H
Weight (Full System)	500kg empty - Lifting Point Combined
Working Load Limit (WLL)	2.5 tonne



Puretec UV water treatment



Custom branding



Pre-plumbed pump



Certified lifting lug



WATER SUPPLY SKID 10,000L

[VIEW ONLINE](#)



ARRIVES PRE-PLUMBED. CONNECT POWER. TURN ON. DONE.

Site water, simplified. A complete, engineered solution — tank, pressure pump, level indicator, galvanised frame — ready to connect and operate.

- Pre-plumbed for immediate use — no site plumbing required
- Automatic pressure controller with run-dry protection
- Water level indicator for proactive refilling
- 4 engineered lifting points — relocate with confidence
- Forklift pockets for easy repositioning

OPTIONS

- Puretec UV water treatment
- High-level alarm
- Custom branding and colours available

OVERVIEW - 10,000 L

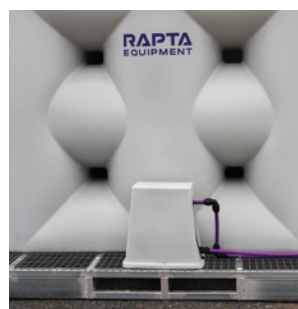
Total Dimensions	3.4m L × 2.3m W × 2.53m H
Weight (Full System)	800kg empty - Lifting Point Combined
Working Load Limit (WLL)	4 tonne



Puretec UV water treatment



Custom branding (5K pictured)



Pre-plumbed pump



Certified lifting lug



CABINPUMP ULTRA

[VIEW ONLINE](#)


NO MORE OVERFLOWS. NO MORE ODOURS. NO MORE PUMP-OUT QUEUES.

CabinPump macerates and pumps wastewater directly to sewer mains or remote bulk storage. No more dealing with overflowing tanks, septic smell in the crib room, and excessive pump-out costs.

- No more pump out trucks on site
- Reduces manual pump-outs and helps prevent tank overflows
- Dual pumps for backup reliability — automatic failover
- Smart SMS alerts for faults and high level
- Standard 15A site power — Plug and play
- Engineered in the UK. Supported and stocked locally by RAPTA.

OPTIONS

- Winter pack (frost protection)
- Remote monitoring upgrade
- Security kit
- CabinPump Protect (emergency replacement — 12-24hr response)

OVERVIEW

Number of People	150
Dimensions (L x H x D)	1,000 x 900 x 600 (mm)
Weight	120kg
Max Pumping Distance	605m
Max Pumping Height	12m
Fork/Strap Lifting Pockets	Yes
Pumping Main Required (OD)*	63mm



CabinPump On Site

CASE STUDIES

📍 AMAZON DC SYDNEY



The CabinPump Ultra was installed to pump all waste from the compound into the holding tanks. This enabled level entry to the toilet buildings, doing away with stairs & platforms and regular sucker truck visits. This has improved safety and significantly reduced costs over the project.

📍 PRIXCAR, VICTORIA



A CabinPump Ultra was installed to remove waste from the temporary toilet facilities on a large, secure logistics yard. Waste was pumped to the sewer mains. This enabled level access to the buildings and eliminated the need for regular pump-out visits.

TESTIMONIAL



"On our construction site, we had a unique problem where we had to pump into an existing sewer rising main. The CabinPump has enabled us to tap into this rising main and pump into the existing infrastructure. As a result, we have been able to reposition our ablution blocks to an ideal location onsite away from our site entrance. We have also avoided the problem of paying and arranging for a weekly sucker truck to remove our site waste." simple plug and play CabinPump system can make your site cleaner, greener and safer.

Contracts Administrator
Stephen Edwards Constructions



STEEL ROAD PLATES

[VIEW ONLINE](#)



Optional yellow anti-slip coating

SECURE IT. DRIVE OVER IT. MOVE IT WHEN YOU'RE DONE.

25mm Australian-made heavy duty steel plates for heavy traffic and harsh conditions.

Anti-slip coating. Patented lifting points for safe removal - no crowbars, no reaching under plates. Reusable for years.



Standard Road Plate pictured

- Standard size: 1200x2400mm
- Standard thickness: 25mm

OPTIONS

- Anti-slip coating (yellow)

ROAD PLATE LIFTER

[VIEW ONLINE](#)



Patented dovetail lifting system reduces reliance on crowbars and reaching under plates — reducing crush and pinch injuries. The receiver welds flush into the plate surface: no trip hazards, plates stack cleanly.

- 5 tonne WLL with 4:1 safety factor
- Lifting tool and the weld in receiver comply with AS 4991



RUMBLE GRID

 [VIEW ONLINE](#)



KEEP MUD ON SITE. STAY COMPLIANT WITH COUNCIL CONDITIONS.

Engineered to shake mud and debris from tyres before vehicles hit public roads.
Australian steel, Zinc Rich coated, built to last.

- Reduces mud tracking onto public roads
- Helps meet council site conditions
- Heavy duty — rated for 18t per axle
- Four 2T lifting points — easy to relocate
- Forklift pockets for repositioning
- Engineered to comply with AS5100.2, AS4100, AS/NZS 1170 series

OPTIONS

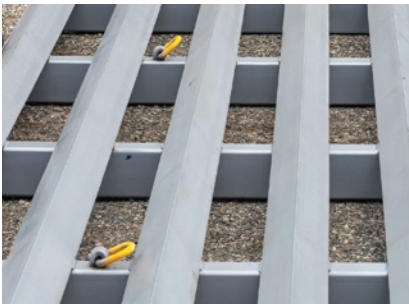
- Heavy duty ramps available for hard-surface installation

OVERVIEW

Size	4000mm × 2000mm × 250mm
Weight	600kg
Load Rating	18 tonne per axle
Lifting Points	4 × 2t WLL



Optional heavy duty ramp



Lifting points



Rumble Grid on site



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