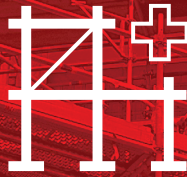




**ALTRAD
GENERATION**
HIRE & SALE



SYSTEM SCAFFOLD



Altrad Generation Hire & Sale

Support for Construction & Industry

Altrad Generation is the UK's leading supplier of: Scaffolding, Temporary Fencing, Light Access, Edge Protection, Safety Decking and Groundworks for hire and sale.

OUR CUSTOMER COMMITMENT IS TO DELIVER:



BEST QUALITY

We work closely with our suppliers to ensure consistent product quality every time. All our products are specified to meet or exceed statutory requirements, verified by our Quality Assurance team.



BEST AVAILABILITY

Our nationwide branch network, transport fleet and stock holding ensure we can supply your equipment needs. What, When and Where you need equipment.



BEST PARTNERSHIP

We can take care of all your equipment needs; supplemented by a full range of engineering, design, specification and business services. Our focus is to work together, supporting the growth of your business.



BEST VALUE

Our global supply chain, purchasing and lean business means we don't pass on unnecessary costs to you. We aim to provide consistently low prices and the best value when you buy or hire from us.

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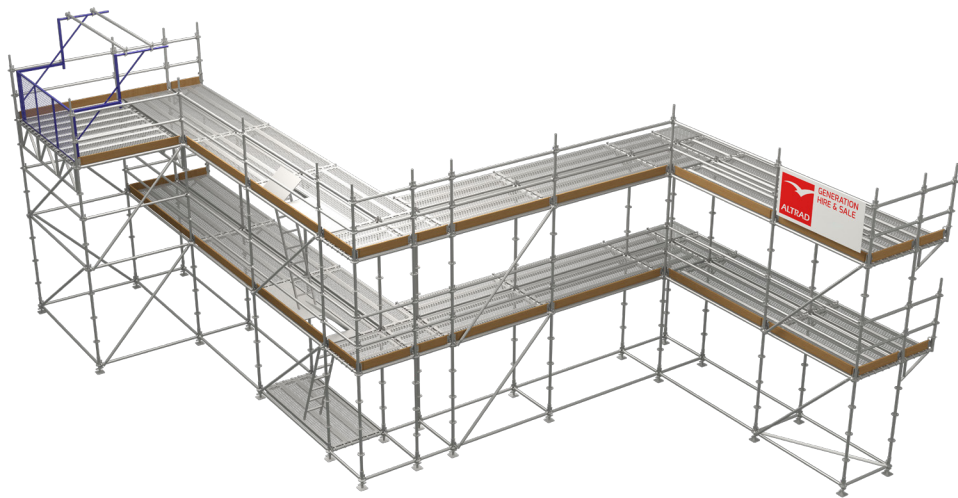
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System Scaffold



Extendable Transom & Bracket

Readylok Transom

Genlok System Scaffold

Genlok System Scaffold Stair Tower

Futuro Ring System Scaffold

UNI-Roof Temporary Roofing System

Estimating Software

Temporary Roof Sheeting

Trax Bracket

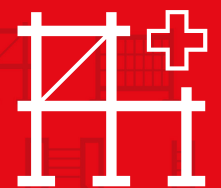
Generation Stair Tower

Ranger™ Stair

Layer



3D Modelling
Software





Extendable Intermediate Transom



A unique solution for the creation of boarded platforms within traditional tube and fitting scaffolds. Altrad Generation Extendable Intermediate Transoms combines three loose components into one easy to assemble item that is suitable for use with traditional tube and fittings, and with Readylok transoms.

Extendable Intermediate Transoms are suitable for the following scaffold types:

- Facade Access
- Inspection
- Lightweight & Medium
- Heavy Duty Scaffolds
- 1, 2, 3 inside boards loaded
- 4 or 5 board wide scaffolds

Code	Description	Weight
278326	Extendable Intermediate Transom 866mm (4+3)	9.00kg
278328	Extendable Intermediate Transom 1098mm (5+3)	9.90kg
278334	Extendable Transom 1.3m (5+3) Genlok with Stub	9.90kg
278336	Extendable Tube Transom (5+3)	8.60kg

Extendable Hop-Up Bracket



Altrad Generation Extendable Hop Bracket complements tube and fittings and Readylok Transoms. The bracket allows a two or three inside intermediate board platform to be constructed, also allowing the benefits of the speed of adaptation of the intermediate inside platform thus saving labour.

2 + 1 Extendable Hop-Up Bracket

Code	Description	Weight
278337	Extendable Hop-Up Bracket	6.55kg



Readylok Transom Unit



Altrad Generation Readylok Transom units will, at low cost immediately convert your stock of tube and fittings into an easily and speedily erected system scaffold, whilst maintaining TG20 compliant. The use of these pre-coupled units dramatically eliminates the need for loose fittings. In use they will considerably speed erection times reducing labour cost and site losses.



Simplifies erection and striking

Cuts labour costs

Uses existing stocks of tube and fittings

Reduces site losses



Altrad Generation Readylok Transoms are made to predetermined sizes, fully plated, with preset vertical and horizontal couplers to enable standards and ledgers to be perfectly positioned. This saves a considerable time in measuring and setting out. The result is a fast and fool proof system with its own, high, built in safety factor.

The Readylok Transom units are available for hire and sale in 5 board units, and available in 4 and 3 boards sizes.

Now included in TG20

Code	Description	Weight
046531	3 Board Readylok Transom	8.32kg
046536	4 Board Readylok Transom	8.66kg
046515	5 Board Readylok Transom	9.00kg

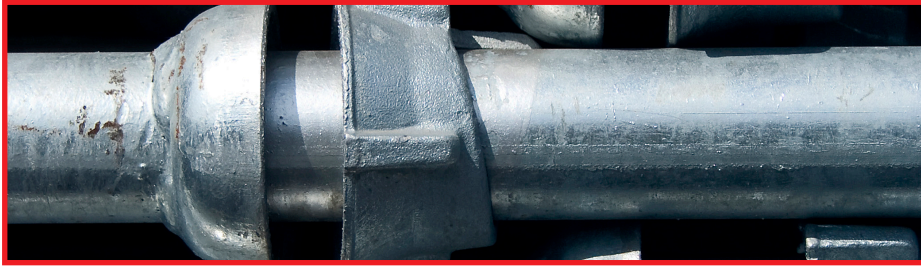
Readylok supplied by Generation UK Ltd has been audited by the NASC and has met the criteria to satisfy the NASC Code of Practice for proprietary System Scaffold Systems.

Readylok has been independently tested and has met or exceeded the criteria for Quality, Technical Specification and Compliance to BS EN 12811-1:2003 TG20 and EN 1991-1-4:2005.





Genlok System Scaffold

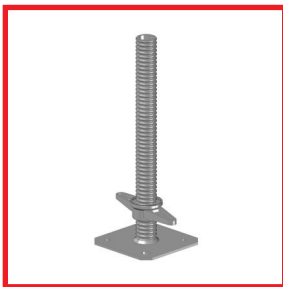


Genlok is a safe and efficient system. It has a fast acting node point, a single hammer blow allows up to 4 components to be fastened at once. A full range is available to enable the system to be used with regular scaffold boards and steelstage battens in all configurations including: facade scaffolds, loading bays, staircase towers, circular structures and birdcages.

Genlok is fully tested and conforms in accordance with BS EN 12811-1 (Pt 1), BS EN 12811-2 (Pt 2) and BS EN 12811-3 (Pt 3) temporary works equipment scaffolds.

Genlok in the Oil, Gas and Industrial Market

Altrad Generation has developed and introduced a number of specific products for use in pipe racks, modules and around fractionation columns that improve the flexibility and suitability of using their Genlok System Scaffold. These products deliver significant benefits over the traditional method of working, reducing the number of components used and limiting the possibility of dropped items whilst working.



6 Ton Adjustable Base

Code	Description	Weight
207005	6 Ton Adjustable Base	4.70kg
207200	Swivel Base Jack	4.30kg



Genlok Standards

Code	Description	Length	Weight
227303	Standard 1.0m	1000mm	5.80kg
227302	Standard 2.0m	2000mm	11.20kg
227301	Standard 3.0m	3000mm	16.50kg



Genlok System Scaffold



Horizontal Ledgers

Code	Description	Length	Weight
227328	Horizontal Ledger 0.6m	600mm	2.75kg
227330	Horizontal Ledger 0.8m	800mm	3.25kg
227332	Horizontal Ledger 0.9m	900mm	3.35kg
227306	Horizontal Ledger 1.3m	1300mm	4.90kg
227305	Horizontal Ledger 1.8m	1800mm	7.00kg
227304	Horizontal Ledger 2.5m	2500mm	9.50kg
227406	Horizontal Ledger 3.0m	3000mm	11.50kg



Swivel Face Brace

Code	Description	Bay Dimensions	Weight
227309	Swivel Face Brace	2500mm x 2000mm	11.50kg
227310	Swivel Face Brace	2500mm x 1500mm	10.70kg
227311	Swivel Face Brace	1800mm x 2000mm	9.80kg
227342	Swivel Face Brace	1800mm x 1500mm	8.70kg



Omega Transom

Code	Description	Length	Weight
227349	OMEGA Transom	800mm	3.90kg
227348	OMEGA Transom	900mm	5.00kg
227346	OMEGA Transom	1300mm	7.20kg
227344	OMEGA Transom	1800mm	10.00kg

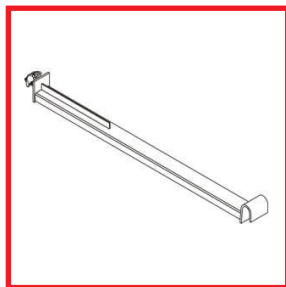


Omega HD Transom 2.5m

Code	Description	Length	Weight
227347	OMEGA HD Transom 2.5m	2500mm	24.80kg



Genlok System Scaffold



Omega Ladder Access Transom

Code	Description	Weight
227333	OMEGA Ladder Access Transom	9.30kg



Omega Return Transom

Code	Description	Weight
227366	OMEGA Return Transom	13.00kg



Omega Steel Stage (Wide)

Code	Description	Length	Weight
227506	Steel Stage - 238mm x 57mm	600mm	4.33kg
227509	Steel Stage - 238mm x 57mm	900mm	6.50kg
227513	Steel Stage - 238mm x 57mm	1300mm	6.70kg
227518	Steel Stage - 238mm x 57mm	1800mm	9.10kg
227525	Steel Stage - 238mm x 57mm	2500mm	12.40kg



Timber Batten - Sale Only

Code	Description	Length	Weight
227317	1.3m Timber Batten	1300mm	9.50kg
227363	1.8m Timber Batten	1800mm	13.00kg
227364	2.5m Timber Batten	2500mm	18.00kg



Genlok System Scaffold



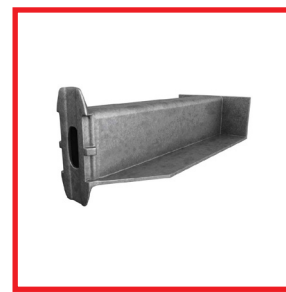
Galvanised Steel Stage - Sale Only

Code	Description	Length	Weight
227386	Steel Stage - 225mm x 63mm	1300mm	6.70kg
227328	Steel Stage - 225mm x 63mm	1800mm	9.10kg
227381	Steel Stage - 225mm x 63mm	2500mm	12.40kg



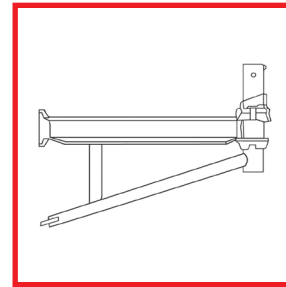
Omega Steel Batten Toeboard Clip

Code	Description	Weight
227312	OMEGA Steel Batten Toeboard Clip	1.00kg



Omega One Board Support

Code	Description	Weight
227365	OMEGA One Board Support	1.50kg



Omega Stage Brackets

Code	Description	Length
227358	OMEGA 2 Board Stage Brackets	6.60kg
227359	OMEGA 3 Board Stage Brackets	7.60kg



Genlok System Scaffold



Hop-Up Bracket

Code	Description	Length
227317	2 Board Hop-Up Bracket	6.30kg
227319	2 Board Hop-Up Bracket	7.70kg



Omega Mesh Corner Filler

Code	Description	Length
227415	2 Board OMEGA Mesh Corner Filler	9.00kg
227360	3 Board OMEGA Mesh Corner Filler	12.50kg



Intermediate Transom

Code	Description	Width	Weight
227322	Intermediate Transom	565mm	3.70kg
227323	Intermediate Transom	795mm	5.00kg
227307	Intermediate Transom	1300mm	5.50kg
227380	Intermediate Transom	1800mm	7.30kg



Intermediate HD Transom

Code	Description	Width	Weight
227382	Intermediate HD Transom	2500mm	16.50kg

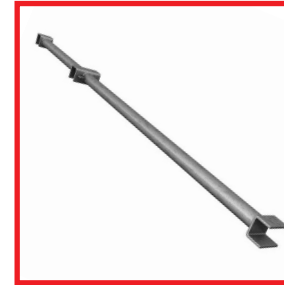


Genlok System Scaffold



1 Board Inside Board Transom

Code	Description	Length	Weight
227320	1 Board Inside Board Transom	-	9.00kg



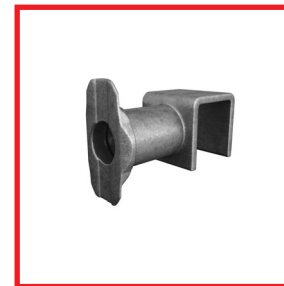
2 Board Inside Board Transom

Code	Description	Length	Weight
227324	2 Board Inside Board Transom	-	11.50kg



One Board Support

Code	Description	Weight
227354	One Board Support	1.50kg



Return Device

Code	Description	Weight
227353	Return Device	1.50kg



Genlok System Scaffold



Swan Neck Standard 2m

Code	Description	Length	Weight
227426	Swan Neck Standard	2000mm	7.20kg



Return End Blade

Code	Description	Weight
227295	Return End Blade	0.15kg



Deck Adaptor

Code	Description	Length
228300	Deck Adaptor	1.30kg



Handrail Post

Code	Description	Length	Weight
227329	Handrail Post	1000mm	4.90kg



Genlok System Scaffold



8" Internal Spigot Rubber Castor

Code	Description	Weight
227396	8" Internal Spigot Rubber Castor	4.70kg



Genlok Workouts - Avontus Also Available

SMART Scaffolder enables us to create easy 3D modelling, drawings, bills of material and quotations, making scaffold design faster and easier.*
Call your nearest branch on **0800 779 7113**

Genlok System Scaffold supplied by Generation UK Ltd has been audited by the NASC and has met the criteria to satisfy the NASC Code of Practice for proprietary System Scaffold Systems.

Genlok System Scaffold has been independently tested and has met or exceeded the criteria for Quality, Technical Specification and Compliance to BS EN 12810 and BS EN 12811.





Genlok System Scaffold - Stair Tower

Genlok System Scaffolding can be used to provide a safe, stable, site staircase enabling personnel to gain access to the working level swiftly and efficiently. Independently to other scaffolds or integral to Genlok facade scaffolds, towers can be erected with full access landings, double handrails and non-slip stair units in either steel or aluminium.

The use of Genlok Staircases on site improves safety, replacing ladders and allows multiple numbers of personnel to climb safely to their work place at one time. The most popular are a four-leg tower with a foot print of 1.8m x 3.0m and an eight leg tower with a foot print of 1.8m x 4.4m providing a full width landing at each level.

Stair units come in 1.5m and 2.0m units. 1.5m can be used where access is required to a base lift of 1.5m. Further lifts will rise at 2m increments.



Aluminium Stair Unit

Code	Description	Weight
227412	Aluminium Stair Unit 1.5m	21.80kg
227413	Aluminium Stair Unit 2.0m	24.90kg



Genlok System Scaffold - Stair Tower



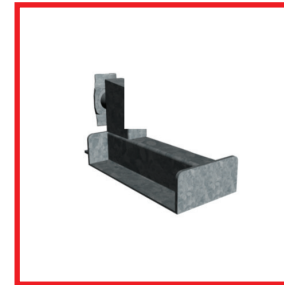
Steel Staircase Unit

Code	Description	Weight
227376	Steel Staircase Unit 1.5m	50.00kg
227375	Steel Staircase Unit 2.0m	65.00kg



8 Leg Staircase Guardrail Post c/w fitting

Code	Description	Weight
227377	8 Leg Staircase Guardrail Post c/w fitting	7.20kg

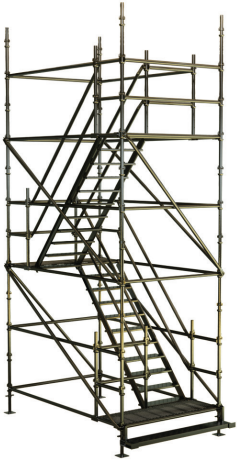


Staircase Step Bracket

Code	Description	Weight
227425	Staircase Step Bracket	3.45kg



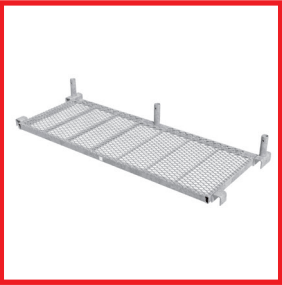
Genlok System Scaffold - Stair Tower



4-Leg Staircases

The Genlok 4-Leg Staircase provides a compact solution with a base size of 1.8m x 3.0m, ideal for use in confined spaces.

Using fewer components it is easy and fast to erect. Additional components comprise of a Handrail Post, 0.6m, 0.9m and 3.0m Ledgers and Mesh Deck landing.



MeshDeck (4 Leg)

Code	Description	Weight
227526	MeshDeck (4 Leg)	31.00kg



Handrail Post

Code	Description	Weight
227329	Handrail Post	4.90kg



Genlok System Scaffold - Stair Tower

Loading Platforms



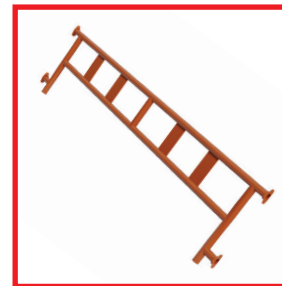
Genlok can be used to create Loading Towers for the purpose of distribution of pallets of materials to the working level by site forklift or loader.

The loading bay tower is built progressively with the working lifts matching that of the facade scaffold.



Genlok Loading Bay Gate

Code	Description	Weight
227600	Genlok Loading Bay Gate	20.00kg



Loading Bay Beam

Code	Description	Weight
227414	Loading Bay Beam	32.00kg



Genlok System Scaffold - Stair Tower



Loading Tower Board Bearer 2.5m

Used with scaffold boards.

Code	Description	Weight
227355	Loading Tower Board Bearer 2.5m	17.30kg



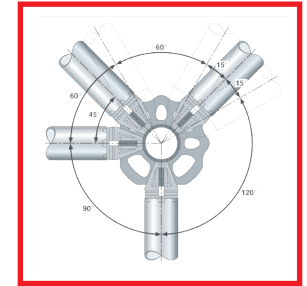
Loading Tower Batten Bearer 2.5m

Used with Timber Battens or Steelstage.

Code	Description	Weight
227356	Loading Tower Batten Bearer 2.5m	17.30kg



Futuro Ring System Scaffold



The Altrad group have been manufacturing the Futuro Ring System for over 20 years, with German engineering to the highest standards this hot dipped galvanised system meets with European standards EN12810 and EN12811-1.

Audited by the NASC, Futuro meets or exceeds the criteria to satisfy the code of practice for proprietary system scaffolds within the UK. Futuro is the ideal choice for domestic/ commercial / industrial and civil applications.

Due to the eight available connection points per optimised disc, the flexibility of this system with its in-built loading class capability and high point loading capacities makes Futuro capable of dealing with all aspects of the construction and infrastructure markets.

Utilising the galvanised steel perforated decks along with drop forged claws and integrated deck retainers the Futuro Ring System offers a range of up to eight bay lengths, this enables maximum accuracy on virtually any project.

Along with a possible saving of up to 40% on erection time against traditional tube and fitting and significant reduction in the manual handling of quantities and weights, the tubular support system benefits from using various components for multiple tasks giving a further reduction in components required on site.

Please Note:

Altrad Futuro Ring System (Tubular Support) is available for hire & sale within the UK.

Altrad Futuro U-System (U Support) is available on a sale only basis.

Please contact your nearest Altrad Generation branch for further information and availability.



Futuro Workouts - Avontus Also Available

SMART Scaffolder enables us to create easy 3D modelling, drawings, bills of material and quotations, making scaffold design faster and easier.*

Call your nearest branch on **0800 779 7113**

Futuro Ring System Scaffold supplied by Generation UK Ltd has been audited by the NASC and has met the criteria to satisfy the NASC Code of Practice for proprietary System Scaffold Systems.

Futuro Ring System Scaffold has been independently tested and has met or exceeded the criteria for Quality, Technical Specification and Compliance to BS EN 12810 and BS EN 12811.





Futuro Ring System Scaffold

Over 60% Quicker to Erect

Advanced technology; self-securing assembly eliminates the need for bolting; automatic right angles and few basic components make the erection of Futuro over 60% quicker than traditional tube and fittings. The system scaffold creates a simple, logical assembly sequence and permits the use of semi-skilled workers. By levelling the base lift you will not be required to level any further lifts. When compared to tube and fitting, whereby every time a component is added the scaffolder has to level a further 6 times. Futuro allows the same labour to erect up to 2.5 times more projects.

Over 28% Lighter

The reduction in material weight in comparison to tube and fittings allows for faster assembly and less fatigue.

100% Versatile

A few basic components - standard, ledger diagonal brace and deck - form the basis for limitless use. Altrad Generation also stock an extensive range of Futuro components to cater for a scaffolders every use.

100% Flexible

The use of the small connection gaps for connecting horizontals allows a 90° angle to be created between them. The larger gaps allow angles between 30° and 60° allowing practically any angle to be set and shape around any construction, even in areas where access is restricted.

60% Less Losses

Hot-dipped galvanised steel components and the flat shape of the connection plate means no mortar, dirt, ice, grit, blasting debris etc. can accumulate ultimately allowing for a maintenance free operation.

Simpler Storage

As well as the advantages during assembly and its high reserves of safety, the shape of the socket plates also has storage benefits. The stacked volume of the standards is about 5% smaller than other ring scaffolds and has a higher resistance to plates rolling away therefore, reducing the number of losses and potential accidents.

Quality and Safety

High quality standards characterise the whole modular system. In-house inspection, third party supervision and the requirements of DIN EN ISO 9001, latest standard, guarantee best performance. The relevant regulations and generally recognised codes of practice must always be observed. In particular:

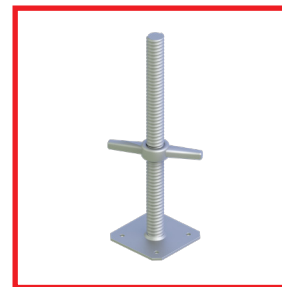
The British approval
BS EN12810 and BS EN12811-1
Industrial safety regulations as well as further regulations

One System - Two Approvals

Futuro is the innovative modular scaffolding system with two approvals from the German Institut für Bautechnik, Berlin. The approval Z-8.22-841 commits the erection of the exclusive modular scaffold Futuro; the approval Z-8.22.855 regulates the erection with elements approved by Z-8.22-64. Futuro is approved in several European countries and meets all requirements of BS EN 12810.



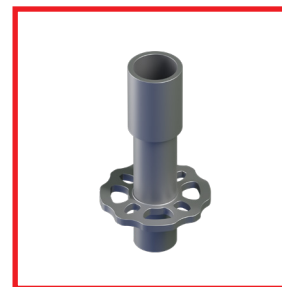
Futuro Ring System Scaffold



6 Ton Adjustable Base Jacks

Used at the base of the scaffolding for the levelling of the kicker lift in conjunction with the starting collar.

Code	Description	Weight
207005	6 Ton Base Jack	4.70kg
207200	6 Ton Swivel Base Jack	4.30kg



230mm Starting Collar

Used for the ease of basing out a scaffolding once placed onto the jack, this item can also be used in conjunction with twin headed hop up brackets for standard location points amongst other uses.

Code	Description	Weight
591007	230mm Starting Collar	1.60kg



Vertical Standard with fixed spigot

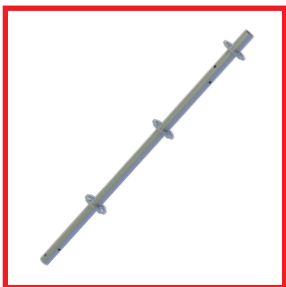
48.3mm x 3.2mm galvanised steel tube with 8 hole connecting discs at 0.5m centres along the total length. The small openings on the connecting disc are predominantly used for ledgers & transom locations with the larger openings being used for splayed scaffolding and vertical braces.

Standards with the option of a bolted spigot are also available upon request.

Code	Description	Weight
591000	0.5m Standard (1 x Disc)	3.20kg
591001	1.0m Standard (2 x Disc)	5.40kg
591002	1.5m Standard (3 x Disc)	7.70kg
591003	2.0m Standard (4 x Disc)	9.90kg
591005	3.0m Standard (6 x Disc)	14.40kg
591006	4.0m Standard (8 x Disc)	18.80kg



Futuro Ring System Scaffold



Vertical Open-Ended Standard

48.3mm x 3.2mm galvanised steel tube with 8 hole connecting discs at 0.5m centres along the total length.

The small openings on the connecting disc are predominantly used for ledgers & transom locations with the larger openings being used for splayed scaffolding and vertical braces.

Code	Description	Weight
591021	0.5m Open Ended Standard (1 x Disc)	2.20kg
591022	1.0m Open Ended Standard (2 x Disc)	4.50kg
591023	1.5m Open Ended standard (3 x Disc)	6.70kg
591024	2.0m Open Ended standard (4 x Disc)	8.90kg
591025	2.5m Open Ended standard (5 x Disc)	11.20kg
591026	3.0m Open Ended Standard (6 x Disc)	13.40kg



O Ledger / Transom

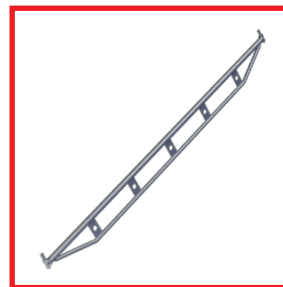
48.3mm x 3.2mm galvanised steel tube manufactured in a series of lengths from 0.15m - 3.07m, this component is used as a ledger / transom & guardrail.

Lengths up to 1.40m are used as deck supporting transoms due to the tubular nature of the Futuro 'O' system.

Code	Description	Weight
595148	0.15m Ledger / Double Wedge Head	1.10kg
591439	0.39m Ledger / Guardrail	1.80kg
591030	0.42m Ledger / Transom	2.00kg
591031	0.73m Ledger / Transom	3.00kg
591033	1.09m Ledger / Transom	4.10kg
591035	1.40m Ledger / Transom	5.40kg
591037	1.57m Ledger / Transom	5.60kg
591038	2.07m Ledger	7.20kg
591039	2.57m Ledger	8.80kg
591040	3.07m Ledger	10.30kg



Futuro Ring System Scaffold



Double Ledger / Transom (DBL) 210mm Height

This component is used when greater loadings are required or when system decks are to be supported over longer spans. Ideally used when erecting crash decks or creating cantilevered scaffolds.

Code	Description	Weight
591050	1.40m Double Ledger	8.90kg
591043	1.57m Double Ledger	9.90kg
591045	2.07m Double Ledger	13.10kg
591046	2.57m Double Ledger	16.20kg
591047	3.07m Double Ledger	19.40kg



Double Ledger / Transom (DBL) 105mm Height

With a reduced height giving greater head clearance this component is used when greater loadings are required or when system decks are to be supported over longer spans. Ideally used when erecting crash decks or creating cantilevered scaffolds.

Code	Description	Weight
595195	1.40m Double Ledger	9.20kg
595196	2.07m Double Ledger	13.70kg
595197	2.57m Double Ledger	17.20kg



Futuro Ring System Scaffold

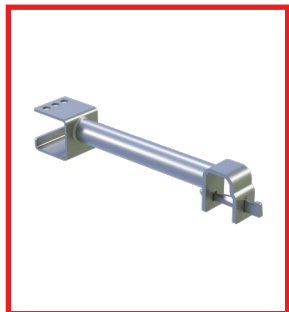


Ledger to Ledger Intermediate Transom

The intermediate transom enables the splitting of a bay in order to create an opening between decked platforms, this component locates over the ledgers between each set of standards.

This item is also used for the supporting of Timber scaffolding boards when system decks are not used.

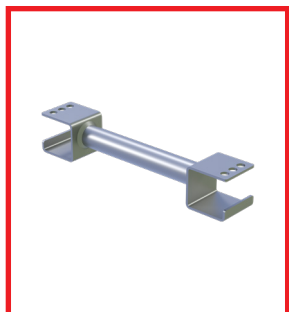
Code	Description	Weight
591049	1.09m Intermediate Transom	5.10kg
591415	1.40m Intermediate Transom	6.20kg
591051	1.57m Intermediate Transom	6.80kg
591559	2.07m Intermediate Transom	10.30kg
591416	2.57m Intermediate Transom	12.50kg
591560	3.07m Intermediate Transom	15.00kg



Ledger to Deck Intermediate Transom

The ledger to deck transom allows for the creation of an opening to the side of a decked platform with one side connecting over the scaffolding ledger and the other side being connected to a steel deck. This item is often used when creating an opening for traditional ladder points through decked platforms.

Code	Description	Weight
591531	1 Deck Support Ledger to Deck Transom	2.70kg
591532	2 Deck Support Ledger to Deck Transom	3.80kg
591533	3 Deck Support Ledger to Deck Transom	5.00kg



Deck to Deck Intermediate Transom

The deck to deck transom allows for the creation of an opening in the middle of a decked platform with both ends of the transom being connected to a steel deck. Ideally used for creating openings in decked platforms for pipe work and construction support beams.

Code	Description	Weight
591535	1 Deck Support Deck to Deck Transom	2.30kg
591536	2 Deck Support Deck to Deck Transom	3.40kg
591537	3 Deck Support Deck to Deck Transom	4.50kg



Futuro Ring System Scaffold



Vertical Brace

48.3mm x 2.7mm galvanised steel tube with a swivel wedge fitting to either end, sometimes referred to as a face brace. Available to fit all bay lengths with up to 4 different height sizes.

Designed to reinforce a scaffolding structure vertically, this item can also be used for supporting scaffolding fans and the erection of cantilevered scaffolds.

Code	Description	Weight
591090	0.5m H x 2.07m L Vertical Brace	7.80kg
591089	1.0m H x 1.09m L Vertical Brace	6.00kg
591550	1.0m H x 1.40m L Vertical Brace	6.80kg
591084	1.0m H x 1.57m L Vertical Brace	7.10kg
591085	1.0m H x 2.07m L Vertical Brace	8.40kg
591086	1.0m H x 2.57m L Vertical Brace	9.80kg
591087	1.0m H x 3.07m L Vertical Brace	11.20kg
591078	1.5m H x 1.57m L Vertical Brace	8.10kg
591079	1.5m H x 2.07m L Vertical Brace	9.20kg
591080	1.5m H x 2.57m L Vertical Brace	10.50kg
591081	1.5m H x 3.07m L Vertical Brace	11.80kg
591071	2.0m H x 0.73m L Vertical Brace	8.20kg
591072	2.0m H x 1.09m L Vertical Brace	8.50kg
591073	2.0m H x 1.40m L Vertical Brace	9.00kg
591074	2.0m H x 1.57m L Vertical Brace	9.30kg
591075	2.0m H x 2.07m L Vertical Brace	10.30kg
591076	2.0m H x 2.57m L Vertical Brace	11.40kg
591077	2.0m H x 3.07m L Vertical Brace	12.60kg



Futuro Ring System Scaffold



Horizontal Brace (Non-Square Bay with Angled Wedge Head)

48.3mm x 3.2mm galvanised steel tube with fixed angled wedge heads to either end, used to create rigidity in the horizontal plane when decks are not required.

Also used for the basing out as this item aligns the scaffolding structure at right angles so that the bays are square, often referred to in the UK as a plan brace.

Code	Description	Weight
591096	2.57m x 1.09m Horizontal Brace	9.60kg
591100	3.07m x 1.09m Horizontal Brace	11.10kg
591540	3.07m x 1.40m Horizontal Brace	11.40kg



Plan Brace (Square Bay with Std in-Line Wedge Head)

48.3mm x 3.2mm Galvanised Steel Tube with fixed wedge heads to either end, used to create rigidity in the horizontal plane when decks are not required.

Also used for the basing out as this item aligns the scaffolding structure at right angles so that the bays are square.

Code	Description	Weight
591106	2.57m x 2.57m Plan Brace	12.20kg



Futuro Ring System Scaffold



320mm O System Ledger Deck (Standard Deck)

A high load bearing steel perforated deck, fully galvanised with drop forged connecting claws to fit 48.3mm diameter scaffolding tube. Integrated anti-lift & anti-tilt devices with a minimum 5kN/m² working load capacity.

Code	Description	Weight
591107	0.73m x 320mm Steel Deck (class 6)	7.20kg
591108	1.09m x 320mm Steel Deck (class 6)	9.30kg
591109	1.40m x 320mm Steel Deck (class 6)	11.20kg
591110	1.57m x 320mm Steel Deck (class 6)	12.30kg
591111	2.07m x 320mm Steel Deck (class 6)	15.30kg
591112	2.57m x 320mm Steel Deck (class 5)	18.30kg
591113	3.07m x 320mm Steel Deck (class 4)	21.30kg



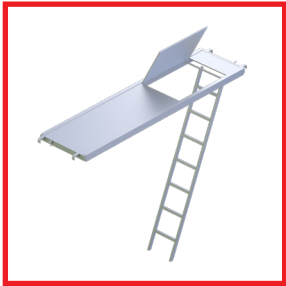
190mm O System Ledger Deck (Skinny Deck)

A high load bearing steel perforated deck, fully galvanised with drop forged connecting claws to fit 48.3mm diameter scaffolding tube. Integrated anti-lift & anti-tilt devices with a minimum 5kN/m² working load capacity.

Code	Description	Weight
591186	0.73m x 190mm Steel Deck (class 6)	4.80kg
591114	1.09m x 190mm Steel Deck (class 6)	7.30kg
591139	1.40m x 190mm Steel Deck (class 6)	8.70kg
591115	1.57m x 190mm Steel Deck (class 6)	9.50kg
591116	2.07m x 190mm Steel Deck (class 6)	11.70kg
591117	2.57m x 190mm Steel Deck (class 5)	14.10kg
591118	3.07m x 190mm Steel Deck (class 4)	16.40kg



Futuro Ring System Scaffold



Alloy Ladder Deck

Full aluminium frame & deck with drop forged connecting claws to fit 48.3mm diameter scaffolding tube, complete with fully integrated drop-down ladder, 640mm wide platform will replace 2 x 320mm Steel decks.

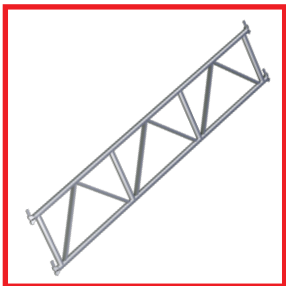
Code	Description	Weight
591119	2.57m x 640mm Alloy Ladder Deck	29.60kg
591120	3.07m x 640mm Alloy Ladder Deck	33.30kg



Corner Infill Deck

A galvanised steel deck that works in conjunction with the Hop-Up Bracket at a 90° internal or external corner.

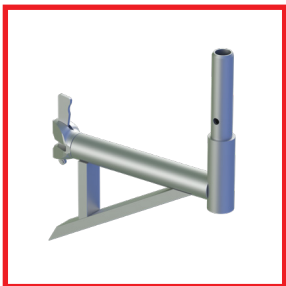
Code	Description	Weight
591351	1 Board Corner Infill Deck	5.70kg
591352	2 Board Corner Infill Deck	12.30kg



O System 4 Wedge Head Steel Lattice Beam

Used for bridging clear spans of up to 6.14m between two sets of standards. Commonly used on system loading bays or when cantilevering out from buildings.

Code	Description	Weight
591571	2.57m x 0.5m Steel Lattice Beam 4 HD	29.70kg
595150	3.07m x 0.5m Steel Lattice Beam 4 HD	37.10kg
595135	4.14m x 0.5m Steel Lattice Beam 4 HD	49.20kg
595153	6.14m x 0.5m Steel Lattice Beam 4 HD	69.10kg



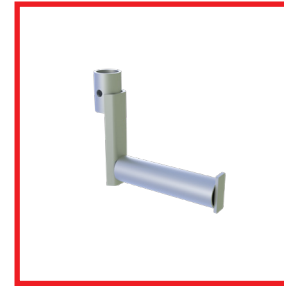
0.39m & 0.73m Hop Up Bracket with Spigot

Used to extend the depth of a scaffold by 1 x 320mm deck / 2 x 320mm deck. If required the spigot will then allow for the fitting of a 1m standard with 2 x 0.39m / 0.73m guardrails.

Code	Description	Weight
591179	0.39m Hop Up Bracket with Spigot	3.90kg
591420	0.73m Hop Up Bracket with Spigot	5.90kg



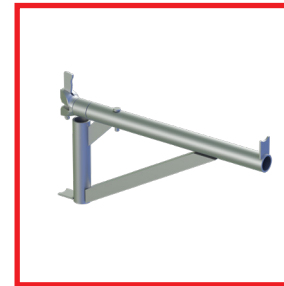
Futuro Ring System Scaffold



Hop Up Extension Bracket (190mm)

Used in conjunction with the 0.39m / 0.73m hop up bracket with spigot. The bracket slots down over the hop up bracket spigot allowing for a 190mm deck extension to be added.

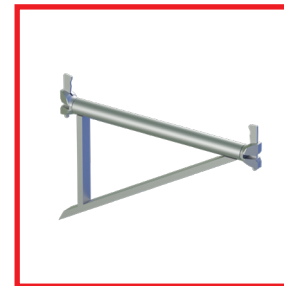
Code	Description	Weight
591177	190mm Hop Up Extension Bracket	0.85kg



Variable Hop Up Bracket (1 & 2 Deck)

Used to extend the depth of a scaffold, the variable hop-up bracket can be used as a 1 x 320mm deck or a 2 x 320mm deck support. By removing the wedge head and re-inserting in the opposite direction the bracket can very easily be adapted to do the job of two separate components.

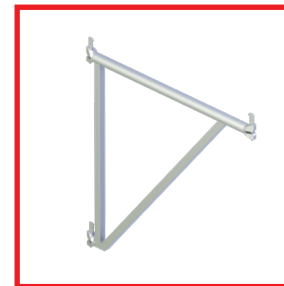
Code	Description	Weight
591182	Variable Hop Up Bracket 1 & 2 Deck	5.60kg



0.73m Double Wedge Head Hop Up Bracket

Used to extend the depth of a scaffold by 2 x 320mm decks, due to having a double wedge head this item can also be used as a ledger / transom or an alloy stair flight support.

Code	Description	Weight
591181	0.73m Hop Up Bracket 2 HD	4.90kg



1.09m Cantilever Bracket

Used to extend the depth or length of a scaffold by 3 x 320mm decks, with 3 wedge heads this bracket is attached to the standards at two points with the third wedge head allowing for starting collars or vertical standards to be attached.

Code	Description	Weight
591180	1.09m Cantilever Bracket with 3 HD	9.70kg



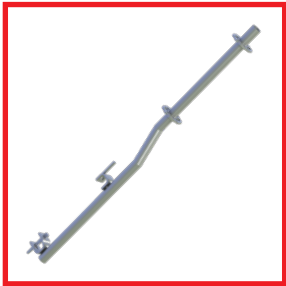
Futuro Ring System Scaffold



Timber Toe Board

150mm high Timber Toe Board with galvanised steel fixing plates to either end.

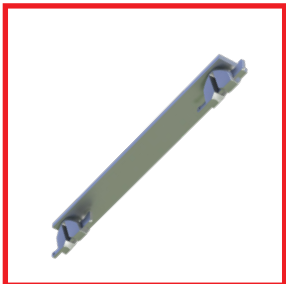
Code	Description	Weight
591149	0.42m x 150mm Timber Toe Board	0.90kg
591150	0.73m x 150mm Timber Toe Board	1.60kg
591151	1.09m x 150mm Timber Toe Board	2.30kg
591152	1.40m x 150mm Timber Toe Board	2.80kg
591153	1.57m x 150mm Timber Toe Board	3.10kg
591154	2.07m x 150mm Timber Toe Board	4.10kg
591155	2.57m x 150mm Timber Toe Board	5.00kg
591156	3.07m x 150mm Timber Toe Board	5.90kg



Guardrail Post Off-Set

Used to create access points mid bay, a second ledger must be installed below the decked lift so that the post can be attached at two points. This will enable the fitting of double guardrails and a ladder safety gate.

Code	Description	Weight
591167	Guardrail Post / Ladder Gate Post Off-set	8.10kg



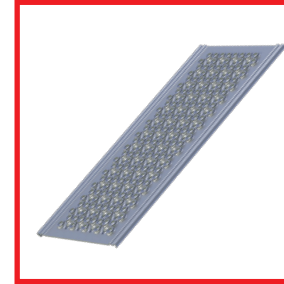
Suspended Scaffold Connector

The Suspended Scaffold Connector is designed for bridging the connection of two standards, always used in pairs this component is ideally used when a scaffolding structure is to be suspended or craned into position. This fitting creates a positive connection to the discs either side of the joint in order to combat the tension that will be placed upon it.

Code	Description	Weight
591029	Scaffold Connector 500mm	3.00kg



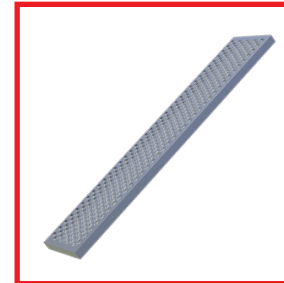
Futuro Ring System Scaffold



Steel Gap Cover Plate

A perforated 320mm x 12.5mm steel plate for bridging gaps between decks of up to 140mm, this plate is held in place with the aid of over-sized plastic screw plugs.

Code	Description	Weight
595157	0.73m x 320mm Gap Cover Plate	2.40kg
595158	1.09m x 320mm Gap Cover Plate	3.40kg
595159	1.57m x 320mm Gap Cover Plate	5.40kg
595160	2.07m x 320mm Gap Cover Plate	7.40kg
595161	2.57m x 320mm Gap Cover Plate	9.40kg
595162	3.07m x 320mm Gap Cover Plate	11.40kg



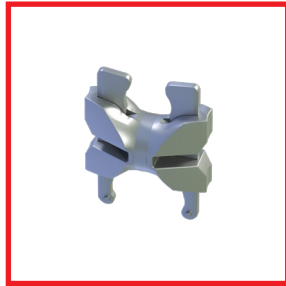
Steel Gap Cover Deck

A perforated 320mm x 25mm steel deck for bridging gaps between decks, this plate is held in place with the aid of over-sized plastic screw plugs.

Code	Description	Weight
595166	1.09m x 320mm Gap Cover Deck	6.44kg



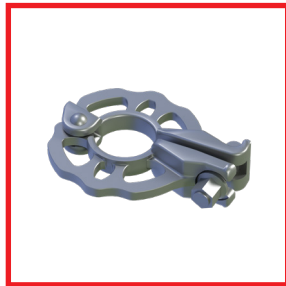
Futuro Ring System Scaffold



0.15m Ledger / Double Wedge Head Fitting

Used for connecting standards together for double legged scaffolding or off setting standards in order to avoid obstructions when erecting, giving a centre to centre of standard measurement of 154mm.

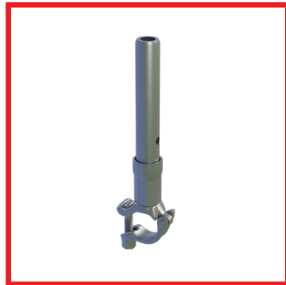
Code	Description	Weight
595148	0.15m Ledger / Double Wedge Head	1.10kg



Clampable Disc Coupler Fitting (22mm)

This fitting allows for the connection of up to six ledgers or braces at any point along a Futuro standard.

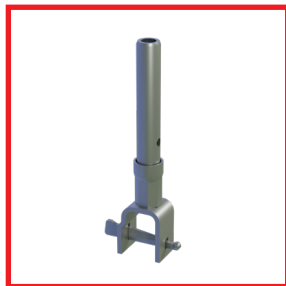
Code	Description	Weight
591440	Clampable Disc Coupler Fitting	1.10kg



Support Spigot with Fitting (22mm)

A 300mm spigot with half coupler fitting, generally used when attached to a lattice beam or ledger to allow for the connection of a standard at any chosen point.

Code	Description	Weight
591220	300mm Support Spigot with Fitting	1.60kg



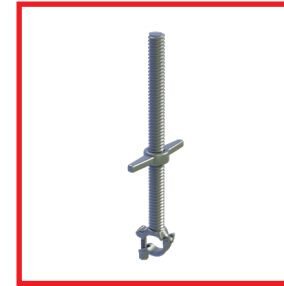
Support Spigot with Wedge

A 300mm spigot with a wedge connection, this spigot is used to fix a standard to a steel lattice beam at pre-determined positions that are located along the top cord of the beam. Due to the wedge fitting locating through the top cord of the beam the standards are un-able to swivel at the joint.

Code	Description	Weight
591222	300mm Support Spigot with Wedge	2.10kg



Futuro Ring System Scaffold



Threaded Spindle with Fitting (22mm)

A 500mm adjustable spindle that enables the levelling of standards when working from un-even starting points.

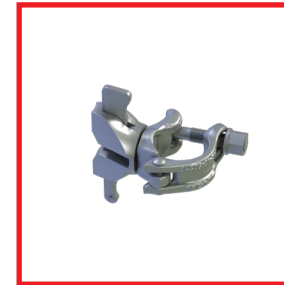
Code	Description	Weight
591318	500mm Threaded Spindle with Fitting	2.90kg



Toe Board Bracket

This fitting is attached to the standards and hooked over the toe board to enable a more permanent and secure fixing connection.

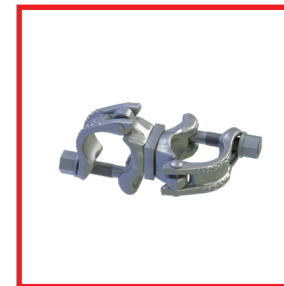
Code	Description	Weight
591430	Toe Board Bracket Fitting	1.20kg



Wedge with Swivel Fitting (22mm)

Used for attaching traditional scaffold tube to the disc of the standard, allows the conversion of scaffolding tube into vertical braces or the tying-in of standards to ledgers on fly past returns.

Code	Description	Weight
591301	Wedge with Swivel Fitting	1.20kg



Distance Coupler Fitting (22mm)

Used for attaching two standards together with a distance of 85mm. This fitting allows the indents of the discs on the standard to sit tight up against the other standard, with the discs being positioned at different heights.

Code	Description	Weight
591291	Distance Coupler Fitting	1.40kg



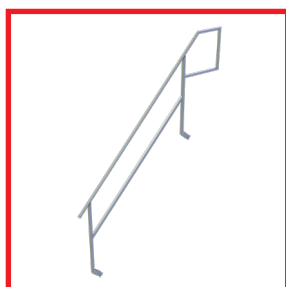
Futuro Ring System Scaffold



Aluminium Staircase Unit

Complete with upper and lower landings, drop forged connecting claws to fit 48.3mm diameter scaffolding tube. This 640mm wide staircase has a loading capacity of 2kM/m².

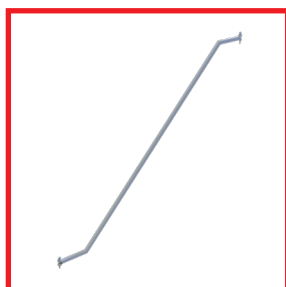
Code	Description	Weight
591255	1.00m x 640mm Alloy Staircase	13.70kg
591256	2.57m x 640mm Alloy Staircase	30.00kg
591258	3.07m x 640mm Alloy Staircase	35.00kg



Stair Head Guardrail (Double)

This guard rail frame is attached to the inside stringer of the top flight of stairs to create a safe fixed exit route.

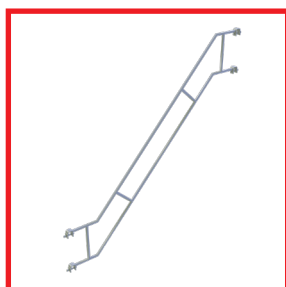
Code	Description	Weight
591281	Stair Head Guardrail Frame	14.70kg



Stair Outer Guardrail (Single Rail Option)

Two guardrails are required per staircase unit, these are fixed top and bottom to the discs of the outside standards.

Code	Description	Weight
591269	3.07m x 2m Single Outer Guardrail	13.40kg



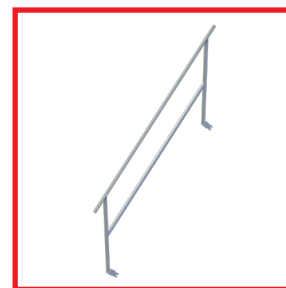
Stair Outer Guardrail Frame (Double Rail Option)

One guardrail frame is required per staircase unit, this is attached over the landing handrails top and bottom.

Code	Description	Weight
591270	2.57m x 2.00m Double Outer Guardrail	22.80kg
591271	3.07m x 2.00m Double Outer Guardrail	25.10kg



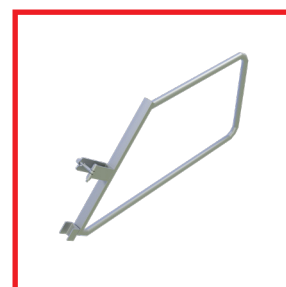
Futuro Ring System Scaffold



Stair Inner Guardrail (Double)

This guard rail frame is attached to the inside stringer of each staircase unit.

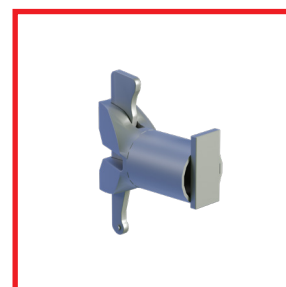
Code	Description	Weight
591283	Inner Guardrail 2.57m & 3.07m x 2.00m	14.80kg



Stair Well Guardrail Frame

This guardrail frame can be attached to the underside of a alloy staircase unit to close off the void below.

Code	Description	Weight
595184	Stair well Guardrail Frame	4.60kg



Staircase Guardrail Adaptor

Used in pairs and attached to the outer standard of the stair tower to enable the fitting of the stair outer guardrail frame.

Code	Description	Weight
591568	Staircase Guardrail Adaptor	0.95kg



Futuro Ring System Scaffold

Loading Platforms

A loading tower is a reinforced scaffolding structure for the loading and storage of material and equipment whose weight would exceed the safe working load of the access scaffold to which it is connected (TG20).

Loading towers must always be designed by a competent scaffolding engineer and erected in accordance with the design and client requirements.

Altrad Generation offer a number of loading tower solutions depending upon site requirements and designer specifications.

Futuro Tower Loading Options ~

Loading towers requiring greater capacity can be designed upon request.

6kM/m²

8kM/m²

10kM/m²

15kM/m²

Futuro Tower Dimension Options ~

2.57m x 2.07m

2.57m x 2.57m

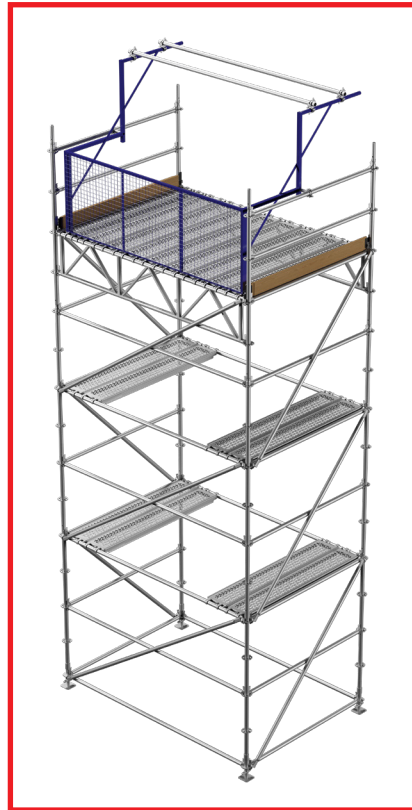
3.07m x 2.07m

3.07m x 2.45m

4.14m x 2.07m

4.14m x 4.14m

Please Note ~ The loading tower options above are standard weights and dimensions for more information regarding loading tower options please contact your local Altrad Generation branch.



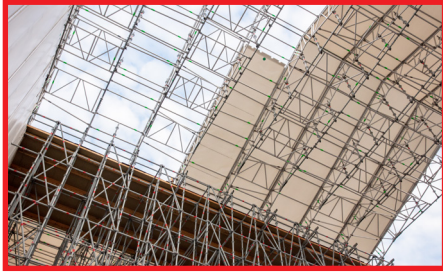
Futuro Ring System Scaffold

Transom Length ~ Deck Width

- 0.42m ~ 1 x 320mm
- 0.73m ~ 2 x 320mm or 1 x 640mm
- 1.09m ~ 3 x 320mm or 1 x 640mm + 1 x 320mm
- 1.40m ~ 4 x 320mm or 2 x 640mm
- 1.57m ~ 4 x 320mm + 1 x 190mm
- 2.07m ~ 6 x 320mm
- 2.57m ~ 7 x 320mm and 1 x 190mm
- 3.07m ~ 9 x 320mm or 8 x 320mm + 2 x 190mm
- 4.14m ~ 12 x 320mm and 1 x 190mm
- 5.14m ~ 15 x 320mm and 1 x 190mm
- 6.14m ~ 18 x 320mm and 1 x 190mm



UNI Roof Temporary Roofing System



The UNI Roof Roofing System is designed for use on short to medium term temporary roofing contracts during which it will be exposed to mild or moderate weather conditions.

Using a custom made range of aluminium unit beams the roof can be erected in either mono or duo pitch configurations. If required, the system covering can be used on any type of beam.

Versatile

- Fully modular roofing system in a range of sizes, will fit any project.
- Fits on any scaffolding system or tube and fittings, maximum on-site flexibility and stock utilisation.
- Multi-function beams with separate tracking use beams for other purposes when roof is idle.
- Mono or duo-pitch roof configurations
- From a simple roof covering to fully modular roofing system in a range of sizes will fit any project.
- Sheets can be terminated at any track joint, allows split or staggered bays and copes with over length roof beams.
- Individual bays easily opened, allows access for craned materials.
- Can be rail-mounted on steel rollers, whole sections of building can be uncovered.
- The roof bay sizes are identical to the Futuro Scaffold System for a very easy method of complete encapsulation to give a seamless integration that eliminates complicated load paths and provides a clean structural solution utilising standard components.

Safe

- Durable PVC sheeting firmly secured in Keder tracking, safe erection from below.
- Lightweight aluminium beams and bracing, erect in situ or at height without the need for craneage.
- Superior strength and durability, proven even in the worst weather conditions.

Simple

- Minimal number of different parts, simple logical assembly and easy stocking.
- Unique connection technology for tracking requires no couplers or pins, tracks slide into position, simple, safe and quick assembly in situ.
- Loose components eliminated, all parts snap together without bolts.

High Performance

- Clear spans up to 60m (65m with extra design measures), exceeds most competitors.
- Unique rubber seal between tracks, seals and locates perfectly while allowing gap between tracks for sheeting termination.
- Special spring-loaded track tensioners keep roof perfectly weatherproof at all times.
- Compact ridge beam, allows tailored roof profile and reduced scaffold mass 18 degree pitch, efficient water dispersal and no ponding.

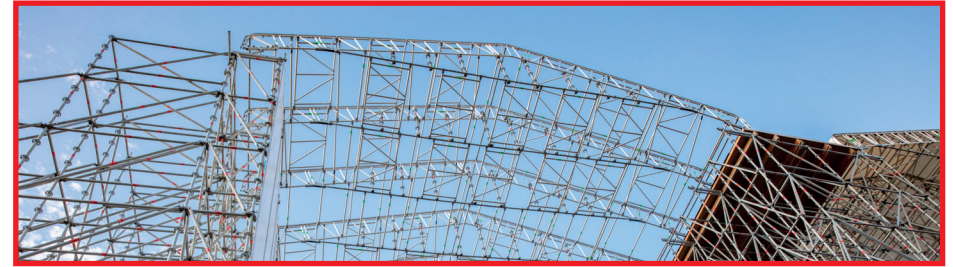
Installation

For information on installation refer to the UNI Roof User Guide or alternatively watch our UNI Roof installation videos on Youtube by searching Altrad Generation.

Or Visit: <https://genuk.ltd/youtube>



UNI Roof Temporary Roofing System



The use of innovative intermediate roller brace coupler makes split bays very easy to achieve together with the deeply-shrouded track spigot; this has previously been difficult if not impossible with Keder-style roof coverings.

By positioning the coupler at the end of a track section and easing open the joint, the Keder sheet on one side can be brought out of the track and terminated while retaining perfect weather-proofing. The coupler provides a housing for the roller brace, so ensuring easy sheet feeding and tensioning.

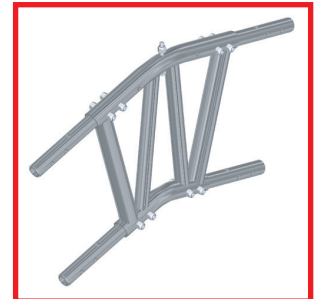
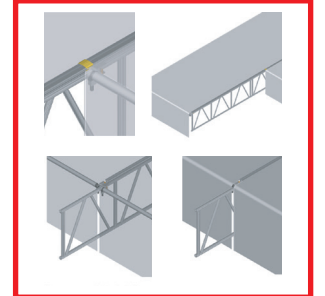
The intermediate roller brace coupler also accommodates over length beams, so that existing stocks of beams can be fully utilised. In this case the coupler is used with its built-in-track stop to retain the track sections, thereby maintaining weather resistance at the joints. This feature also allows sheeting to be pulled down the face of the supporting scaffold without excessive overhangs at the eaves. Sheeting installation is easier, as this may be done from the scaffold without the need for a special cantilever erection platform to be constructed.

The system shows another side to its versatility when complete bays are removed to allow craning of bulky materials through the roof covering.

Only one-in-five bays are fully-braced on a typical roof, the other bays being infills using only horizontal braces. In order to allow removal, the upper braces in the designated bay(s) are mounted upside-down with the tracking button facing down. This allows these braces to be removed when required to make free access through the roof.

The massive strength of the claws, with their heat-treated LM25 bodies and oversize latch pin, allow them to function in either orientation.

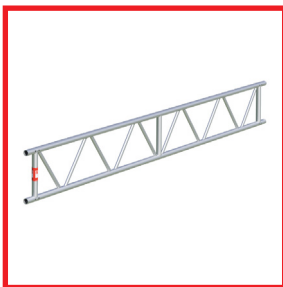
The system can be used as a roof covering for any available beams, although the full benefits of using custom roof beams (strength, lightness, systematic bracing intervals etc) will be lost. We have developed special ridge beams and tracks for alternative beams, including a 15 degree ridge connector which fits the majority of 45cm beams.



This has a bolt-on adaptor for a ridge purlin and fixing beams, allowing alternative use with other popular fixed sheet roof equipment.



UNI Roof Temporary Roofing System



450mm High Capacity Alloy Beam

The Altrad Generation Aluminium 450mm Beam has been the market leader in the UK & Europe for more than 20 years. It provides significant time and cost savings across a whole range of scaffold structures.

Suspended or mobile platforms, birdcages, protection-decks bridges or temporary roofs are ideal applications for the Aluminium 450mm Beam.

The Aluminium 450mm Beam has been specifically designed to provide the highest possible UDL. The unique design allows connection directly to the node point between the diagonals, achieving maximum loading. This means, in most applications, the lowest number of beams are required. In addition, beams are quickly and simply joined together with straight connectors using fast action spring clips.

Code	Description	Length	Weight
277499	450mm Alloy Beam	4100mm	17.00kg
277490	450mm Alloy Beam	6100mm	23.00kg
277500	450mm Alloy Beam	8100mm	31.00kg



D780mm Alloy Beam

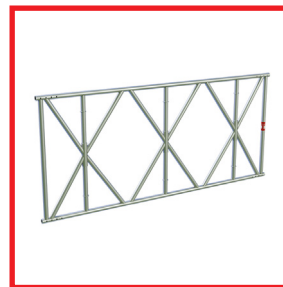
Main structural component for creation of roof spans, also suitable for everyday general purpose applications. The user friendly D78 Beam range offers unrivalled cost to weight ratio and is equally at home in a heavy duty support scaffold or an elegant roofing application

- High strength, low weight and maximum versatility.
- Manufactured in traditional scaffold tube size.
- Vertical posts are provided each 1m on all beam sizes.

Code	Description	Length	Weight
440004	D780mm Alloy Beam	500mm	4.30kg
440005	D780mm Alloy Beam	1000mm	6.40kg
440006	D780mm Alloy Beam	2000mm	11.60kg
440007	D780mm Alloy Beam	3000mm	16.90kg
440008	D780mm Alloy Beam	4000mm	22.20kg
440009	D780mm Alloy Beam	5000mm	27.50kg
440010	D780mm Alloy Beam	6000mm	32.80kg



UNI Roof Temporary Roofing System



1.33m Heavy Duty Asterix Alloy Beam

Single Beam Lines, Massive Spans

Multiple beam lines omitted for most applications, greatly simplifies lacing and bracing, massive reduction in fittings and labour.

Special Design, Quality Manufacture

Optimum arrangement of internal members for maximum capacity and consistent node spacing. All beams are closed end for stability and strength, spigot jointed.

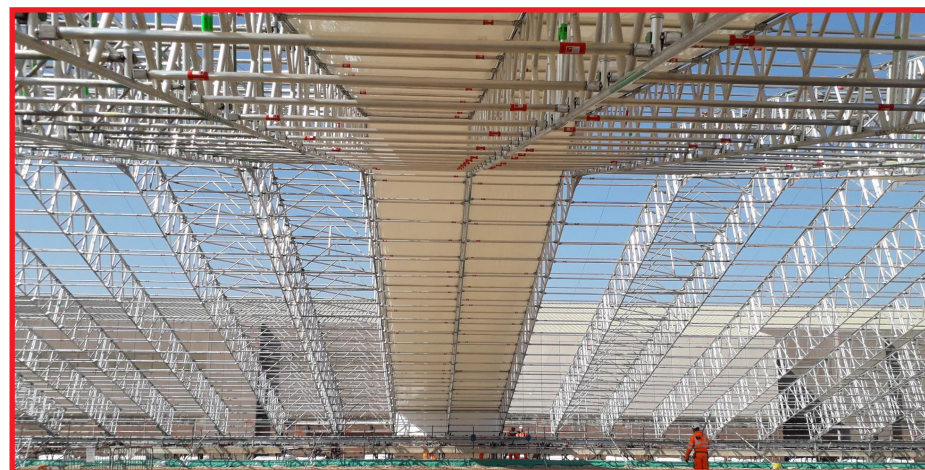
Brace with System or Tube & Fittings

Asterix HD Beam depth enables use of system UNI Frames for both plan and section bracing, meaning large beams can be braced in minutes. Alternatively, traditional tube and fittings can be used for both lacing and bracing. Unlike most other scaffold beams on the market today it is permissible to connect scaffold couplers to the posts of Asterix HD.

Permissible Moment – 102.2kN/m

Permissible Shear – 32.6kN

Code	Description	Length	Weight
396055	0.55m x 1.33m HD Asterix Alloy Beam	550mm	6.30kg
396100	1.0m x 1.33m HD Asterix Alloy Beam	1000mm	13.30kg
396200	2.0m x 1.33m HD Asterix Alloy Beam	2000mm	22.60kg
396300	3.0m x 1.33m HD Asterix Alloy Beam	3000mm	31.87kg
396400	4.0m x 1.33m HD Asterix Alloy Beam	4000mm	41.40kg





UNI Roof Temporary Roofing System



450mm x 18 Degree Alloy Ridge Beam

Can be used to form singular 18-degree duo pitched roofs or used in multiples to create a domed structure. Normally supplied complete with 5 hole conversion spigots attached to allow for the connection of multiple 450mm alloy beam types.

Code	Description	Weight
440002	450mm x 18° Alloy Ridge Beam	6.40kg



D780mm x 18 Degree Alloy Ridge Beam

Can be used to form singular 18 degree duo pitched roofs or used in multiples to create a domed structure. Requires D780mm 6 Hole Spigots to allow for the jointing to the beam lines.

Code	Description	Weight
440001	D780mm x 18° Alloy Ridge Beam	7.45kg



D780mm x 36 Degree Alloy Ridge Beam

Can be used for form 36 degree duo pitched roofs to cover tall buildings. Can also be used at the eaves to form building structures and shelters.

Code	Description	Weight
440112	D780mm x 36° Alloy Ridge Beam	12.00kg



1.33m x 18 Degree Heavy Duty Asterix Alloy Ridge Beam

Can be used singularly to form an 18-degree duo pitch roof or used in multiples to form perfect dome structures.

Code	Description	Weight
442774	1.33m x 18° HD Asterix Alloy Ridge Beam	25.00kg



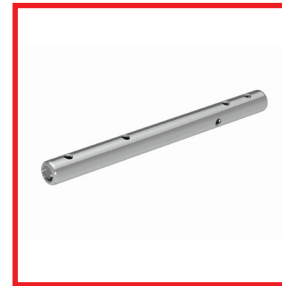
UNI Roof Temporary Roofing System



450mm Beam 6 Hole Spigot

Used for connecting 450mm alloy beams, 2 x 60mm spring pins each side of the joint are required.

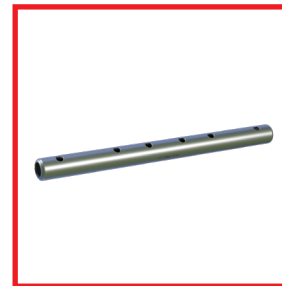
Code	Description	Weight
277501	450mm 6 Hole Spigot	1.19kg



450mm Ridge Beam 5 Hole Spigot

Used for connecting the 450mm 18-degree ridge beam to 450mm alloy beams, this spigot is normally pre bolted into the ridge beam then connected to the alloy beam with 2 x 60mm spring pins per joint.

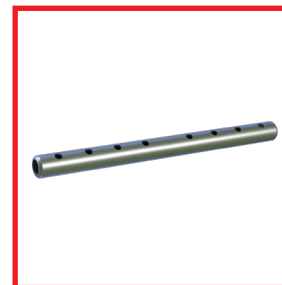
Code	Description	Weight
440012	450mm Ridge Beam 5 Hole Spigot	1.25kg



D780mm Beam 6 Hole Spigot

Used for connecting the 450mm 18-degree ridge beam to 450mm alloy beams, this spigot is normally pre bolted into the ridge beam then connected to the alloy beam with 2 x 60mm spring pins per joint.

Code	Description	Weight
440071	D780mm Beam 6 Hole - Steel Spigot	1.49kg
440011	D780mm Beam 6 Hole - Alloy Spigot	0.80kg



1.33m Heavy Duty Asterix Beam 8 Hole Spigot

Used for connecting the 1.33m 18-degree ridge beam to 1.33m alloy beams, also used for connecting 1.33m alloy beams, 4 x 60mm spring pins each side of the joint is required.

Code	Description	Weight
396900	1.33m Beam 8 Hole Spigot	1.42kg



UNI Roof Temporary Roofing System



UNI Frame

Fitted to the roof beam cords and to the 1.33m Asterix beam posts to provide stiffness and structural integrity. Each corner is fitted with a special tracking button that is used to secure sheet tracking in place when required.

Code	Description	Length	Weight
440017	UNI Frame	2070mm	11.22kg
440018	UNI Frame	2570mm	12.47kg
440019	UNI Frame	3070mm	13.76kg



UNI Horizontal Brace

A single horizontal brace used for the top and bottom cord lacing and the connection of infill bays. Special button fitted to each end to enable Keder sheet tracking to be installed where required.

Code	Description	Length	Weight
442764	UNI Horizontal Brace	300mm	1.41kg
440020	UNI Horizontal Brace	2070mm	3.32kg
440021	UNI Horizontal Brace	2570mm	3.73kg
440022	UNI Horizontal Brace	3070mm	4.24kg



UNI Diagonal Brace

Connects to the top and bottom cords of adjacent beam lines to ensure lateral stability, generally used in conjunction with UNI Frame component.

Code	Description	Length	Weight
440023	UNI Diagonal Brace 0.78m	2070mm	3.44kg
440024	UNI Diagonal Brace 0.78m	2570mm	3.94kg
440025	UNI Diagonal Brace 0.78m	3070mm	4.44kg
440026	UNI Diagonal Brace 0.45m	2070mm	3.35kg
440027	UNI Diagonal Brace 0.45m	2570mm	3.85kg
440028	UNI Diagonal Brace 0.45m	3070mm	4.37kg



UNI Roof Temporary Roofing System



UNI Plan Brace

Connects the posts of the adjacent beam lines providing plan stiffness, Used for bracing the 1.33m Asterix beam when used on spanning large distances or on temporary roofs. Claws are facing in opposite directions to allow easy installation and component recognition.

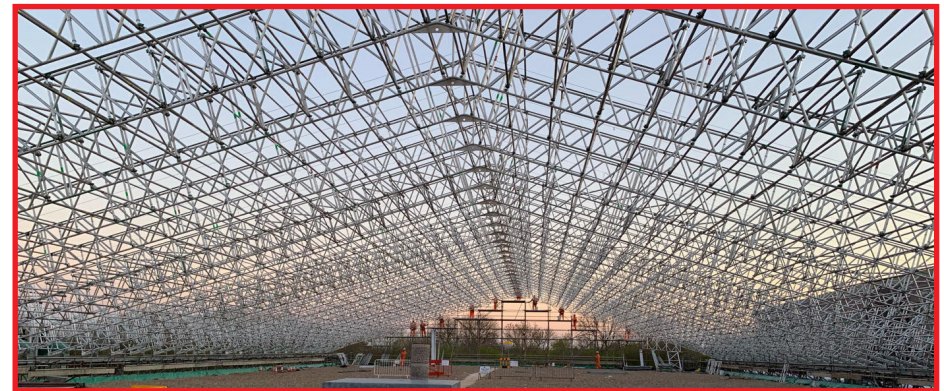
Code	Description	Length	Weight
442763	UNI Plan Brace 2.57m	1000mm	3.77kg
442760	UNI Plan Brace 2.57m	2000mm	4.28kg



UNI Roller Brace

A non-structural component used to even tension applied to the sheeting when ratchet strapped into place. Connects directly into the ridge beam pocket along with the track compressor and intermediate roller brace coupler.

Code	Description	Length	Weight
442765	UNI Roller Brace	300mm	1.37kg
440029	UNI Roller Brace	2070mm	8.80kg
440030	UNI Roller Brace	2570mm	11.40kg
440031	UNI Roller Brace	3070mm	13.60kg





UNI Roof Temporary Roofing System



UNI 18 Degree Ridge Track 450mm / D78

Sheet tracking section that is connected to the 450mm / D78mm 18deg ridge beam, connected with 2 x 70mm QR pins.

Code	Description	Weight
440033	UNI Ridge Track 18° 450 / D78	2.14kg



UNI 36 Degree Ridge Track D78

Sheet tracking section that is connected to the D78mm 18deg ridge beam, connected with 2 x 70mm QR pins, the 36deg profile allows for improved rainwater run-off.

Code	Description	Weight
440113	UNI 36° Ridge Track D78	3.62kg



UNI 18 Degree Ridge Track 1.33m Asterix Beam

Sheet tracking section that is connected to the 1.33m 18-degree ridge beam, connected with 4 x 70mm QR pins.

Code	Description	Weight
442777	UNI 18° Ridge Track 1.33m Asterix Beam	4.53kg



UNI Sheet Tracking

Special aluminium Keder profile supplied in variable lengths and connected using a rubber or alloy track spigot.

Code	Description	Length	Weight
440034	UNI Sheet Tracking	1000mm	1.80kg
440035	UNI Sheet Tracking	2000mm	3.50kg
440036	UNI Sheet Tracking	3000mm	5.30kg
440072	UNI Sheet Tracking	4000mm	7.10kg



UNI Roof Temporary Roofing System



UNI Deep Flow 18 Degree Ridge Track D78

Special aluminium Keder profile provides seamless sheeting throughout the roof lengths. Integrated spigot with a dedicated water channel along with higher profile section providing advanced weatherproofing.

Code	Description	Weight
442818	Deep Flow 18° Ridge Track D78	3.88kg



UNI Deep Flow 36 Degree Ridge Track D78

The special aluminium Keder profile provides seamless sheeting throughout roof lengths. Integrated spigot with a dedicated water channel along with higher profile section provides advanced weatherproofing.

Code	Description	Weight
442836	Deep Flow 36° Ridge Track D78	5.97kg



UNI Deep Flow 18 Degree Ridge Track 1.33m Asterix

Special aluminium Keder profile provides seamless sheeting throughout the roof lengths. Integrated spigot with a dedicated water channel, along with higher profile section providing advanced weatherproofing.

Code	Description	Weight
442817	Deep Flow 18° Ridge Track 1.33m Asterix	6.53kg



UNI Deep Flow Sheet Tracking

Integrated spigot with a dedicated water channel, along with higher profile section providing advanced weatherproofing.

Code	Description	Length	Weight
442801	Deep Flow Sheet Tracking	1000mm	2.65kg
442802	Deep Flow Sheet Tracking	2000mm	5.23kg
442803	Deep Flow Sheet Tracking	3000mm	7.82kg
442804	Deep Flow Sheet Tracking	4000mm	10.44kg



UNI Roof Temporary Roofing System



UNI Deep Flow 1m End Piece With Spigot

Special colour coded end piece for easy recognition. Required at the top end of Mono pitched roofs when used in conjunction with track compressors.

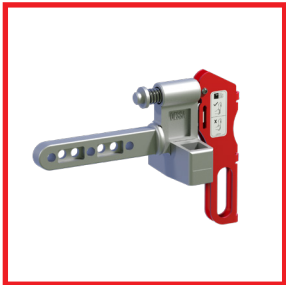
Code	Description	Length	Weight
442809	Deep Flow End Piece w. Spigot	1000mm	2.60kg



UNI Deep Flow 1m End Piece No Spigot

Special colour coded end piece for easy recognition. Required at the eaves of Mono and Duo pitched roofs used in conjunction with track compressors.

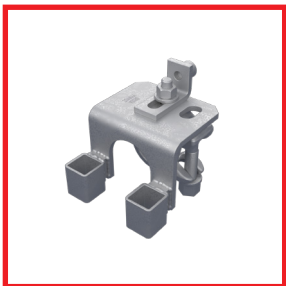
Code	Description	Length	Weight
442808	Deep Flow End Piece No Spigot	1000mm	2.58kg



UNI Roof Track Compressor

Used at the end of D780mm / 1.33m Asterix alloy beam lines to secure sheet tracking, Maintains 100kg of track compression and allows for the installation of the roller braces, fixed in place with 1 x 60mm spring pin.

Code	Description	Weight
440125	UNI Roof Track Compressor	1.55kg



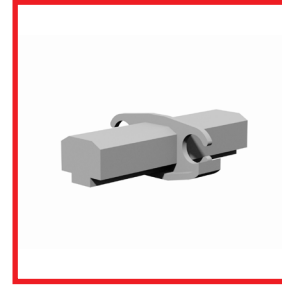
Intermediate Roller Brace Coupler

Used at the end of the Altrad Generation 450mm alloy beam lines to secure sheet tracking. Also used to create staggered bays along with the installation of roller braces.

Code	Description	Weight
440043	Intermediate Roller Brace Coupler	1.45kg



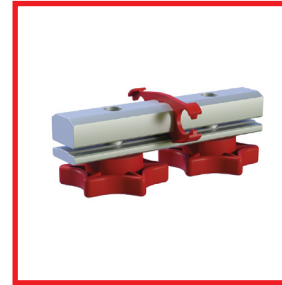
UNI Roof Temporary Roofing System



UNI Sheet Track Rubber Spigot

Used to create a seal when using standard UNI sheet tracking.

Code	Description	Weight
440037	UNI Sheet Track Rubber Spigot	0.09kg



UNI Sheet Track Alloy Spigot

Ensures joint stability between sheet tracking lengths and provides an efficient seal between adjacent track lengths.

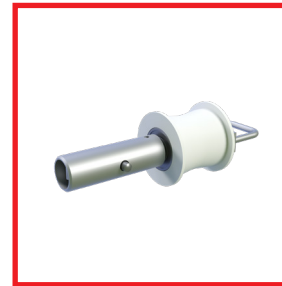
Code	Description	Weight
440128	UNI Sheet Track Alloy Spigot	0.26kg



UNI Roof Sheeting Ratchet Straps

Enables sheets to be tensioned and to be connected to the scaffolding structure.

Code	Description	Weight
440045	Roof Sheeting Ratchet Strap 460kg	0.48kg
440046	Roof Sheeting Ratchet Strap 1000kg	0.52kg



UNI Detachable Sheet Tension Bar Wheel

Engages with the sheet tensioning bar, nylon wheels are to be located over the sheet tracking to enable the installation of the sheeting. To be removed after sheet installation and used on the next bay.

Code	Description	Weight
442766	UNI Detachable Sheet Tension Bar Wheel	1.51kg



UNI Roof Temporary Roofing System



UNI Sheet Pulling Bar Wheel

Used to aid with the process of sheeting roofing structures, the nylon wheels can be adjusted to fit each bay size and run along the length of the sheet tracking.

Code	Description	Weight
440041	UNI Sheet Pulling Bar Wheel	8.20kg



UNI Sheet Tensioning Bar

Special tube lengths to be used in the ends of each roof sheet to enable installation and tensioning, additionally to form a continuous tube at the eaves. Works in conjunction with the detachable tension wheel.

Code	Description	Length	Weight
442768	UNI Sheet Tensioning Bar	300mm	0.79kg
440038	UNI Sheet Tensioning Bar	2070mm	7.39kg
440039	UNI Sheet Tensioning Bar	2570mm	9.26kg
440040	UNI Sheet Tensioning Bar	3070mm	11.13kg



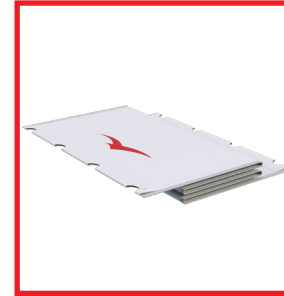
UNI Eaves Continuous Tube Connector

Used at the end of the Altrad Generation 450mm alloy beam lines to secure sheet tracking. Also used to create staggered bays along with the installation of roller braces.

Code	Description	Weight
442780	Alloy Continuous Eaves Connector	0.75kg
-	Steel Continuous Eaves Connector	1.11kg



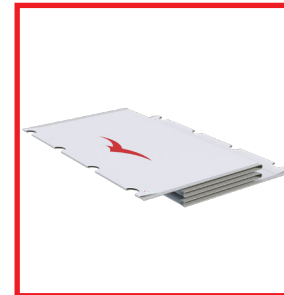
UNI Roof Temporary Roofing System



UNI Roof Heavy Duty 610gsm FR Sheeting

Fabric-based heavy duty flame retardant 610gsm sheeting with 8mm Keder to suit installation into UNI roof sheet tracking, three years anti-yellowing / anti-mildew capability and allowing high levels of light to penetrate the roofing structure.

FR BS 7837 TEST 5438/B2
FR-DIN 4102, B1-PASS
BN EN 13501-1 B,S2,D1
Standard widths ~ 2.07m / 2.57m / 3.07m
Made to measure gable end sheeting also available.



UNI Roof Standard 300gsm Sheeting

PVC coated polyester scrim based sheeting 300gsm with an 8mm Keder to suit installation into UNI roof sheet tracking, translucent in colour allowing for high levels of light to penetrate the roofing structure.

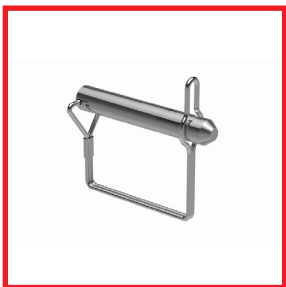
BS 7955
Standard widths ~ 2.07m / 2.57m / 3.07m

Please contact your local Altrad Generation supplier for a full listing of available widths and lengths.





UNI Roof Temporary Roofing System



Ridge Track QR Pin M12 x 70mm Square

Used to connect alloy ridge tracks to the UNI Roof ridge beams.

Code	Description	Weight
440016	Ridge Track QR Pin M12 x 70mm Square	0.10kg



Beam spigot 60mm Spring Clip

Used to fix beam spigots in place when creating beam lines.

Code	Description	Weight
277631	Spring Clip 60mm	0.07kg



M12 x 60mm Bolt & M12 Nyloc Nut

Bolt – Used along with M12 Nyloc nut as an alternative to the 60mm spring pin.

Nut – Used along with M12 x 60mm bolt as an alternative to the 60mm spring pin.

Code	Description	Weight
440013	Beam Spigot M12 x 60mm Bolt	0.06kg
440014	Beam Spigot M12 Nyloc Nut	0.05kg



UNI Roof Beam Supports



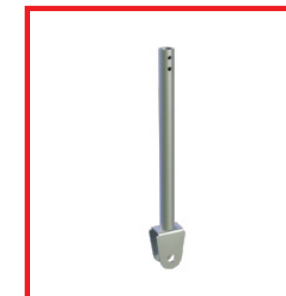
D Code	AA0007
AG Code	440107
Desc.	Beam Support Upright
Wt.	11.28kg
Dim 1	1050mm
Dim 2	250mm

Compatible with our castors, sysTRAX sliding supports our range of connector plates, this support spur, in conjunction with AA0008 and AA0009 allows for simple construction of telescopic mobile roofs.



D Code	AA0008
AG Code	440108
Desc.	Beam Support Spur Inner
Wt.	3.06kg
Dim 1	670mm
Dim 2	110mm

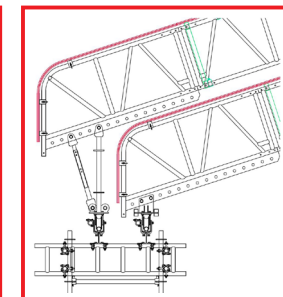
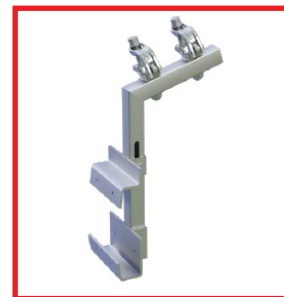
This inner spur is used in conjunction with outer spur AA0009 and allows the spur to be located at various locations on the beam bearer.



D Code	AA0009
AG Code	440109
Desc.	Beam Support Spur Outer
Wt.	3.95kg
Dim 1	760mm
Dim 2	110mm

This outer spur is used in conjunction with inner spur AA0008 and allows the spur to be located at various locations on the beam bearer.

Gutter Bracket



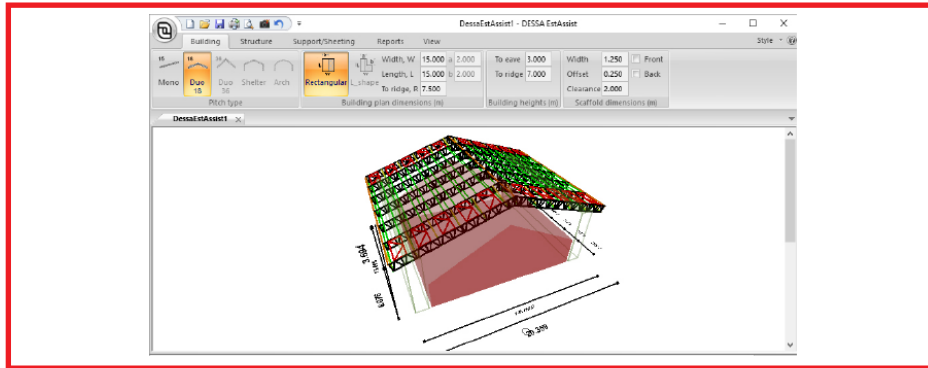
Secures 38x225mm timber scaffold boards allowing for installing of proprietary rainwater management goods at the eaves of temporary roof.

Code	Description	Dim 1	Dim 2	Weight
UA0038	Gutter Bracket	310mm	570mm	7.10kg

*These are special products, contact us for more information.

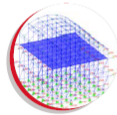


Estimating Software



3D estimating software for all DESSA Roof Systems, allows quick material lists and quotations to be generated and facilitates easy and simple changing of roof length, span, bay size and supports.
Windows 10 compatible.

Extensive industry experience at management level as well as within the design team places DESSA in an excellent position for its clients. DESSA offers a full design and check service covering scaffold projects, temporary roofing projects and bespoke product design. This service is backed up with site visits when required and not limited to DESSA products, other proprietary systems and temporary works designs can be also checked.



- At DESSA we take full advantage of state of the art engineering software:
- Autodesk Product Design & Manufacturing Collection (includes: AutoCad, AutoCad Mechanical, Inventor, 3ds Max)
 - Graitec visual analysis software, full frame 3D.
 - Sketchup
 - Adobe Creative Cloud (Photoshop, InDesign, After Effects, Premiere Pro)

WE ARE PROUD TO OFFER:

- 2D design drawing creation / submissions / checking
- 3D visuals
- Animations / Training videos
- 2D/3D Structural Frame Analysis complete with calculation reports
- Method Statements / Risk Assessments
- Site visits / Inspections / Approvals



- Innovative & Bespoke Concept development
- Needs analysis
 - Fabrication drawings
 - 3D visuals
 - 2D/3D Structural Frame Analysis complete with calculation reports
 - Prototyping / Launch

- Full support for system scaffolds / lattice beams / access products
- Compliance checking / testing
- Technical literature support / maintenance
- Commercial / Technical proposals



Watch our UniRoof installation videos on YouTube by searching Altrad Generation



- Conduct tailored training courses for bespoke customer requirements
- Optimal combination of classroom and practical workshops
- Follow up testing
- On site training
- Software training
- Instructional videos



Temporary Roof Sheeting



Powerclad® Keder 2000 FR

- Made to customer requirements to fit any modular Keder roof system.
- High tensile strength woven polyester multifilament yarn.
- Double-sided waterproof coating with smooth flat finish.
- Excellent low-temperature characteristics.

Weight	Widths	Keder Rod Dia.	Tensile Strength	Flame Retardant
610gsm	2.07m/ 2.57m/ 3.07m Systems	8mm, 9mm, 10mm	Wrap 2,000 N/50mm Weft 2,000 N/50mm	BS476 Part 12c BS 5867 Part 2B DIN 4102 B1



Powerclad® Keder 1215 FR

- Made to customer requirements to fit any modular Keder roof system.
- High tensile strength woven tape yarn.
- Double-sided waterproof coating with smooth flat finish.
- Excellent low-temperature characteristics.
- Environmentally friendly.
- Colour printing available.

Weight	Widths	Keder Rod Dia.	Tensile Strength	Flame Retardant
300gsm	2.07m/ 2.57m/ 3.07m Systems	8mm, 9mm, 10mm	Wrap 1,100 N/50mm Weft 1,100 N/50mm	LPS 1215 BS 476 Part 12C BS 5867 Part 2B DIN 4102 B1



Powerclad® Keder 1100

- Made to customer requirements to fit any modular Keder roof system.
- High tensile strength woven tape yarn.
- Double-sided waterproof coating with smooth flat finish.
- Excellent low-temperature characteristics.
- Environmentally friendly.
- Colour printing available.

Other widths and lengths are available to order.

Weight	Widths	Keder Rod Dia.	Tensile Strength	Flame Retardant
300gsm	2.07m/ 2.57m/ 3.07m Systems.	8mm, 9mm, 10mm	Wrap 1,100 N/50mm Weft 1,100 N/50mm	-



Temporary Roof - Trax UB

Anti-uplift track system for rolling temporary roofs

Roll-out erection method for temporary roofs using Trax UB can eliminate all work at height relying on the use of a harness. The Trax UB anti-uplift track system for rolling temporary roofs provides a fast and easy way of opening roofs for craning through materials and plant. Even large span roofs can be opened and closed with minimal effort in minutes. Mobile roofs also show great advantages in progressive works avoiding the need to strike and re-erect. The built-in permanent anti-uplift feature allows safe erection even in windy weather. Simple locking screws firmly secure the castors to the track when movement is not required. Trax UB provides a fast and easy way of opening roofs for craning through materials and plant, even large span roofs can be opened and closed with minimal effort in minutes. Mobile roofs also show great advantages in progressive works avoiding the need to strike and re-erect.



Trax Tube Bracket

Allows scaffolding tube to form an effective track for the rolling of scaffolding structures and temporary roofs. To be fixed every 2m by bolting or screwing down to traditional timber scaffolding boards. A cost-effective way to assemble and dismantle structures from a safe working platform, this system does NOT have any anti-up-lift capability.

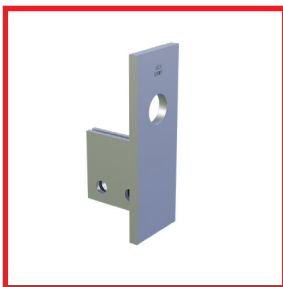
Code	Description	Weight
440120	Trax Tube Bracket	1.30kg



Trax UNI Beam

Steel beams with integrated tubing element secured to scaffolding transoms with the boltless girder clamp (440104), full anti-up-lift capability at all times. Must be supported 1.2m max.

Code	Description	Length	Weight
440101	Trax UNI Beam 2m	2000mm	40.00kg
440102	Trax UNI Beam 3m	3000mm	60.00kg
440103	Trax UNI Beam 4m	4000mm	80.00kg



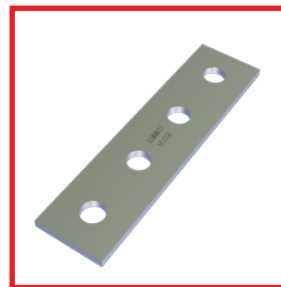
UNI Beam End Closer

Effective stop end for the Trax UNI beam, this device ensures that the rolling structure remains captive at all times.

Code	Description	Weight
440099	Trax UB Beam End Closer	2.60kg



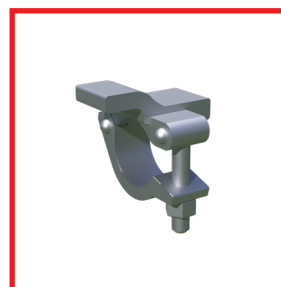
Temporary Roof - Trax UB



Trax UB Beam End Joint Plate

Used to join adjacent lengths of Trax UNI beam using 4 x M16 x 40mm bolts and nuts. Two plates per joint are required. Joints must be supported within 150mm either side.

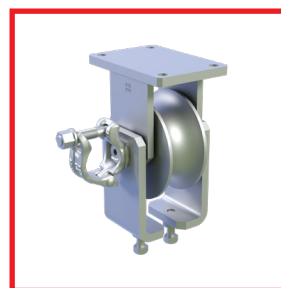
Code	Description	Weight
440100	Trax UB Beam End Joint Plate	2.60kg



Boltless Girder Clamp

Connects to existing 48.3mm scaffolding tubular transoms to secure Trax UNI beam in place. Girder clamps are to be used in pairs at 1.2m centres max and within 150mm either side of beam joints.

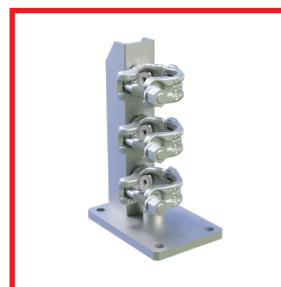
Code	Description	Weight
440104	Boltless Girder Clamp	1.10kg



Trax Anti Uplift Castor Body

Heavy-duty rolling castor unit that offers the full anti-up-lift capability for scaffolding structures and temporary roof systems. The castor is used in conjunction with a range of top plates to enable various types of connection.

Code	Description	Weight
440108	Trax Anti Uplift Castor Body	15.00kg



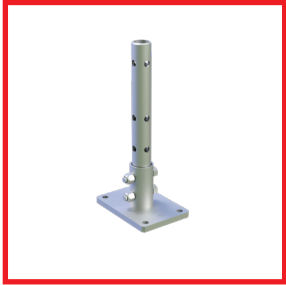
Universal Castor Attachment

Enables standard scaffolding tube connections, secured using 3 half couplers. Top plate to be fixed to castor with 4 x M12 x 45mm bolts and nuts.

Code	Description	Weight
440109	Universal Castor Attachment	3.40kg



Temporary Roof - Trax UB



Castor Top Plate with D78 Beam Spigot

Enables direct connection to D78mm alloy beams, fixed in place with 2 x 60mm spring pins. Top plate to be fixed to castor with 4 x M12 x 45mm bolts and nuts.

Code	Description	Weight
440114	Castor Top Plate with D78 Beam Spigot	3.40kg



Castor Top Plate 0 Degrees

Provides a 0-degree connection to the structure when used in conjunction with the D78 Beam Bearer (440130). Top plate to be fixed to castor with 4 x M12 x 45mm bolts and nuts.

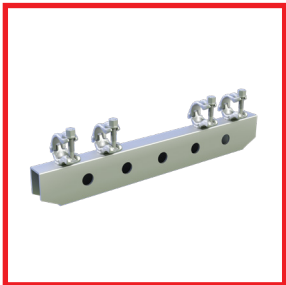
Code	Description	Weight
442782	Castor Top Plate 0 Degrees	5.00kg



Castor Top Plate 18 Degrees

Enables an 18-degree connection to the roof structure when used in conjunction with the D78 Beam Bearer (440130) and the 1.33m Asterix Beam Bearer (442771). Top plate to be fixed to castor with 4 x M12 x 45mm bolts and nuts.

Code	Description	Weight
442769	Castor Top Plate 18 Degrees	5.20kg



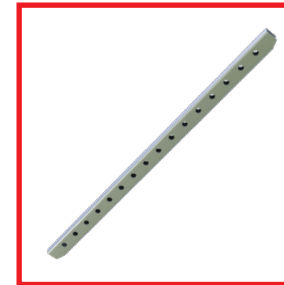
D78 Beam Bearer 700mm with 4 x Coupler

Enables the connection of a scaffold or roofing structure to the castor top plates. Fixed into position with 2 x beam bearer 30mm locking pin (440141) and 2 x Linch pin (440143).

Code	Description	Weight
440130	D78 Beam Bearer 700mm w. 4 x Coupler	7.30kg



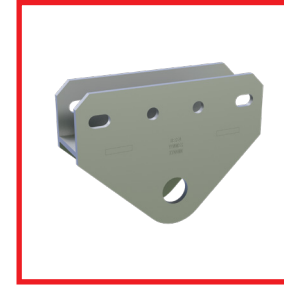
Temporary Roof - Trax UB



1.33m Asterix Beam Bearer 2m

High capacity connection of scaffold or roof structure to support elements. Eliminates local buckling effects and ensures even load distribution. Connects to a 2m x 1.33m Asterix alloy beam using 2 x beam bearer connection brackets (442770).

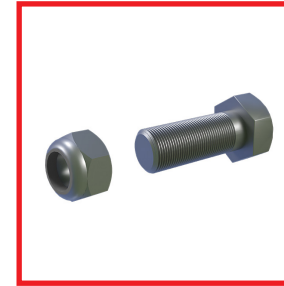
Code	Description	Weight
442771	1.33m Asterix Beam Bearer 2m	23.67kg



Beam Bearer Connection Bracket

Enables the connection of 2m beam bearers to the 1.33m Asterix beam, each bearer is fixed into position with 4 x M12 x 90mm bolts/nuts. Lower cord beam spigots are to be inserted at the same time as the bracket.

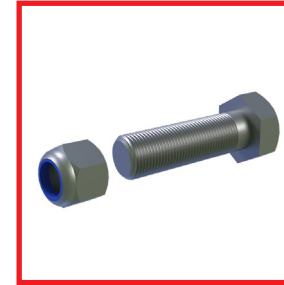
Code	Description	Weight
442770	Beam Bearer Connection Bracket	3.33kg



UNI Beam M16 x 40mm Bolt / Nut

Used to attach UNI beam jointing plates, 4 x bolt/nut per joint.

Code	Description	Weight
440105	UNI Beam M16 x 40 Bolt	0.03kg
-	UNI Beam M16 Nut	0.05kg



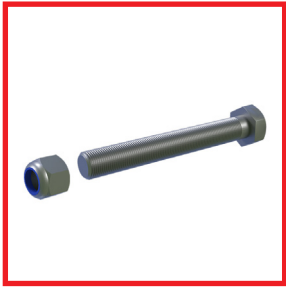
Castor Top Plate M12 x 45mm Bolt

Used to attach castor top plates to Trax anti-uplift castor body, 4 x bolt/nut per top plate.

Code	Description	Weight
440013	M12 x 45 Bolt	0.05kg
440014	M12 Nyloc Nut	0.05kg



Temporary Roof - Trax UB



M12 x 90mm Bolt Nut

Used to attach castor top plates to Trax anti-uplift castor body, 4 x bolt/nut per top plate.

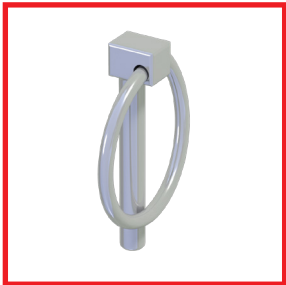
Code	Description	Weight
440140	M12 x 90 Bolt	0.09kg
440014	M12 Nyloc Nut	0.05kg



Beam Bearer 30mm Locking Pin

Used to connect beam bearers to castor top plates and beam bearer connection brackets to the 2m beam bearer.

Code	Description	Weight
440141	Beam Bearer 30mm Locking Pin	0.55kg



Beam Bearer M6 Linch Pin

Used to connect beam bearers to castor top plates and beam bearer connection brackets to the 2m beam bearer.

Code	Description	Weight
440143	Beam Bearer M6 Linch Pin	0.02kg



Temporary Roofing - Trax Bracket



The purpose of the Trax bracket is to provide a cost effective, quick and efficient method for rolling out beam assemblies, gantries or temporary roofs.

Trax brackets are designed to be used with either 3.2mm or 4mm scaffold tube and can be screwed to a 225mm width scaffold boards using 8/10mmx40 coach screws, timber screws with washers or similar, they may also be secured to concrete, plywood or other load bearing platform.

The following spacing's are recommended:-

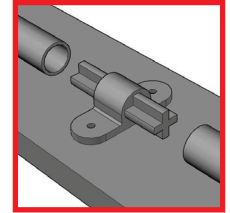
For horizontal gantries, beam assemblies and roofs.	3m c/c
For sloping structures i.e. temporary roofs	2m c/c

Before assembly it is necessary for the load bearing capacity of the platform supporting the Trax brackets and tube to be verified.

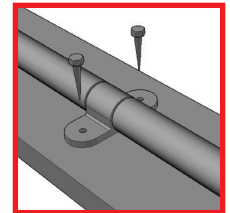
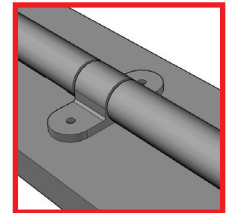
If horizontal loads are expected boards should be restrained by means of board clamps or similar and all Trax bracket fixings should again be verified.

The Trax brackets and tube together form a runway system using the rolling roof wheels, this system does not provide any uplift up capability and therefore must NOT be used to move any sheeted temporary roofs or structures which may be affected by uplift of wind. Once in position, roofs should be tied down to an appropriate system of bracing.

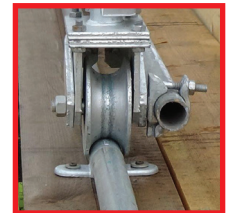
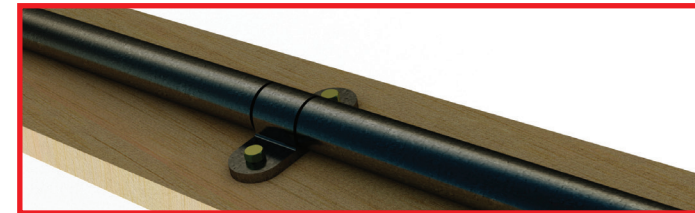
No stop end plates are provided so tube butts or band and plate fittings should be provided to stop the mobile structure from rolling too far.



440120



440108





Altrad Generation Stair Tower

The Altrad Generation Stair Tower, available for both hire and sale, provides safe, speedy access to the working level through a series of 800mm wide purpose built stairways.

Fully galvanised with landings every 1.0m / 1.5m / 2.0m. The stair tower enables movement of personnel swiftly and safely to the work place. Handrails are automatically positioned at the correct height for safe and convenient use. Stair treads and landings are manufactured from expanded steel ensuring a safe slip resistant surface.

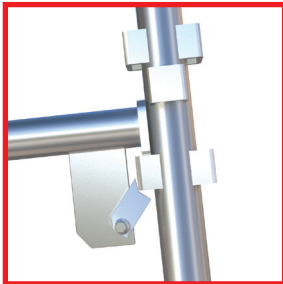
The Stair Tower can be built as a separate construction or integrated into other scaffolding or staging.

Footprint size 3.05m x 1.655m



Stairtower Workouts

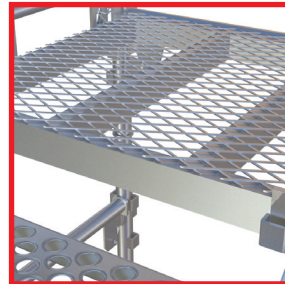
Altrad Generation staff can quickly calculate each tower requirement using our computer aided estimating software. Call your nearest branch on **0800 779 7113**



Fully Locking Components



Safe Access From First Step



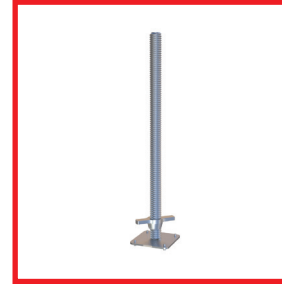
Safe Non-slip Landing Platforms

The Altrad Generation Stair Tower has been audited by the NASC and has met the criteria to satisfy the NASC Code of Practice for proprietary System Scaffold Systems.

Generation Stair Tower has met or exceeded the criteria for Quality, Technical Specification and Compliance to BS EN 12810 and BS EN 12811.



Altrad Generation Stair Tower



Adjustable Base Jack

Code	Description	Weight
207005	Adjustable Base Jack	4.70kg



Ledger Beam

Code	Description	Length	Weight
277409	Ledger Beam	3000mm	17.00kg



Guard Rail Post

Code	Description	Weight
277477	Guard Rail Post	11.00kg



Clip on Guard Rail Post

Code	Description	Weight
277550	Clip on Guard Rail Post	5.80kg



Altrad Generation Stair Tower



Advance Guard Rail Tool

Code	Description	Weight
277433	Advance Guard Rail Tool	1.50kg



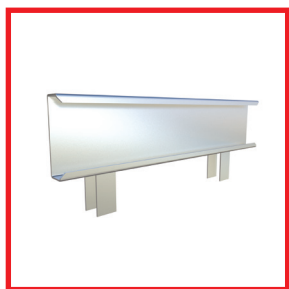
Folding Guard Frame

Code	Description	Weight
277479	Folding Guard Frame	9.20kg



Guard Rail Frame

Code	Description	Weight
277478	Guard Rail Frame	9.20kg

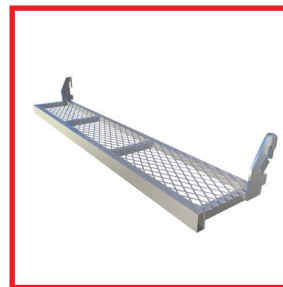


Side Toe Board

Code	Description	Weight
278122	Side Toe Board	3.00kg

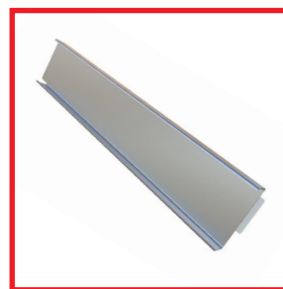


Altrad Generation Stair Tower



Entrance Step

Code	Description	Weight
277426	Entrance Step	13.40kg



Top Toe Board

Code	Description	Weight
278123	Top Toe Board	3.20kg



End Toe Board

Code	Description	Weight
278121	End Toe Board	5.20kg



Guard Rail (Single)

Code	Description	Length	Weight
277418	Guard Rail (Single)	3000mm	10.40kg
277469	Guard Rail (Single)	2160mm	8.00kg



Altrad Generation Stair Tower



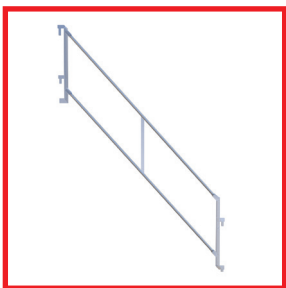
Standards

Code	Description	Length	Weight
277403	Standards	3000mm	17.80kg
277404	Standards	2000mm	12.00kg
277406	Standards	1000mm	6.00kg



Guard Rail Frame

Code	Description	Length	Weight
277476	Guard Rail Frame	3000mm	14.60kg
277645	Guard Rail Frame	1600mm	10.20kg



Stair Guard Rail

Code	Description	Length	Weight
277414	Stair Guard Rail	2000mm	13.80kg
277415	Stair Guard Rail	1500mm	12.50kg
277421	Stair Guard Rail	1000mm	10.50kg



Stair Flight

Code	Description	Length	Weight
277427	Stair Flight	2000mm	43.00kg
277428	Stair Flight	1500mm	33.50kg
277425	Stair Flight	1000mm	28.00kg

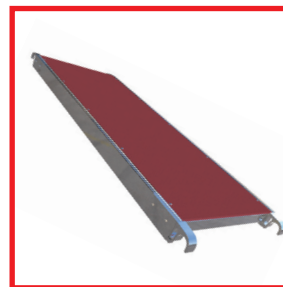


Altrad Generation Stair Tower



Stage Landing

Code	Description	Weight
277432	Stage Landing	27.70kg



Erection Platform

Code	Description	Weight
277480	Erection Platform	15.00kg



Single Tube Beam

Code	Description	Length	Weight
277815	Single Tube Beam	1600mm	7.00kg



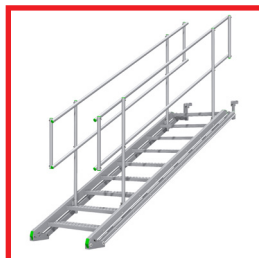
Ranger™ Stair

The Ranger™ Stair is a range of self-contained, pre-assembled aluminium stair units, flat packed, which automatically adjust to a wide range of lift heights, making them ideal for use in tube and fitting scaffolds along with other applications. The Ranger™ Stair is fully compliant with BS EN12811 for all possible configurations.

Code	Description	Weight	Minimum Height (mm)	Maximum Height (mm)
278301	Ranger™ Stair, 3 Tread	18.49kg	557	783
278302	Ranger™ Stair, 6 Tread	29.66kg	985	1457
278303	Ranger™ Stair, 9 Tread	40.71kg	1412	2130
278304	Ranger™ Stair, 12 Tread	51.92kg	1840	2804
278305	Ranger™ Stair, 15 Tread	62.91kg	2267	3478
278309	Ranger™ Stair, 18 Tread	87.80kg	2690	4146

Stair Assemblies

Description	Guardrail Mini	Guardrail Short	Guardrail long
Ranger™ Stair, 3 Tread	2	-	-
Ranger™ Stair, 6 Tread	-	2	-
Ranger™ Stair, 9 Tread	-	-	2
Ranger™ Stair, 12 Tread	-	4	-
Ranger™ Stair, 15 Tread	-	2	2
Ranger™ Stair, 18 Tread	-	-	-



Guardrail Units

Code	Description	Weight
278310	Ranger™ Guardrail Mini	5.21kg
278307	Ranger™ Guardrail Short	5.90kg
278306	Ranger™ Guardrail Long	7.30kg

Connectors

Code	Description	Weight
Inc. with Stair	Tube Connector Left	1.36kg
Inc. with Stair	Tube Connector Right	1.36kg
278308	Slab Connector Left	1.38kg
278308	Slab Connector Right	1.38kg



Layher

Layher Allround® Scaffolding



The proven combination of positive and non-positive connections in a rapid and bolt-free system technology with AutoLock function facilitates connections that are automatically right-angled, obtuse-angled and acute-angled – and ensures built-in safety at the same time. Layher Allround® Scaffolding has now become synonymous with modular scaffolding on the market. Since its launch in 1974, this original system has been undergoing continuous development and offers an impressive variety of uses, on any construction site, in industry, chemical plants, power stations, shipyards and for events. As scaffolding for working, protection, façade work or support, as internal or birdcage scaffolding.

Even with very difficult layouts and architecture styles and with heightened safety requirements, Layher Allround® Scaffolding offers a fast, safe and economical solution.

Fast.

The lighter components increase the speed of assembly and also transport capacities – that saves real money.

Strong.

Increased loading capacity despite lower weight.

Safer.

Improved occupational safety during assembly thanks to the AutoLock function.

Ergonomic.

Increased height clearance and reduction of physical strain by saving up weight in the system.

Efficient.

Only one standard for supported and suspended scaffolding thanks to integrated spigots. There is no need for time-consuming installation of separate spigots or storage of two different standards.

Compliant.

Is fully audited by the NASC for quality, Technical Specification and satisfies the NASC Code of Practice for proprietary system scaffolds, complying to BS EN 12810 and BS EN12811



Layher Site Stair Tower



Our Layher stair tower system range is available to provide a range of load bearing capabilities, with safety and versatility key benefits. Simply assembled, almost any application requirement can be met – from lifts shafts and compact spaces to site stairs and public access facilities. In all cases, staitower selection benefits from a choice of purpose-designed accessories and additional features that enhance site efficiency and performance.

Standard Site Stair tower

- Permissible Load 2.5kN/m²
- Aluminium Stair
- Can be erected in parallel and alternating directions
- Normal base sizes 2.57m x 1.4m or 3.07m x 1.4m
- Available in 2m and 1.5m lifts with option of Modular Stair Attachments
- East to handle and install, conforming to manual handling regulations



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Tel. 0121 543 2950 - Fax. 0121 543 2953 - enquiries@generationuk.co.uk
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