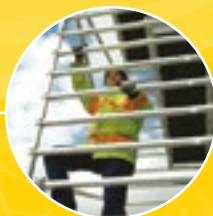




PRODUCT AND SERVICES GUIDE



YOUR

COMPLETE SOLUTION

SCAFFOLD PRODUCTS • ACCESS • SAFETY & TRAINING

Hire and Sale • Access • Export • Training Services

GENERATION SCAFFOLDING AND ACCESS

SUPPORT FOR CONSTRUCTION AND INDUSTRY

Generation is the largest UK supplier of access, scaffolding, safety and training products. Our customer promise is to deliver the:

BEST QUALITY

We work in partnership with our suppliers to ensure we deliver consistent quality every time. We guarantee that our hire and sales products will meet and conform or exceed all statutory requirements and not let you down.

BEST AVAILABILITY

We have the largest available UK inventory of scaffolding, access and safety products. Our branch network and delivery fleet will ensure that we deliver what you need, when you need it.

BEST PARTNERSHIP

We provide a full range of engineering, design and business services to partner and work with our customers. Talk to us today about how we can help you to grow your business.

BEST PRICES

We use our position as the largest UK supplier of scaffolding products to negotiate the best rates for you. We guarantee you will get the best value products and service when you hire or buy from us.

Disclaimer

Whilst Generation (UK) Ltd has taken every reasonable effort to ensure the information contained within this publication is correct and complete at the time of printing, you should be aware that there will be periodical changes and Generation (UK) Ltd does not accept any liability for any inconvenience, loss or damage caused as a result of any inaccuracy or omission within this publication.

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The Generation Business

HIRE AND SALE

Are the UK's largest suppliers of scaffolding, access and safety products. Through a nationwide network of branches a full hire and sale service is provided to the Construction and Industrial sectors.

ACCESS

Specialist branches supplying a full range of modular aluminium access towers, low level access and safe access solutions.

TRAINING SERVICES

A full range of PASMA, IPAF, CISRS, CITB, ITSSAR and Health and Safety training courses are available

EXPORT

From scaffolding ancillaries to full sea freight containers of scaffolding, our export division provides a cost effective procurement solution.



[facebook.com/GenerationUKLtd](https://www.facebook.com/GenerationUKLtd)

Stay informed with what's happening across the company and the industry by becoming a fan on our Facebook page



twitter.com/GenerationUKLtd

Follow us on Twitter and get live updates and thoughts from Generation. We'll be letting you in on news and updates as they happen. Sharing our own thoughts, answering questions and letting you know about the latest industry news



[youtube.com/GenerationUKLtd](https://www.youtube.com/GenerationUKLtd)

Our YouTube channel is a library of all kinds of products and industry related videos. Visit our channel to learn about NASC guidance notes and advice or product information and demonstrations.

Support for Construction





Scaffolding Products

Scaffold Boards

Scaffold Tube

Scaffold Fittings

Scaffold Ancillaries

Scaffold Tools

Scaffold Storage

Readylok Transom

Xtenda® Intermediate Transom

Altrad Futuro System Scaffold

Genlok System Scaffold

Genlok Staircases and Loading Platforms

Genstage System Scaffold

Genstage Staircases and Loading Platforms

Generation Stairtower

Loading Bay Gates

Universal Stair™

Aluminium and Steel Beams

UNI-Roof Temporary Roofing System

Temporary Roof Sheetting

TRAX UB

Sheetting and Debris Netting

Scaffold Boards

Large Stocks Available Nationwide



Timber Boards

All our boards are made to the exacting standards of BS 2482:2009 using visually graded timber with supports spans of 1.2m or machine stress graded timber with support spans of 1.5m.

Available in standard industry sizes, all scaffold boards can be branded and banded with your company's name upon request as well as nail-plated.

Code	Description	Depth	Width
034008	5ft BS2482 Timber Scaffold Board - 1.2m Support	38mm	225mm
034006	6ft BS2482 Timber Scaffold Board - 1.2m Support	38mm	225mm
034002	8ft BS2482 Timber Scaffold Board - 1.2m Support	38mm	225mm
034005	10ft BS2482 Timber Scaffold Board - 1.2m Support	38mm	225mm
034001	13ft BS2482 Timber Scaffold Board - 1.2m Support	38mm	225mm
034105	5ft BS2482 Timber Scaffold Board - 1.5m Support	38mm	225mm
034106	6ft BS2482 Timber Scaffold Board - 1.5m Support	38mm	225mm
034108	8ft BS2482 Timber Scaffold Board - 1.5m Support	38mm	225mm
034110	10ft BS2482 Timber Scaffold Board - 1.5m Support	38mm	225mm
034113	13ft BS2482 Timber Scaffold Board - 1.5m Support	38mm	225mm
034213	13ft Grade A Scaffold Board	38mm	225mm
034013	1" Scaffold Board Bands	-	-
000000	Nail Plates	-	-

Scaffold Boards

Fire Retardant Protection

BS 2482:2009 TIMBER SCAFFOLD BOARDS

Flame retardant treatments are specified to CLASS 1 to BS 476 Part 7 OR EUROCLASS C to BS EN 13501-1:2002

Flame retardant to CLASS 0 to BS 476 Parts 6 & 7. EUROCLASS BSEN 13501-1:2002

Generally treatment to Class 1 or Euroclass C is required, Fire treatment conforming to London Underground technical specifications can also be provided.

Steel Boards

Available in various lengths between 3ft and 13ft.

Conforms to BS EN 12811-1.

Fire retardant and long lasting, perfect for harsh environments and use in onshore and offshore facilities.

Code	Description	Depth	Width
037003	3' Galvanised Steel Board	38mm	225mm
037004	4' Galvanised Steel Board	38mm	225mm
037005	5' Galvanised Steel Board	38mm <td 225mm	
037006	6' Galvanised Steel Board	38mm	225mm
037008	8' Galvanised Steel Board	38mm	225mm
037010	10' Galvanised Steel Board	38mm	225mm
037013	13' Galvanised Steel Board	38mm	225mm

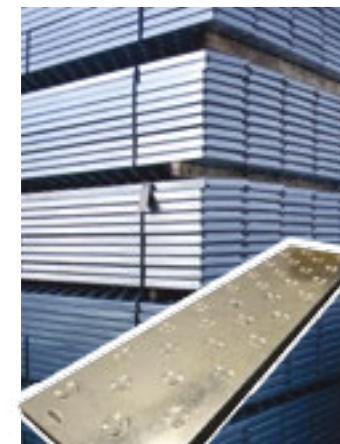
Supadeck Access Platforms

Generation Supadeck is a unique lightweight decking system that is strong and durable. It is easier, safer and cleaner to use than steel and traditional timber boards.

Generation Supadeck for tubular scaffolding
45mm x 225mm clear spans of at least 1.5m.
Weight @ 3.9m - 16kg

Generation Supadeck for batten applications
63mm x 225mm clear spans of at least 2.4m.
Weight @ 2.4m - 11.5kg

Code	Description	Depth	Width
038005	1.5m Supadeck Board	45mm	225mm
038008	2.4m Supadeck Board	45mm	225mm
038010	3.0m Supadeck Board	45mm	225mm
038013	3.9m Supadeck Board	45mm	225mm



Scaffold Tube



4mm Hot Dipped Galvanised Tube

Available in various lengths up to 6.4m (21')

Fully conforming to EN39:2001 Grade S235GT 48.3mm diameter x 4mm nominal wall thickness

Product tested and certified

Code	Length	Code	Length	Code	Length
015205	5'	015211	11'	015217	17'
015206	6'	015212	12'	015218	18'
015207	7'	015213	13'	015219	19'
015208	8'	015214	14'	015220	20'
015209	9'	015215	15'	015221	21'
015910	10'	015216	16'		

3.2mm High Yield Galvanised Tube

Available in various lengths up to 6.4m (21')

Fully conforming to BS EN10219-1 Grade S355JOH

48.3mm diameter x 3.2mm nominal wall thickness

Product tested and certified

Code	Length	Code	Length	Code	Length
016905	5'	016911	11'	016217	17'
016906	6'	016212	12'	016218	18'
016907	7'	016213	13'	016219	19'
016208	8'	016214	14'	016220	20'
016209	9'	016215	15'	016221	21'
016910	10'	016216	16'		

High Quality Aluminium Tube

Available in lengths up to 6.0m (20')

Conforms EN755-2 Grade 6082 T6

48.3mm diameter x 4mm nominal wall thickness.

Product tested and certified

Code	Length	Code	Length	Code	Length
015305	5'	015311	11'	015317	17'
015306	6'	015312	12'	015318	18'
015307	7'	015313	13'	015319	19'
015308	8'	015314	14'	015320	20'
015309	9'	015315	15'		
015310	10'	015316	16'		

Scaffold Fittings



Brand your fittings at no extra cost

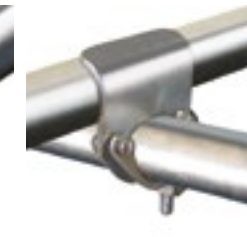
Generation are leading suppliers of a full range of scaffold fittings designed specifically for the professional market. Heavy Duty Drop Forged Doubles and Swivels complying to both EN74 and BS EN 74-1:2005 and Drop Forged Putlog Couplers to BS1139 2.2:2009 are available fully zinc plated. Designed, engineered and manufactured to the highest standard with the highest quality steel. The Generation Drop Forged range offers extreme strength and value for money.



026001 Drop Forged Double Coupler
EN 74-1B



026002 Drop Forged Swivel Coupler
EN 74-1A



026003 Drop Forged Putlog Coupler
BS 1139.2.2



026201 Girder Coupler (Use in pairs)
AS 1576.1

Generation also offer a full range of Pressed Steel fittings to exacting standards. Pressed Steel Double Couplers and Pressed Steel Swivel Couplers, fully zinc plated, complying to both EN74 and BS EN 74-1:2005. Pressed Putlog Couplers to BS1139 2.2:2009 are available fully zinc plated. They provide a strong yet economic solution to scaffolding needs. Generation also have a wide and complimentary range of other scaffolding fittings and ancillaries. Both the Generation Drop Forged and Pressed Fittings are available powder coated, before assembly, in your own company colour.



026124 Pressed Double Coupler
EN 74-1A



026125 Pressed Swivel Coupler
EN 74-1A



026006 Pressed Joint Pin
BS 1139.2.2



026005 Pressed Sleeve
EN 74-1B

Scaffold Ancillaries

Generation branches stock a full range of scaffolding ancillaries and scaffolding components to complete the service to the building contractor.



026040 Oyster Coupler



046206 Supa Tie



103061 Alloy Double Coupler



103062 Alloy Swivel Coupler



046229 Roofing Coupler



026009 Putlog Head



045040 Board Clamp



046207 Supa tie E Type



026007 Toe Board Clip



045038 Limpet Clamp



046096 Wall Anchor



046097 Wall Ring



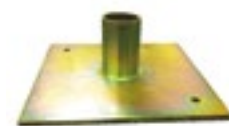
045025 Tredda Plastic Base



026004 Base Plate Tube



026008 Pressed Base Plate



026016 British Standard Base Plate

Scaffold Ancillaries



Large Stocks Available Nationwide

Scafftags

Totally customisable to your needs including branding and inspection data. Can be attached via the porthole, locked in via a scaffold clip or secured with a pull tie.

Weatherproof, UV Protected and durable to withstand the toughest industrial environments.

Complies with The Safety Signs and Signals Regulations.

Box of 10 tags, 20 information cards and 2 pens.

Code 103116



046221 Rubbish Chute



046222 Hopper Rubbish Chute



207100 4 Ton Standard Base Jack



207200 6 Ton Swivel Base Jack

207005 6 Ton Standard Base Jack

Scaffold Ancillaries



046078 Sibal Rope

046079 Polypropylene Rope



026013 8" Rubber Solid Scaffold Castor

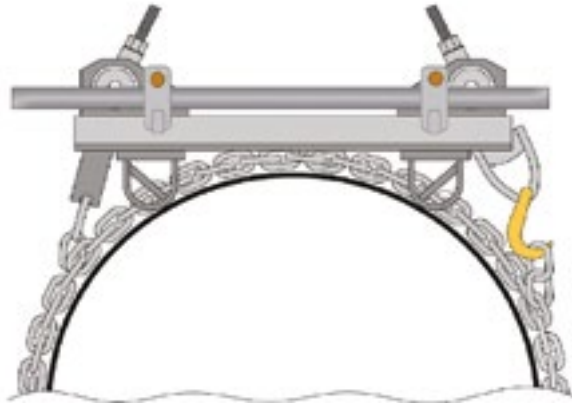


046037 10" Gin Wheel



046235 36" x 24" Sign Board Frame

046236 30" x 20" Sign Board Frame



Universal Friction Clamp

The Universal Friction Clamp can be fitted to horizontal, inclined or vertical tubular member of any diameter from 500mm upwards. Although it will have some resistance to loading applied parallel to the axis of the tubular member, it is intended to support loading applied at right angles to the axis.

Maximum permissible applied load 3.kN and out of balance moment of 4.5kNm when applied as illustrated.

To Calculate the length of chain required on a friction clamp:
 $\text{Pipe Dia.} \times 3.14 \times 2 = \text{min chain length}$

Diameter (mm)	Chain Length (m)
500 - 600	4.0
600 - 900	6.0
900 - 1200	8.0

1200+ information available upon request

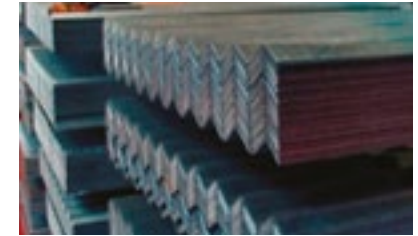


Code	Description
045501	Universal Friction Clamp
045502	Chain Per Metre

Scaffold Ancillaries

Corrugated Iron Sheetting

Standard Gauge	Imperial Thickness	Metric Thickness
22	0.0275" (0.0248")	0.70mm (0.63mm)
24	0.0236" (0.0213")	0.60mm (0.54mm)
26	0.0197" (0.0177")	0.50mm (0.45mm)



034018 Sole Pads



048065 2m Foam Sleeving



026000 Armadillo Fitting cover



046050 Tube End Caps
046049 Thread Caps



Steel Stair Tread

046027 900mm (3ft)
046028 1050mm (3ft 6inch)
046029 1220mm (4ft)



Clip Lubricant

040005 5 Litre
040020 20 Litre
040210 208 Litre



026016 Aluminium Scaffolders Step SG4

Scaffold Tools

Large Stocks Available Nationwide

Generation carry large stocks of scaffolders tools including spanners, ratchets and hammers - we are sure to have what you need.

For our full range, please contact your nearest branch on **0800 783 8376**



046410 7/16" Poker Handle Spanner

046413 1/2" Poker Handle Spanner



046418 Podger Hammer



046411 7/16" Chrome Flat Handle Spanner



046415 7/16" Burton Plain Spanner
046416 1/2" Burton Plain Spanner



Various Belts, Frogs and Holders are available to suit all tools

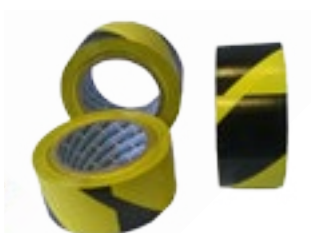


046412 7/16" Cromwell Spanner

046414 1/2" Cromwell Spanner



046428 Podger Hook



046520 Warning Tape Adhesive



046425 5m Steel Tape Measure



046074 Steel Magnetic Spirit Level



046417 7/16" Ratchet Spanner with Podger end

Scaffold Storage



U - Stacker

Generation's U-Stacker is designed to be used for the storage of tubes and boards as well as providing a safer and cost effective alternative to the traditional post pallet.

Tested and designed to the structural design requirements of BS EN 2811 Temporary Works Equipment and BS EN 1993-1-1:2005 Eurocode 3 Design of Steel Structures.



*Based on 6.4m tube.

Code	Description	Weight	Max. Capacity	Stacking
041001	Size 1 U - Stacker	4.0kg	48 Tubes	5 Units High
041002	Size 2 U - Stacker	5.0kg	78 Tubes	3 Units High
041003	Size 3 U - Stacker	7.0kg	50 Scaffold Boards	3 Units High



Scaffold Stillage

Code	Description	Weight
207777	Stillage	29.5kg



Steel Bin

Code	Description	Weight
025555	Steel Bin	50.0kg



Large Fittings Sack

Rhino bags are also available

Code	Description	Weight
026325	Fittings Sack	2.5kg

- 1 Tonne max load
- Reinforced base for extra strength
- Single use only

Readylok Transom Unit



Generation Readylok Transom units will, at low cost immediately convert your stock of tube and fittings into an easily and speedily erected system scaffold.

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

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.

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

Now included in TG20.13

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



Extendable Intermediate Transom

A unique solution for the creation of boarded platforms within traditional tube and fitting scaffolds. 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 and Heavy Duty Scaffolds
- 1, 2 or 3 inside boards, fully loaded
- 4 or 5 board wide scaffolds



Code	Description	Weight
278326	Extendable Intermediate Transom 866mm (4+3) Can be used with Readylok 4 Board Unit	9.0kg
278328	Extendable Intermediate Transom 1098mm (5+3) Can be used with Readylok 5 Board Unit	9.9kg
278334	Extendable Transom 1.3m (5+3) Genlok with Stub	7.0kg
278336	Extendable Tube Transom (5+3)	8.6kg

Extendable Hop-Up Bracket

Generation Extendable Hop Bracket compliments 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.

Code	Description	Weight
278337	Extendable Hop-Up Bracket	6.55kg



Altrad Futuro System Scaffold



Altrad Futuro is the modular scaffolding system for industrial and civil engineering, where adaptable heavy-duty scaffolding systems are especially important.

The key to the success of Altrad Futuro in industrial applications is the tension - optimised socket plate, which contains 8 specially formed openings capable of taking up to eight ledgers/diagonals.

Scaffolds are built using multi boarded levels reducing the need for ledgers as the steel boards form an integral part of the structure thus saving material, weight and labour, making the system one of the quickest to erect and dismantle in a safe manner.



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 Altrad 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 leveling 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. Altrad 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. 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.

ALTRAD Futuro 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.

ALTRAD Futuro 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.



Altrad Futuro System Scaffold

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

Altrad 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 Altrad Futuro; the approval Z-8.22.855 regulates the erection with elements approved by Z-8.22-64. Altrad Futuro is approved in several European countries and meets all requirements of BS EN 12810.

CALL
0800
783 8376
FOR YOUR
USER GUIDE

CISRS Altrad Futuro and Plettac Contur System Scaffold Training



This 2 day course is designed for CITB qualified Basic and Advanced Scaffolders (CISRS), who have qualifications and experience in the erection of tube and fitting scaffolding.

It aims to familiarise you with the requirements of system scaffolds and equip you with the relevant knowledge and skills to enable you to safely erect, alter, dismantle and inspect scaffolding.

Generation Training Service's CISRS On-site Accreditation allows us to carry out training at any one of our site across the UK or at a location of your choice.

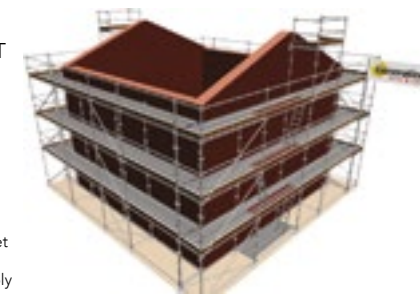
Freephone 0800 587 5224

Altrad Futuro Workouts

Generation can quickly calculate each requirement using SMART Scaffolder. 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 783 8376**

*Smart Scaffolder and workout drawings are not calculated to specific site conditions and should be used for estimating purposes only. They can only be used as design drawings in conjunction with TG20 eguide compliant sign off sheet for Tube and fittings, or system scaffolds in conjunction with their up to date user guide limitations. If scaffolds fall outside these limitations a full design by a suitably qualified engineer must be carried out.



Altrad Futuro System Scaffold

Principle Components



Vertical Standard w. Crimped Spigot

Code	Length	Weight
591000	0.50m	3.9kg
591001	1.00m	6.5kg
591002	1.50m	8.7kg
591003	2.00m	11.0kg
591004	2.50m	13.2kg
591006	4.00m	19.9kg



Ledger

Code	Length	Weight
591031	0.73m	3.0kg

For stair towers with steel staircases
W=750mm and landing with 0.75 x 2.07m bay.

591033	1.09m	4.1kg
591034	1.29m	5.0kg
591037	1.57m	5.6kg

For stair tower with heavy load staircase and stair tread 1.25m

591038	2.07m	7.2kg
591039	2.57m	8.8kg
591040	3.07m	10.3kg



Double Ledger, Tubular Support

Code	Length	Weight
591044	1.57m	9.9kg
591045	2.07m	13.1kg
591046	2.57m	16.2kg
591047	3.07m	19.4kg



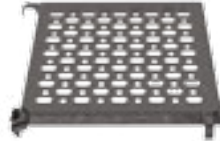
Suspended Scaffold Connector

Code	Length	Weight
591029	0.50m	3.0kg



1 Board Internal Corner Filler

Code	Length	Weight
591351	400mm	5.7kg



2 Board Internal Corner Filler

Code	Length	Weight
591352	750mm	12.3kg

Variable Bracket Tubular Support 1/2 Decks

Code	Length	Weight
591182	0.41 x 0.75m	4.7kg



Side Bracket Tubular Support

Code	Length	Weight
591179	0.39m	3.9kg
591181	0.73m	4.9kg
591180	1.09m	9.6kg



Starting Collar

Code	Length	Weight
591007	0.23m	1.5kg



6 Ton Adjustable Base

Code	Weight
207005	4.7kg



Intermediate Transom

Code	Length	Weight
591048	0.73m	3.9kg
591049	1.09m	5.1kg
591051	1.57m	6.8kg



Plan Brace Ledger

Code	Length	Weight
591104	1.57 x 1.57m	7.7kg
591105	2.07 x 2.07m	10.0kg
591006	2.57 x 2.57m	12.5kg

Altrad Futuro System Scaffold

Principle Components



Aluminium Access Deck W640mm w. Alu Surface and Ladder

Code	Length	Weight
591119	2.57m	29.0kg
591120	3.07m	32.6kg



Intermediate Transom

Code	Length	Weight
591048	0.73m	3.9kg
591049	1.09m	5.1kg
591051	1.57m	6.8kg



Steel Ledger Deck W190mm Tubular Support

Code	Length	Weight
591115	1.57m	9.5kg
591116	2.07m	11.7kg
591117	2.57m	14.1kg
591118	3.07m	16.4kg



Steel Ledger Deck W320mm Tubular Support

Code	Length	Weight
591110	1.57m	12.3kg
591111	2.07m	15.3kg
591112	2.57m	18.3kg
591113	3.07m	21.3kg



Face Brace H200

Code	Length	Weight
591071	0.73m	8.2kg
591072	1.09m	8.5kg
591073	1.40m	9.0kg
591074	1.57m	9.3kg
591075	2.07m	10.3kg
591076	2.57m	11.4kg
591077	3.07m	12.6kg



Reinforced Ledger

Code	Length	Weight
591042	1.09m	7.0kg
591043	1.29m	8.0kg



Horizontal Brace

Code	Length	Weight
591093	1.9 x 2.07m	8.1kg
591094	1.57 x 2.07m	8.9kg
591095	0.73 x 2.57m	9.2kg
591096	1.09 x 2.57m	9.6kg
591097	1.57 x 2.57m	10.3kg
591098	2.07 x 2.57m	11.2kg
591099	0.73 x 3.07m	10.8kg
591100	1.09 x 3.07m	11.1kg
591101	1.57 x 3.07m	11.7kg
591102	2.07 x 3.07m	12.5kg
591103	2.57 x 3.07m	13.4kg



Timber Toeboard for Futuro Decks

Code	Length	Weight
591150	0.15 x 0.73m	1.6kg
591151	0.15 x 1.09m	2.3kg
591152	0.15 x 1.40m	2.8kg
591153	0.15 x 1.57m	3.1kg
591154	0.15 x 2.07m	4.1kg
591155	0.15 x 2.57m	5.0kg
591156	0.15 x 3.07m	5.9kg
591157	0.15 x 4.14m	7.9kg



Face Brace H150

Code	Length	Weight
591078	1.57m	8.1kg
591079	2.07m	9.2kg
591080	2.57m	10.5kg
591081	3.07m	11.8kg

Altrad Futuro System Scaffold U-Section Components



Variable Bracket 1/2 deck

Code	Length	Weight
591185	0.39 x 0.73m	5.4kg

Plan Side Bracket

Code	Length	Weight
591174	0.42m	2.6kg
591176	0.50m	3.0kg
591178	0.73m	5.2kg

Plan Side Bracket w. connecting Spigot

Code	Length	Weight
591179	0.39m	3.9kg

Deck Retainer

Code	Length	Weight
591062	0.39m	0.7kg
591063	0.73m	1.3kg
591064	1.09m	1.9kg
591065	1.40m	5.4kg
591067	1.57m	6.1kg
591068	2.07m	8.1kg
591069	2.57m	10.2kg
591070	3.07m	12.2kg

Steel Deck Quadro W19

Code	Length	Weight
591129	1.09m	6.6kg
591130	1.57m	8.8kg
591131	2.07m	11.1kg
591132	2.57m	13.4kg
591133	3.07m	15.7kg

Steel Deck Quadro W32

Code	Length	Weight
591121	0.73m	5.9kg
591122	1.09m	8.1kg
591123	1.40m	10.0kg
591124	1.57m	11.0kg
591125	2.07m	14.0kg
591126	2.57m	17.1kg
591127	3.07m	20.1kg
591128	4.14m	29.3kg

Double Transom

Code	Length	Weight
591058	1.57m	9.8kg
591059	2.07m	13.0kg
591060	2.57m	16.1kg
591061	3.07m	19.2kg

Reinforced Transom

Code	Length	Weight
591054	1.04m	6.3kg
591055	1.09m	6.6kg
591056	1.40m	8.3kg
591057	1.54m	9.0kg

Transom

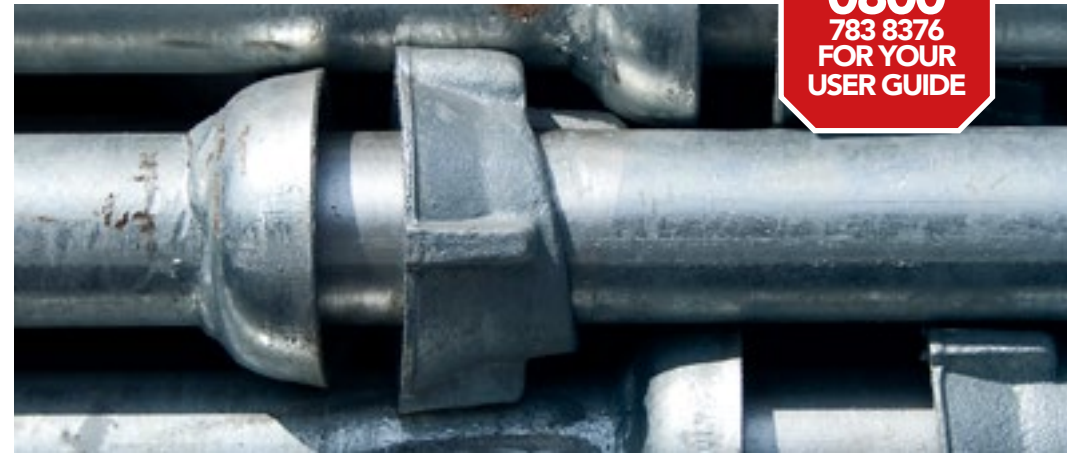
Code	Length	Weight
591052	0.42m	2.2kg
591053	0.73m	3.1kg

Loading Platforms

- Futuro 3m opening loading tower is constructed in 3.07m X 2.57m bay using 3.07m steel decks and standard Futuro components
- The 3m wide opening gate will allow 2.4m wide pallets of plasterboards to be loaded within a standard 2m lift
- The gates are constructed with double H/R staysafe arms tube and fittings with toe boards and brick guards
- The tower has a maximum fully boarded height of 20m and a SWL of 5kN/m² or 3000kg
- Only 1No. bay to be loaded at any time
- For more information refer to our user guide



Genlok System Scaffold



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Generation 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 battens, in all configurations including: loading towers, 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 and Gas Industry

Generation Hire and Sale 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 in the Oil and Gas Industry. 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.



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

Principle Components



OMEGA Wide Steel Stage

238mm x 57mm

Code	Description
227506	0.6m OMEGA (Wide) Steel Stage
227509	0.9m OMEGA (Wide) Steel Stage
227513	1.3m OMEGA (Wide) Steel Stage
227518	1.8m OMEGA (Wide) Steel Stage
227525	2.5m OMEGA (Wide) Steel Stage

Galvanised Steel Stage

225mm x 63mm

Code	Description
227386	1.3m OMEGA Steel Stage
227328	1.8m OMEGA Steel Stage
227381	2.5m OMEGA Steel Stage



Standards

Code	Description
227301	3m Standard
227302	2m Standard
227303	1m Standard



Handrail Post

Code 227329

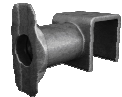
One Board Support

Code 227354



Return Device

Code 227353



6 Ton Adjustable Base

Code 207005



Deck Adapter

Code 228300



2 Board Hop-Up Bracket

Code 227317

3 Board Hop-Up Bracket

Code 227319



Sale only
Timber Batten

Code	Length
227317	1.3m
227363	1.8m
227364	2.5m



2.5m OMEGA HD Transom

Code 227347



2 Board Inside Board Transom

Code 227324



1 Board Inside Board Transom

Code 227320



Horizontal Ledgers

Code	Description
227306	1.3m Ledger
227305	1.8m Ledger
227304	2.5m Ledger
227406	3.0m Ledger



Swivel Face Brace

Code	Description
227309	2.5m X 2.0m Brace
227310	2.5m x 1.5m Brace
227311	1.8m x 2.0m Brace
227342	1.8m x 1.5m Brace



Intermediate Transom

Code	Description
227322	0.565m Transom
227323	0.795m Transom
227307	1.3m Transom
227380	1.8m Transom
227382	2.5m Transom

Genlok System Scaffold

Principle Components



OMEGA Transom

Code	Length (m)
227349	0.8m
227348	0.9m
227346	1.3m
227344	1.8m



OMEGA 2 Board Stage Brackets

Code 227358

OMEGA 3 Board Stage Brackets

Code 227359

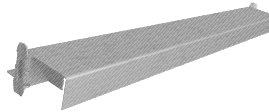


2 Board OMEGA Mesh Corner Filler

Code 227415

3 Board OMEGA Mesh Corner Filler

Code 227360



OMEGA Return Transom

Code 227366



OMEGA Steel Batten Toeboard clip

Code 227350



OMEGA One Board support

Code 227365



8" Internal Spigot Rubber Castor

Code 227396



Return End Blade

Code 227295



2m Swan Neck Standard

Code 227426

CISRS Genlok System Scaffold Training



This 2 day CISRS SSPTS course provides the knowledge and skills to erect, alter and dismantle Genlok System Scaffold in accordance with the manufacturers instructions, minimum legal requirements and industry best practice.

Freephone 0800 587 5224

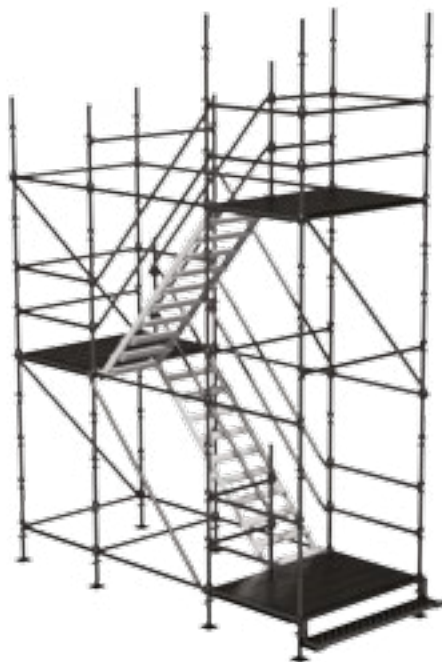


Genlok Workouts

Generation staff can quickly calculate each requirement using SMART Scaffolder. 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 783 8376**

* See details page 20

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.

8-Leg Staircases

With only the addition of Staircase Units and Handrail posts, standard Genlok components can be used in the erection of the 8-Leg tower.



2.0m Steel Staircase Unit

Code 227375

2.0m Aluminium Stair Unit

Code 227413

1.5m Aluminium Stair Unit

Code 227412



1.5m Steel Staircase Unit

Code 227376



Staircase Step Bracket

Code 227425

Staircase Guardrail Post

Code 227377



Genlok System Scaffold Principle Components



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 227526



Handrail Post

Code 227329



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 tower is built progressively with the working lift to match bricklayer's progress.



Loading Bay Beam

Code 227414



2.5m Loading Tower Board Bearer

Code 227356



Genstage System Scaffold



Increased productivity

Minimal loose fittings

Simple and fast to erect

Adaptable and cost effective

Generation Genstage is a traditional system scaffold that increases productivity and substantially reduces losses by virtually eliminating all loose fittings. It comprises five basic components. These combined with our comprehensive range of accessories makes Genstage safe, fast and an extremely versatile system scaffold.

Adjustable Base

Code	Weight
207005	6 Ton
207100	4 Ton

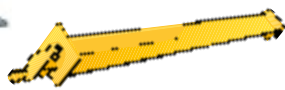
Ledger

Code	Length
207007	6ft
207006	8ft



Ladder Access Transom

Code 207011



Timber Battens

Code	Length
207023	4ft
207022	6ft
207021	8ft



Steelstage

Code	Length
207028	4ft
207026	6ft
207027	8ft



Standards

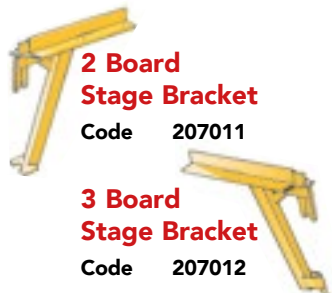
Code	Length
207002	2m
207001	3m

2 Board Stage Bracket

Code 207011

3 Board Stage Bracket

Code 207012



Internal Corner Filler

Code 207034



End Toe Board Brackets

Code 207016



One Board Stage Bracket

Code 207010



Toe Board Bracket

Code 207008



Return Transoms

Code 207029



4'2 Transoms

Code 207003



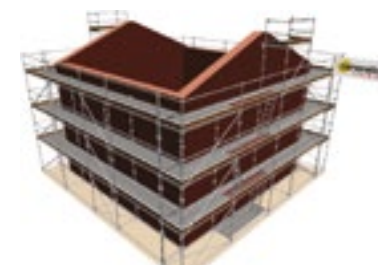
Genstage Staircases and Loading Platforms



To safely and efficiently speed workforce to the required level of a Genstage structure, Genstage Stair Tower components can be used in conjunction with standard Genstage components to provide a dedicated Stair Tower.

Loading Platforms

Genstage can also be adapted to form a loading tower where bricks and mortar can be raised to the working level by fork lift or other mechanical handling. A hand railed safety gate ensures full protection when being loaded distancing operatives from the load bay when the gate is raised.



Genstage Workouts

Generation staff can quickly calculate each requirement using SMART Scaffolder. 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 783 8376**.

* See details page 20

Generation Stair Tower



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The Generation StairTower, 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

Generation staff can quickly calculate each tower requirement using our computer aided estimating software.*

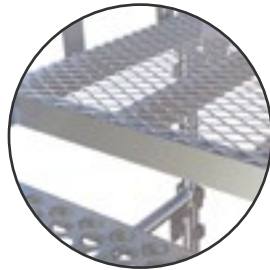
Call your nearest branch on **0800 783 8376**



Fully locking components



Safe access from first step



Safe Non-slip Landing Platforms



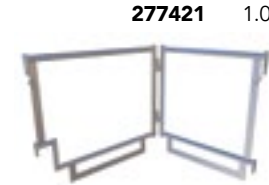





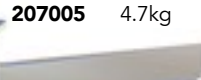





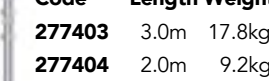

Generation Stair Tower has been audited by the NASC and has met the criteria to satisfy the NASC Code of Practice for proprietary System Scaffold Systems.

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

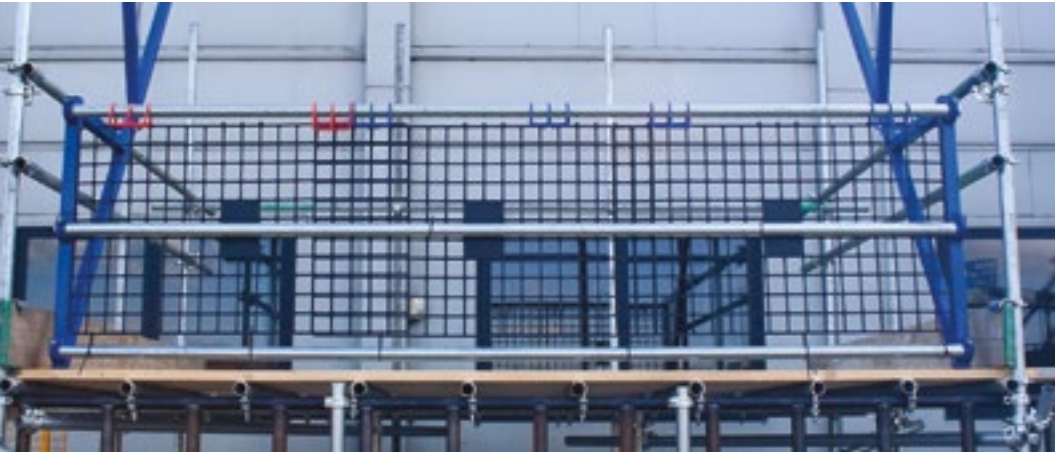


* See details page 20

Generation Stair Tower Principle Components

	Guard Rail Post	
Code	Weight	Code Length Weight
277477	11.0kg	277427 2.0m 43.0kg
		277428 1.5m 33.5kg
		277425 1.0m 28.0kg
	Stair Guard Rail	
Code	Length Weight	Code Weight
277414	2.0m 13.8kg	277550 5.8kg
277415	1.5m 12.5kg	
277421	1.0m 10.5kg	
	Folding Guard Frame	
Code	Weight	Code Weight
277479	9.2kg	277433 1.5kg
	Entrance Step	
Code	Weight	Code Weight
277426	13.4kg	277478 9.2kg
	Adjustable Base Jack	
Code	Weight	Code Length Weight
207005	4.7kg	277409 3.0m 17.0kg
	Top Toe Board	
Code	Weight	Code Length Weight
278123	3.2kg	277476 3.0m 14.6kg
	Standard	
Code	Length Weight	Code Length Weight
277403	3.0m 17.8kg	277476 3.0m 14.6kg
277404	2.0m 9.2kg	277645 1.6m 10.2kg
277406	1.0m 6.0kg	
	Side Toe Board	
Code	Weight	Code Length Weight
278122	3.0kg	277418 3.0m 10.4kg
	End Toe Board	277469 2.16 8.0kg
Code	Weight	
278121	5.2kg	
	Stage Landing	
Code	Weight	Code Weight
277432	27.7g	277480 15.0kg
	Single Tube Beam	
Code	Length Weight	
277815	1.6m 7.0kg	

Loading Bay Gates



Generation Hire and Sale have a wide range of ancillary components which add safety to both System and Tube and Fitting scaffolds. Loading Bay Gates, Safety Handrail Gates and Ladder Locks are available to provide safety of operatives who work on finished scaffolds.



Triple Handrail Stay Safe Arm

To be used in pairs, allowing three handrails to be used.

Fully compliant to TG20:13 and BS EN 13374

Code	Description
278203	Triple Handrail Staysafe



Double Handrail Stay Safe Arm

To be used in pairs, allowing two handrails to be used as well as allowing a Toe Board (scaffold board) to be fixed.

Fully compliant to TG20:13 and BS EN 13374

Code	Description
278202	Double Handrail Staysafe



'M' Loading Bay Arm 'M' Loading Bay Gate

To be used with tube and fittings. Additional fittings will be required to secure the gate.

Rear Guardrails must be fitted to comply with TG20:13 and BS EN 13374

Code	Description
278230	'M' Loading Bay Arm
278231	'M' Loading Bay Gate

Loading Bay Gates



Genstage Up and Over
209008 Up and Over Gate



Genstage Swing Out
209006 Swing Out Gate
209013 Safety Rail



Genlok Up and Over
227600 Up and Over Gate



Multi-Gate for Genlok
227357 Multi-Gate



Standard Gate
227060 Gate Front
227061 Gate Arms



Weights and Hinge
227062 Weights
227063 Hinge

Universal Stair™



The UNIVERSAL STAIR™ is of all aluminium construction making it outstandingly light and easy to handle and transport. It is pre-assembled, all that is necessary is to unfold the stair unit, hang it from a scaffold tube and attach the guardrails, leading to minimum erection time on the site. The stair and guardrails are erected without spanner work, only a hammer and podger are required.

Fully compliant with tube and fitting

Designed with the tube and fittings scaffolder in mind, the UNIVERSAL STAIR™ can be used to build a totally compliant stair tower using existing stocks of tube, fittings and board, keeping capital expenditure to a minimum. UNIVERSAL STAIR™ can also be used equally well within system scaffolds and has wider applications outside scaffolding use.

Supremely versatile

There are five models in the UNIVERSAL STAIR™ range, spanning from 0.6m to 3.5m lift heights. Each model is adjustable for lift height over a wide range, making UNIVERSAL STAIR™ supremely versatile, especially within tube and fitting scaffold structures. While system stairs can only accommodate fixed lift heights, UNIVERSAL STAIR™ automatically takes care if variable or floor level lifts, without the need to construct awkward angled run-offs or step-ups.

Adaptable and comfortable

UNIVERSAL STAIR™ has 680mm clear width, making it very comfortable for the user. Integral double handrails (except Model 1) adapt automatically to the right height, whatever the angle of the stair. The handrail folds flat for transport and are simply unfolded for use. Reinforced vertical posts are inserted into special sockets and secured with hammer wedges.

Safety assured

Safety is assured when using UNIVERSAL STAIR™. Deep section stringers ensure great rigidity in use. Wide, perforated non-slip treads are provides which are very strong, each tread being able to support two average-sized persons (1.5kN). Integral locking devices are provided to secure the stair at the desired angle, while standard fit scaffold hooks have neat gravity locks. UNIVERSAL STAIR™ is fully compliant with Class B of BS EN 12811 in all permissible configurations (angle 38 ° to 52 °).

Multi-purpose

UNIVERSAL STAIR™ is very versatile and can be used for access on pitched roofs, inclined slopes or cuttings. Interchangeable end fittings for scaffold tubes, system transoms, concrete slabs, timber joists and formwork decking are all available.

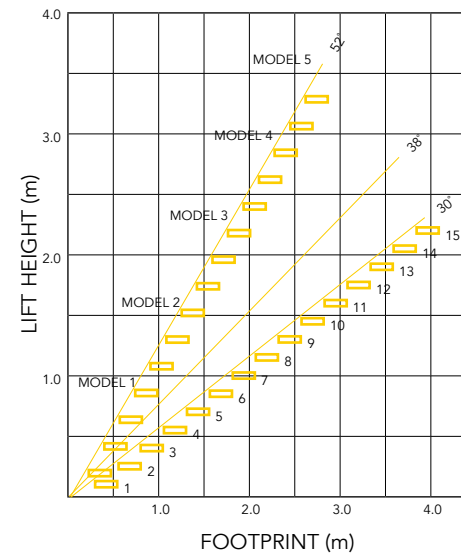


UNIVERSAL STAIR™ is supplied as a pre-assembled flight with or without guardrails and as standard with a pair of scaffold hooks.

Interchangeable hooks or hanger brackets are available for different applications.

Universal Stair™

- Self-locking hook secures stair to scaffold tube.
- Build as a separate stair tower or within scaffold structure.
- Guardrails inserted into sockets and retained with wedges.
- Locking stay on each side secures stair at desired angle.
- Steel reinforced feet with carrying handles.
- Versatile product can be used on slopes, inclines and pitched roofs.



Code	Description	Lift Height		Steps	Length		Weight
		Min.	Max.		Min.	Max.	
278301	Stair Model 1 incl. Stair Only	0.63m	0.85m	3	0.94m	1.18m	11.9kg
278302	Stair Model 2 incl. Star Only	1.05m	1.53m	6	1.59m	2.10m	19.7kg
278303	Stair Model 3 incl. Stair Only	1.48m	2.20m	9	2.07m	2.79m	32.0kg
278304	Stair Model 4 incl. Stair Only	1.91m	2.88m	15	3.28m	4.49m	55.8kg
278305	Stair Model 5 incl. Stair Only	2.34m	3.55m	15	3.28m	4.49m	55.8kg
278306	Long Guardrail	-	-	-	-	-	6.65kg
278307	Short Guardrail	-	-	-	-	-	5.55kg
278308	Slab Hanger (pair)	-	-	-	-	-	2.7kg

450mm Aluminium Beam

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The Generation Aluminium 450 "R" Beam, a market leader in Europe and the UK for more than 15 years, provides significant savings in time and costs on a whole range of scaffold structures.

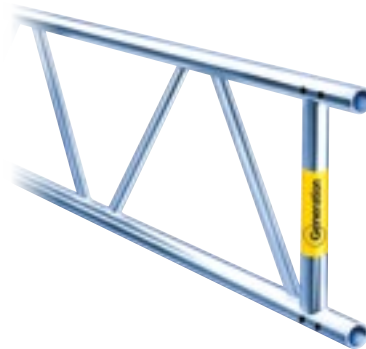
Suspended or mobile platforms, birdcages, protection-decks bridges or temporary roofs are ideal applications for the Generation Aluminium 450 "R" Beam.

The Generation Aluminium 450 "R" Beam, has been specifically designed to provide the highest possible UDL. The unique design allows connection direct 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.

Conforms to BS EN 1999-1-1 Eurocode 9

Use of beams in a load bearing application should be subject to a structural design.

Code	Description	Weight	BS EN 1999-1 (1.0m Restraints)	
			Min.	Max.
277499	4.1m x 450mm Beam	17.0kg	13.28kN	15.02kNm
277490	6.1m x 450mm Beam	23.0kg	13.28kN	15.02kNm
277500	8.1m x 450mm Beam	31.0kg	13.28kN	15.02kNm
277631	Spring Clip	0.03kg	-	-
277501	45cm 6 Hole Spigot	2.50kg	-	-



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Single Beam Lines, Massive Spans

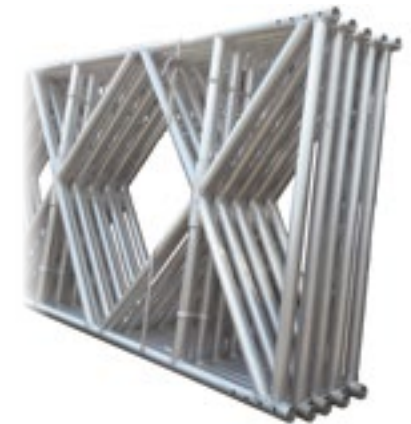
Multiple beam lines omitted for most applications, greatly simplifies lacing and bracing, massive reduction in fittings and labour.

Special Design, Quality Manufacture

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

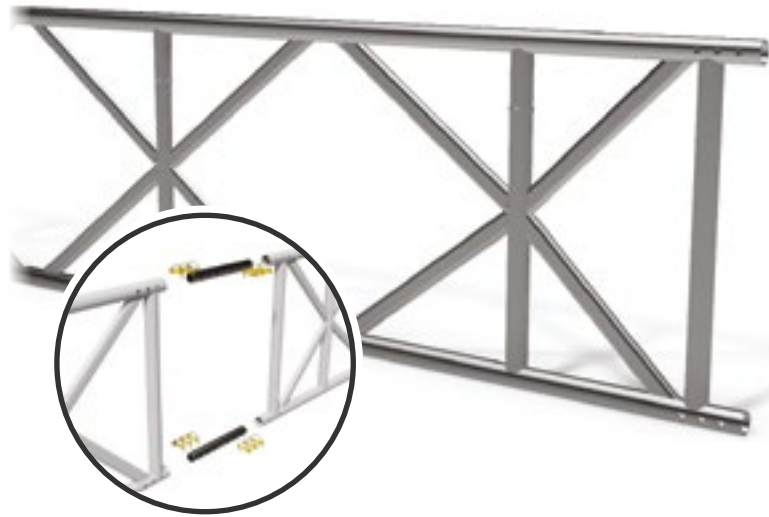
Brace with System or Tube and Fittings

Asterix HD beam depth enables use of system K 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.



Code	Description	Weight	BS EN 1999-1 (1.0m Restraints)	
			Perm. Shear	Perm. Moment
396055	1.33m x 0.55m Beam	6.33kg	46.6kN	102.7kNm
396100	1.33m x 1.0m Beam	13.33kg	46.6kN	102.7kNm
396200	1.33m x 2.0m Beam	22.60kg	46.6kN	102.7kNm
396400	1.33m x 4.0m Beam	41.13kg	46.6kN	102.7kNm
396900	8 Hole Spigot	1.44kg	-	-
277631	Spring Clip	0.03kg	-	-

Asterix 750 Beam



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The Asterix 750 beam is totally compatible with the Diamond Beam with superior capacity and also fits the X-beam (capacity not equivalent).

All chords and posts are manufactured in traditional scaffold tube size. Vertical posts are provided every 1m on all beam sizes.

The Asterix 750 beam also offers consistent node spacing when multiple beams are joined. The node points are spaced to allow connection of a standard scaffold fitting at any point.

- 18 degree, 12 degree and 6 degree ridge beams available.
- Consistent diagonal node spacing when multiple beams are joined.
- Closed end beams so whole length can be used for support unlike other 750 beams where end support has to be set in 0.5m each side, effectively wasting 1m of beam each time.
- Joined using simple spigots and quick release spring clips.
- Suitable for use with Temporary Roofing Systems.

Conforms to BS EN 1999-1-1 Eurocode 9

Code	Description	Weight	BS EN 1999-1 (1.0m Restraints)	
			Perm. Shear	Perm. Moment
397010	1.0m x 750m Beam	6.94kg	37.5kN	41.3kNm
397020	2.0m x 750m Beam	12.72kg	37.5kN	41.3kNm
397030	3.0m x 750m Beam	18.49kg	37.5kN	41.3kNm
397040	4.0m x 750m Beam	24.27kg	37.5kN	41.3kNm
277501	6 Hole Spigot	2.00kg	-	-
277631	Spring Clip	0.03kg	-	-

X-Beam



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Generation X-Beams are a high strength and high quality alternative to conventional methods. Specially designed for capacity and lightness X-Beams are the safe, labour saving alternative. Suitable for all applications such as crash decks, spine beams, temporary bridges, large span temporary roofs and suspended scaffolds.

Available for both hire and sale they provide a cost effective solution for any application saving erection time and mechanical Handling. Beams are erected quickly and more safely where possession times are critical.

Its strength and self-weight allows less associated equipment in the structure.



Conforms to BS EN 1999-1-1 Eurocode 9

Code	Description	Weight	BS EN 199-1 (1.0m Restraints)		BS EN 1999-1 (1.0m Restraints)	
			Perm Shear	Perm. Moment	Perm Shear	Perm. Moment
395001	1.0m x 750mm Beam	8.0kg	45.5kN	42.9kNm	44.0kN	33.0kNm
395003	3.0m x 750mm Beam	24.0kg	45.5kN	42.9kNm	44.0kN	33.0kNm
395004	4.0m x 750mm Beam	32.0kg	45.4kN	42.9kNm	44.0kN	33.0kNm
395010	Spigot c/w Nut and Bolt	0.69kg	-	-	-	-

D78 Beam



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- Higher load bearing capacities than other 78cm beams.
- 6 hole spigot improves strength.
- Available in 1,2,3,4,5 and 6m lengths from stock. 0.5m and 8mx0.78 and all 45cm versions available by special order.
- 18 degree, 12 degree and 6 degree ridge beams available.
- All chords and posts manufactured in traditional scaffold tube size.
- Vertical posts are provided each 1m on all beam sizes
- Consistent diagonal node spacing when multiple beams are joined.
- All node gaps large enough to connect a standard scaffold fitting.
- Additional node stiffener releases 'dead' area at end posts and improves strength.
- Joined using simple spigots and quick release spring clips.
- Suitable for use with Temporary Roofing Systems.



Conforms to BS EN 1999-1-1 Eurocode 9

Code	Description	Weight	BS EN 1999-1 (1.0m Restraints)	
			Perm. Shear	Perm. Moment
398010	1.0m Beam	6.34kg	31.6kN	38.8kNm
398020	2.0m Beam	11.63kg	31.6kN	38.8kNm
398030	3.0m Beam	16.92kg	31.6kN	38.8kNm
398040	4.0m Beam	22.21kg	31.6kN	38.8kNm
398050	5.0m Beam	27.50kg	31.6kN	38.8kNm
398060	6.0m Beam	32.79kg	31.6kN	38.8kNm
277501	6 Hole Spigot	2.00kg	-	-
277631	Spring Clip	0.06kg	-	-

780mm Aluminium Beam



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The 780 Aluminium Beam is high strength, low weight and has maximum versatility. The beam range has overall depths of 0.78m and comes in lengths from 2m to 6m.

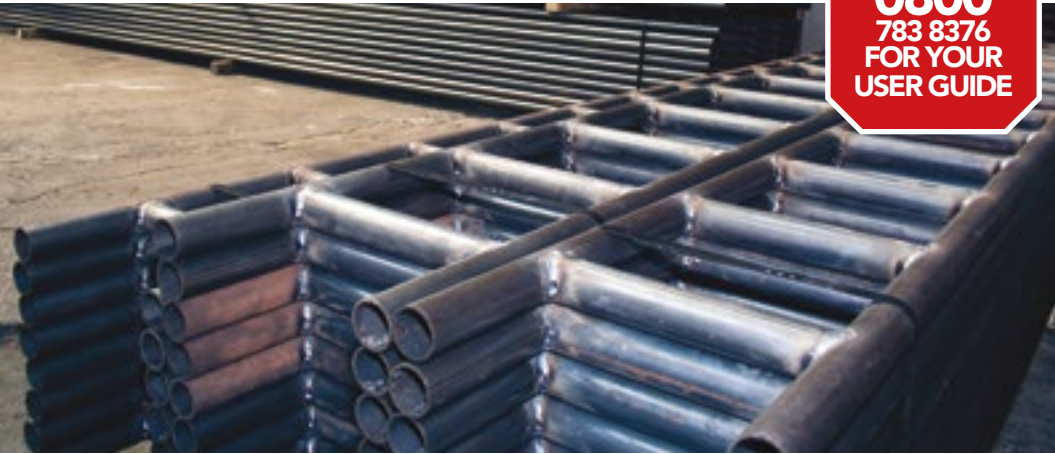
All member components are manufactured in traditional scaffold tube size and vertical posts are provided each 1m on all beam sizes. It also has consistent node spacing when multiple beams are joined, and node points are spaced to connect a standard scaffold fitting at any point.

The beam can be joined using the Generation Spigot Connector.



Code	Description	Weight	BS 8118	
			Perm. Shear	Perm. Moment
440007	3.0m x 780mm Beam	16.7kg	30.7kN	36.5kNm
440008	4.0m x 780mm Beam	22.0kg	30.7kN	36.5kNm
440009	5.0m x 780mm Beam	27.4kg	30.7kN	36.5kNm
440010	6.0m x 780mm Beam	32.7kg	30.7kN	36.5kNm
277501	6 Hole Spigot	0.08kg	-	-
440012	Nut and Bolt	0.01kg	-	-
277631	Spring Clip	0.06kg	-	-

Ladder Beams



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Steel Ladder Beams are an economical, versatile structural steel support beam available for hire or sale, fully compatible with traditional tube and fittings and used to enable clear spans to be constructed between adjacent scaffolding structures. Ideally suited to long term applications and used extensively on high level pavement gantries, heavy duty loading bays, cantilevered structures, temporary shores, truss out scaffolds and slung / suspended structures.



**Also Available
Galvanised and
Aluminium Ladder Beams**

Call your nearest branch for further details

Max moment are for spans over 3.7m

Code	Description	Weight	BS EN 1993-1 (1.0m Restraints)	
			Perm. Shear	Perm. Moment
055070	3.04mm x 310mm (10ft) Beam	31.7 kg	18.0kN	10.4kNm
055084	3.96mm x 310mm (13ft) Beam	11.63kg	18.0kN	10.4kNm
055075	4.87mm x 310mm (16ft) Beam	16.92kg	18.0kN	10.4kNm
055077	6.40mm x 310mm (21ft) Beam	22.21kg	18.0kN	10.4kNm

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 UK 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

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 Principle Components

Sheet Track

Code	Length
440035	2.0m
440036	3.0m

M12 X 60 Special Bolt and Nut

Code 440013

Horizontal Brace

Code	Length
440020	2.07m
440021	2.57m
440022	3.07m

Ridge Track

Code	Degrees
440032	15°
440033	18° (1.3m)

Sheet Tension Tube

Code	Length
440038	2.07m
440039	2.57m
440040	3.07m

Roller Brace

Code	Length
440029	2.07m
440030	2.57m
440031	3.07m

D78 Beam

Code	Length
398010	1.0m
398020	2.0m
398040	4.0m
397001	Spigot

45cm Beams

Code	Length
277490	6.1m
277499	4.1m
277500	8.1m

78cm Beams

Code	Length
440010	6.0m
440009	5.0m
440008	4.0m
440007	3.0m



Trax Compressor
Code 440125



Alloy Track Spigot
Code 440128



Ridge Track Securing Pin
Code 440016



Beam Spigot
Code 440011



Sheet Pulling Bar
Code 440043

K - Frame

Code	Length
40017	2.07m
440018	2.57m
440019	3.07m

Roof Sheet

10m to 45m in Lengths

Code	Length
440047	2.07m
440055	2.57m
440063	3.07m

18° x 78cm Ridge Beam

Code 440001

18° x 45cm Ridge Beam

Code 440002

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
580gsm	2.07m/ 2.57m/ 3.07m Wide 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 Wide 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.



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

Other widths and lengths are available to order.

Temporary Roof - Trax UB



Anti-uptift 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-uptift 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-uptift 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.



Universal Castor Attachment

Code 15006

Components



Trax UB Beam End Closer

Code 440099



Trax UB Beam End Joint Plate

Code 440100



Trax UB Beam

Code	Length
440101	2m
440102	3m
440103	4m



Boltless Girder Clamp

Code 440104



Bolt and Nut M16x40

Code 440105



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:-

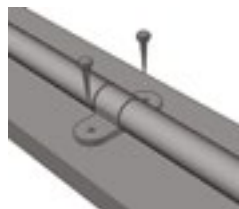
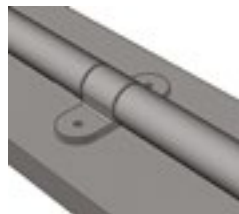
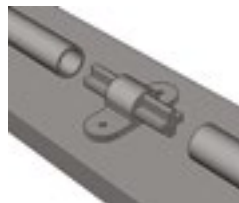
For horizontal gantries, beam assemblies and roofs.	3m c/c
For sloping structures i.e. temporary roofs	2m c/c

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.



Sheeting and Debris Netting

All Generation Hire and Sale branches are able to supply a large range of protective products to shield the work force and work place from the elements of the weather, dust and debris.

Monarflex Super T Plus

Monarflex Super T Plus is used for all types of long-term projects and is designed exceeding 12 months and conforms to BS7955:1999, BS8410:2007.

The combination of high quality components form a tough and durable sheeting option for very rough and extreme working conditions.

Firesmart option also available.



Code	Weight	Dimensions	Tensile Strength	Flame Retardant
046347	22.0kg	2.0m x 45.0m Standard	>630N/ 50mm	-
046348	34.0kg	2.0m x 45.0m FireSmart	>630N/ 50mm	LPS 1207 and 1215 Cert No. 572d

Monarflex Scaffband

Monarflex Scaffband can be used for all types of short term projects up to a max. duration of 6 months. The product is designed for normal weather conditions found in urban area with low rise buildings. Designed to be installed with the Monarflex Flexitie fixing.

By using Monarflex Scaffband Clear you can meet deadlines and avoid economical surprises regardless of the weather and be safe in the knowledge that it fulfils all relevant British Standards like BS 7955:1999 and BS 8410:2007.



Code	Weight	Dimensions	Tensile Strength	Flame Retardant
046343	19.0kg	2.0m x 45.0m	>630N/ 50mm	-
046344	28.0kg	3.0m x 45.0m	>630N/ 50mm	-

Monarflex Scaffband Flamesafe

Monarflex Scaffband Flamesafe is made from a three ply composition with the two outer layers being made from a weather resistant LDPE with flame retarder additives that encapsulates a strong multifilament polyester (PET) grid which forms the weather protection.

On top of the sheet there are fixing bands of super high strength weave with a double coating over the bands to provide high durability. The bands are in pre-set patterns and with pre-made holes per 100mm making it fit virtually any type of scaffold.

Conforms to British Standards like BS7955:1999 and BS 8410:2007



Code	Weight	Dimensions	Tensile Strength	Flame Retardant
046345	19.0kg	2.0m 45.0m	>630N/ 50mm	LPS1215 Cert No. 572D
046346	28.0kg	3.0m x 45.0m	>630N/ 50mm	LPS1215 Cert No. 572D

Sheeting and Debris Netting

Monoflex Airflow Flamesafe

Airflow Flamesafe is an exceptionally strong flame retardant containment netting specially developed for high and low rise locations where high winds are a significant risk.

Special open weave reduces the pressure build up on the Scaffolding structure in high winds and heat build-up during summer months.

UV resistant. Suitable for DigiWrap printing.

Tested to all relevant BS Standards.

Code	Weight	Dimensions	Tensile Strength	Flame Retardant
046295	166g +/- 7%	2.0m x 45.0m	Warp 900N/ 500mm Weft 1400 N/50mm	Yes



Monoflex Digi-Wrap

Digi-Wrap printing allows you to wrap any building in a powerful, highly visible message - from simple banners featuring your company logo to a full colour image creating a giant billboard.

- Fast production time of 2-3 weeks
- Minimum 6 month life of printed surface
- Sections are easily replaced if damaged



Powerclad Lite

- Effective weather protection and containment system
- Improves working environment and site safety
- Woven reinforcement with waterproof coating
- Excellent low-temperature characteristics
- Digital printing for branding opportunities
- Double banding which allows for better fixing and overlaps

Weight	Dimensions	Tensile Strength	Flame Retardant
170gsm	2.0 x 45m, 2.2 x 40m, 3.0 x 45m, 3.25 x 36m, 3.75 x 36m	Warp 500 N/500mm Weft 500 N/50mm	-



Powerclad Flame Retardant Sheeting

- Effective weather protection and containment system
- Improves working environment and site safety
- Woven reinforcement with waterproof coating and excellent low-temperature characteristics
- Digital printing for branding opportunities
- Certificated to BS 5867 Part 2B and BS 476 Part 12C

Weight	Dimensions	Tensile Strength	Flame Retardant
170gsm	2.0 x 45m, 2.2 x 40m, 3.0 x 45m,	Warp >630 N/50mm Weft >630 N/50mm	LPS 1215 Cert No 965B LPS 1207 Cert No 965A



Sheeting and Debris Netting

Acoustic Noise Barrier Flame Retardant Sheeting

Measurable noise reduction minimises environmental impact close to noise sensitive sites. Powerclad Acoustic Sheeting features a special sound absorbing foam which provides both thermal insulation and sound absorption. Also available to fit perimeter fence panels.

Compliant to BS7955

Weight	Dimensions	Tensile Strength	Flame Retardant
-	2.2m x 10m	-	EN13501-1 Class E



Insulated Sheeting Flame Retardant

Insulated sheeting incorporates cellular air cells which provide thermal insulation for improved working environments and those which require controlled atmospheres. It is widely used on projects where low temperatures and inclement weather conditions prevail. These materials are subject to minimum order quantities.

Compliant to BS7955

Weight	Dimensions	Tensile Strength	Flame Retardant
-	2.2m x 20m 2.7m x 20m	-	DIN 4102 B1



Filter Sheeting Flame Retardant

Closely woven air permeable mesh to contain debris and dust, dry out interior works, disperse paint solvents and air pressure during stone cleaning or shot-blasting. Filter sheeting is particularly recommended for exposed locations with high risk of wind acceleration.

Compliant to BS7955

Weight	Dimensions	Tensile Strength	Flame Retardant
-	3.12m x 50m	-	BS476 part 12C (complies with LPS 1215 sect 3.1.1)



Vented Sheeting/ Perimeter Mesh Fencing

A more open weave than filter sheeting, Vented Sheeting provides higher air permeability. It is used to dry out interior works and disperse paint solvents and air pressure during stone cleaning or shot-blasting. It is also suitable as perimeter mesh fencing as it reduces wind forces on the fence. Also available in black for outdoor events and can be printed for corporate branding.

Compliant to BS7955

Weight	Dimensions	Tensile Strength	Flame Retardant
-	1.76m x 50m 2m x 45m	-	BS476 Part 12C (complies with LPS 1215 Sect 3.1.1)



Sheeting and Debris Netting



Custom Printing

	Colours	Minimum Order	Print Area
Flexoprint - Repeat logo on scaffold sheeting and meshes For projecting effective corporate branding. Largest print area in the industry	Standard 1 or 2 colour printing	30 rolls	Max Width 1070mm Max Height 730mm Repeats 1270mm
Digiprint - Large logo on scaffold sheeting and meshes Wide format printing on scaffold sheeting and mesh. Ideal for promoting a development or project.	Full-colour printing	No minimum order quantity	Unlimited
Digiprint - Very large building wraps on PVC Wide format printing on PVC sheeting or open mesh to any size.	Full-colour printing	No minimum order quantity	Unlimited

Sheeting and Debris Netting



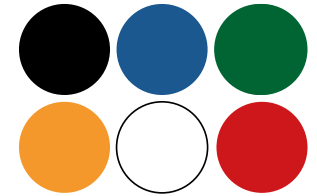
Fine Mesh Debris Netting

- Available in a range of colours in sizes 2m x 50m and 3m x 50m
- Flame retardant and fully certificated by the BRE to the LPCB Standard LPS 1215. This option is available in two colours White with Red bands and Blue with White bands. Both contrasting bands denoting its conformity.

Generation concentrate on only supplying high quality, long life debris netting. Beware of inferior netting.

Generation's sheeting and debris netting meets and exceeds all relevant EN and BS Standards.

Colours Available



Sheeting and Debris Netting Ties



Code 046340

Cable Ties

For use with Debris netting.

100 ties per pack.

1 Pack per roll.



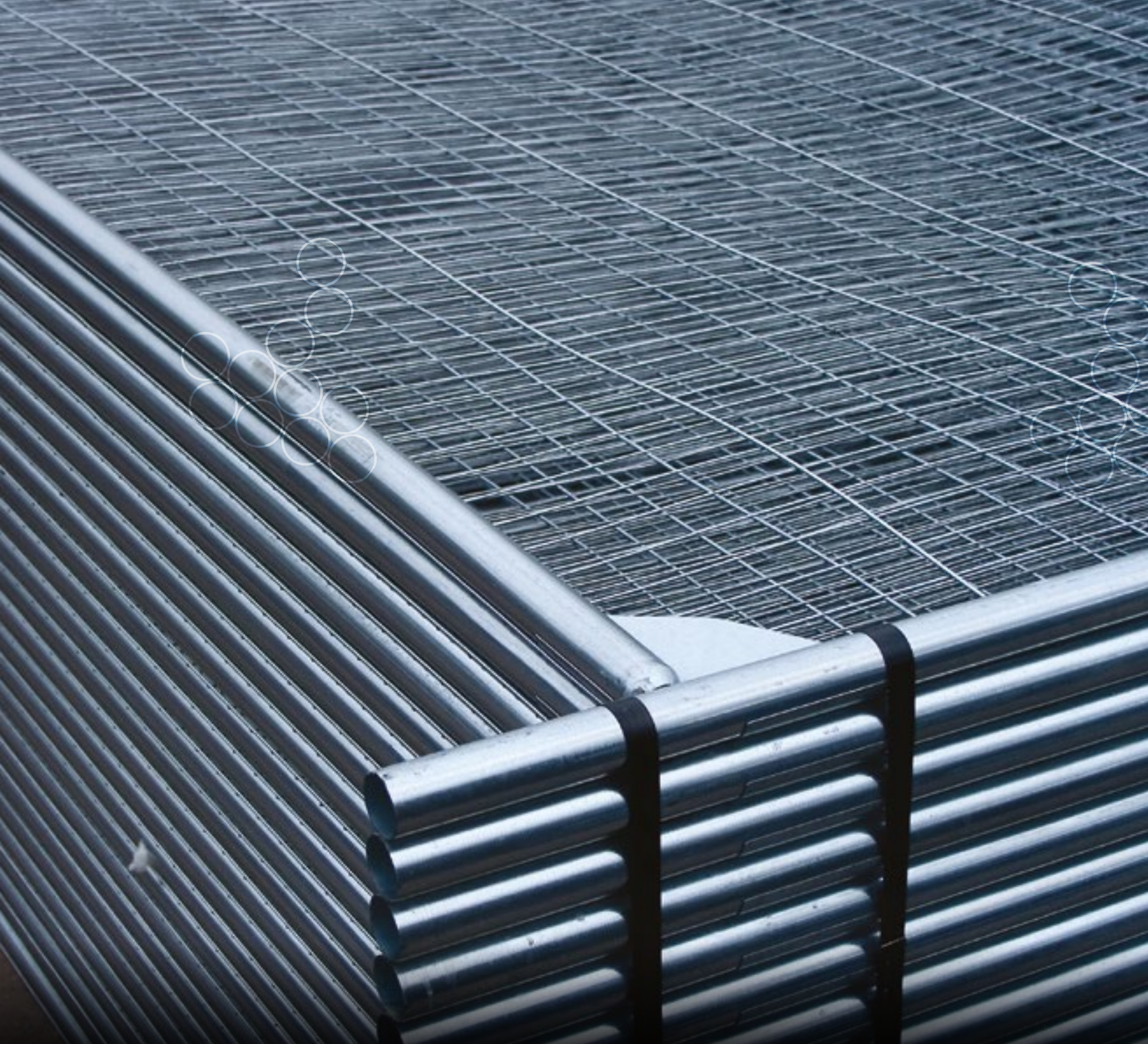
Code 046340

Flexitie

For use with Scaffband and Tri-Flex Sheeting.

100 ties per pack.

1 Pack per roll.



Temporary Fencing and Hoarding

Temporary Security

Fencing

Fencing Accessories

Pedestrian Barriers

Hoarding Panels

Hoarding Accessories



Customer Portal

Max. Wind speed
Site Side

21.46Mph
9.59 m/s



Max. Wind speed
Open Side

21.46 Mph
9.59 m/s

Ballast Weight: 0kg

The newly developed Customer Portal has been created in order to ensure the right choice of product is selected for your site application.

Document Store

Here is where Generation's Sales Team are able to access the document database and equip you with all the information you need including technical drawings and installation guides.

Product Wind Resistance Calculator

Another key feature of the portal is the Product Wind Resistance Calculator which allows us to check what wind speeds different panels and stabilisation systems can resist before they reach their 'Limit of Stability' and become unstable.

When using the Product Wind Resistance Calculator it is important that you provide Generation with site specific information using the Site Survey form. Once the site specific wind speed has been obtained the Product Wind Resistance Calculator can be used to configure a panel and stabilisation system to match those conditions.

The Product Wind Resistance Calculator has been designed so that the wind resistance of the products can be found at any position along the installation of the panels, whether it is the end of a line of panels or in the centre of the installation.

Note: It is essential that you utilise the Product Wind Resistance Calculator when ordering either Fencing or Hoarding from Generation. Please contact your nearest branch for further guidance.

Temporary Security Fencing



Securely Welded Together: All panel frames are welded together using Smartweld technology. Horizontal tubes are swaged prior to welding to maximise welding area giving maximum strength and durability.

100% Stronger: All frame styles can be enhanced with with corner webs for increased strength and longevity.

100% Tested: Every Smartweld panel is weld tested at the tubular joints during the manufacturing process. Tested with a force equal to 500 kg this ensures only the best panels are delivered by Generation.

100% Traceable: Once tested each panel is permanently etched to provide proof of testing with the date and time of manufacturing.

100% Strengthened: Mesh is pretensioned then welded at every intersection between wire and tube for added strength and rigidity.

Branding Available: Panels can be branded with the your name automatically during the manufacturing process.



Temporary Security Fencing



Heavy Duty Round Top Anti-Climb Panel

High quality fence panels with rolled corners for extra strength. Base corners are strengthened with Smartweld corner plates. Full HS(G)151 compliant with anti-climb mesh.

Code	Height	Width	Frame Diameter	Mesh Vertical	Weight
369042	2000mm	3450mm	38.1mm Vertical 38.1mm Horizontal	40 x 262mm	16.0kg



Light Duty Anti-Climb Panel

Full HS(G)151 compliant with anti-climb mesh.

Code	Height	Width	Frame Diameter	Mesh Vertical	Weight
369042	2050mm	3450mm	38.1mm Vertical 38.1mm Horizontal	40 x 262mm	13.6kg

Temporary Security Fencing



Heavy Duty Anti-Climb Panel (with corner brackets)

Ultimate fence panel with reinforced corners for high durability. Full HS(G)151 compliant with anti-climb mesh.

Code	Height	Width	Frame Diameter	Mesh Vertical	Weight
369040	2025mm	3450mm	38.1mm Vertical 38.1mm Horizontal	40 x 262mm	16.3kg



Heavy Duty Anti-Climb Panel (without corner brackets)

Strong, robust and fully welded for strength. Full HS(G)151 compliant with anti-climb mesh.

Code	Height	Width	Frame Diameter	Mesh Vertical	Weight
369035	2025mm	3450mm	38.1mm Vertical 38.1mm Horizontal	40 x 262mm	15.8kg

Temporary Security Fencing - Accessories



Generation has a comprehensive range of accessories to compliment our systems that help improve handling, stability, security and that all important corporate image.

Fence Stillage

Holding a minimum of 30 panels our fence stillage is the ideal accessories to protect and safely transport your fence panels.

Code 369000



369048 Fence Coupler



369421 Gripper Coupler



369054 Lockable Coupler



369055 Spanner



369047 Concrete Foot
140 x 675mm



369046 18kg Hi-Vis Plastic Foot
122 x 770mm



369106 Zero Trip Stabiliser Base



369049 Anti-Lift Device



369100 Fence Stabiliser



369109 Stabiliser Cross Brace



369110 Stabiliser with Cross Brace



369107 Zero-Trip Cranked Stabiliser



369429 390kg Concrete Block
432 x 1116mm



369428 780kg Concrete Block
870 x 1116mm



369408 Stabiliser Pin

Temporary Security Fencing - Accessories



369444 Windbreaker Zero-Tip Foot



369443 Windbreaker Bottom Tube



369442 Windbreaker Block Tray



369113 Barbed Wire Extension



369009 Caster Wheel Assembly



369114 Anti-Climb Extension Panel



369101 Gate Hinge



369104 Reflective Board



369112 Barbed Wire Bracket - Round Top



369056 1m Anti-Climb Round Top Ped Gate c/w Hinge



369057 4.2m Anti-Climb Round Top Vehicle Gate Latch and Hinge. Each gate is 2.1m Width

Pedestrian Barriers



2.3m Fixed Leg Barrier

Light weight, copper welded galvanised Barrier with extra strength fixed legs, now 2.3m for increased stability, ideal for use in all crowd and traffic demarcation. Fast to assemble and very rigid. Can be powder coated Also available in 2.5m.

Code	Dimensions	Weight
368009	Galvanised Barrier H: 1100mm x W: 2266mm	10.6kg
368010	Powder Coated Barrier H: 1100mm x W: 2266mm	10.6kg



2.3m Standard Barrier

Detachable foot galvanised barrier which can be used with either a double flat foot to reduce trip, a thermo plastic or concrete foot. Strong and versatile, and fully interlocking.

Code	Dimensions	Weight
368008	H: 1100mm W: 2269mm	9.2kg



Police Barrier

The only barrier in the range that has been designed specifically to control crowds at public gatherings such as film premiers, music festivals and carnivals. The barrier is constructed from heavy duty materials then Hot Dip Galvanised to prolong the life of the product.

Code	Dimensions	Weight
Sale Only	H: 1060mm W: 1450mm	26-28kg



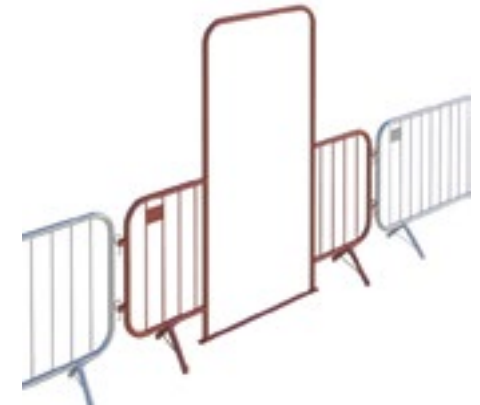
Pedestrian Barriers



2.5m Fixed Leg Walk Through Barrier

Manufactured to a high standard and made to match our Fixed Leg Pedestrian Barriers. This barrier has all of the good looks of our barrier range and is also interchangeable with standard barriers as it is exactly the same width.

Code	Dimensions	Weight
368005	H: 2478mm W: 2135mm	24kg



2.5m Fixed Leg Walk Through Barrier with Gate

Easy walk through pedestrian barrier door, serves as an entry/exit point in a fixed foot pedestrian barrier. Comes in a red colour to enhanced visibility.

Code	Dimensions	Weight
368011	H: 2143mm W: 2258mm	30kg



Pedestrian Barriers



Evo Barrier

The Evo Barrier range consists of two design sizes that can be fully interlocked into each other allowing a fully versatile variable height barrier system and stackable for easy storage and transportation. Barriers can be water filled or for a more permanent requirement sand filled and can be assembled with ease. They are designed to create a solid wall leaving no gaps between each barrier when linked together. Extension mesh must be ordered at the time of Evo Barrier order for holes to be put in place. Supplied in packs of 32 or 64.

Code	Description	Length	Height	Width	Qty per Pallet	Qty per full load
369510	1m Evo Barrier	1000	555	400	24	650
369515	1.5m Evo Barrier	1500	555	400	24	430
369512	11.2m Evo 80 Barrier	1200	800	40	12	350

Avalon Roadside Barrier

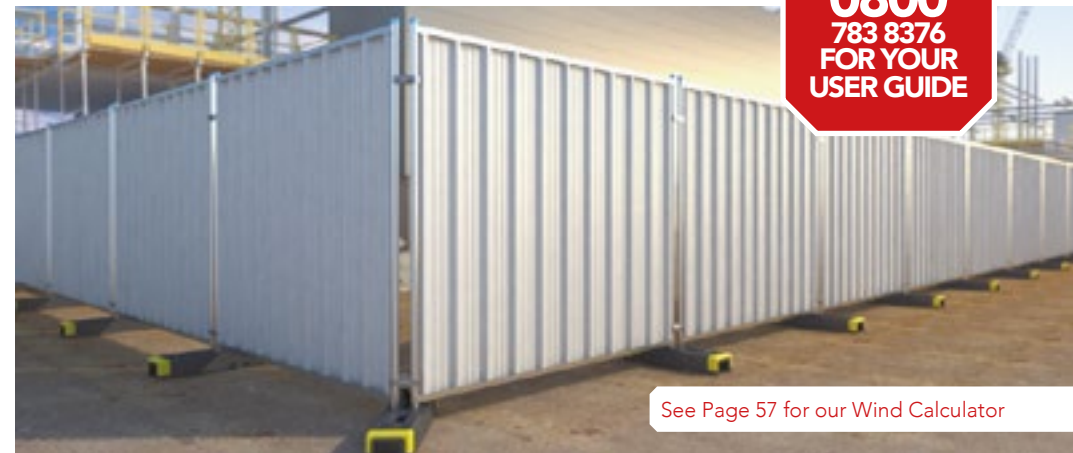
Complies with BS 7818 specification for pedestrian restraint systems making it ideal for event management and pedestrian control usage.

- Linking system design creates secure joints on even or uneven ground, over kerbs, up slopes and across rough terrain
- Unlocked or locked mode configurations prevents unauthorised dismantling
- Constructed from tough, high density polythene
- Designed for secure stacking and easy transportation
- Non-trip barrier also available
- Compliant with Chapter 8 Street works



Code	Description	Weight
369430	H: 1m x W: 2m	10kg

Hoarding Panels



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See Page 57 for our Wind Calculator

Heavy Duty Steel Hoarding Panel

Generation Heavy Duty Steel Hoarding Panels is a quickly and simply erected to form a solid, secure panel system. The perfect solution for prevention of unauthorised access, perimeter fencing and privacy requirements.

Galvanised panel finish (powder coating also available).

Generation recommend the use of Gripper Coupler (369421) with Hoarding Panels. Alternative thickness's also available, please contact your nearest branch on **0800 783 8376**.

Code	Description	Height	Length	Weight
369419	0.5mm Hoarding Panel	1980mm	2140mm	25.3kg
369424	0.7mm Hoarding Panel	1980mm	2140mm	30.0kg



Hoarding Vehicle Access Gate

Galvanised panel finish.
Powder coating also available.

Code	Height	Length	Weight
369402	1980mm	4330mm	125kg



Hoarding Pedestrian Gate

Galvanised panel finish.
Powder coating also available.

Code	Height	Length	Weight
369415	2130mm	1205mm	40kg

Hoarding Panels Accessories



369421 Gripper Coupler



369054 Lockable Coupler



369055 Spanner



369046 Hi-Vis Thermo Plastic Foot



369403 Hoarding Stabiliser



369445 Hoarding Stabiliser with Cross Brace



369107 Zero-Trip Cranked Stabiliser



369466 Hoarding Stabiliser Brace



369049 Anti-Lift Device



369416 Scaffold to Hoarding Coupler



369097 Hoarding Block Retaining Bracket



369106 Zero-Trip Stabiliser Brace



369429 390kg Concrete Block



369428 780kg Concrete Block



369411 Galvanised Infill Skirt



369405 Galvanised Infill Sheet



369404 Rear Hoarding Block Tray



369442 Windbreaker



369443 Windbreaker Bottom Tube



369444 Windbreaker Zero-Trip Foot



369427 Hoarding Mesh Extension



369440 Hoarding Stillage

Generation Export Services



Generation's Export Division can provide quality British standard compliant scaffolding equipment anywhere in the world. As a leading supplier and member of the Altrad group of companies, we deliver the full range of traditional and modern Scaffolding and System products and solutions to where you need them.



We take care of sourcing, loading, documentation, shipping and transportation and Certificates of Compliance and Conformity to ensure a reliable 'one-stop' shop solution for all your scaffolding and construction needs.

Ladders and Staging

Ladders

Ladder Safety Products

Stagings

Spandeck Walkway System



Scaffold Ladders



Tuffsteel Ladders

Certified to BS EN131 and tested to Class 1 strength criteria. With aluminium zinc for maximum corrosion resistance which improves overall finish, prevents chipping and flaking of the paint and protects from inner corrosion. Kitemark Licence No. KM34154.

Code	Length	Weight
309011	3.0m	10.0kg
309012	3.5m	11.0kg
309013	4.0m	18.0kg
309014	5.0m	23.0kg
309015	6.0m	28.0kg
309016	7.0m	32.0kg
309017	8.0m	37.0kg



Heavy Duty Timber Ladders

Scandinavian white wood stiles tapered, with selected hardwood rungs at 250mm (10") centres. Finished with two coats of ladder preservative. Half sized ladders also available.

Code	Length	Weight
308047	3.0m	10.0kg
308019	4.0m	14.0kg
308011	5.0m	18.0kg
308012	6.0m	22.0kg
308020	7.0m	26.0kg
309017	8.0m	30.0kg
308039	9.0m	34.0kg
308037	10.0m	38.0kg



Ladder Safety Products

Ladderguard

The ideal deterrent to the unauthorised use of site ladders.

Made from 2.5mm aluminium sheet the Ladderguard is 1140mm long by 250mm wide and comes complete with warning sticker attached.

Ladderguard quickly locks in position on the ladder, using padlock supplied.

Code	Dimensions	Weight
047500	H: 1140mm W: 250mm	5.0kg



Ladder Access Trapdoor

The Ladder access trapdoor hinges over ladder scaffold apertures preventing falls from exposed openings. BSEN 12811

Code	Dimensions	Weight
048063	H: 585mm W: 710mm	8.0kg



Reversible Handrail Safety Gate

Generation's Reversible Handrail Safety Gate is made to hang from either the left or right side with integral toeboard protection. The gate comes fully electroplated before being powder-coated for high visibility and spring loaded for added safety and efficiency.

Code	Dimensions	Weight
048061	H: 1020mm W: 570mm	9.0kg



Ladder Clamps

Developed for the safe and secure fitting of all ladder types from steel, timber or aluminium ladders to scaffolding.

Very quick and easy to use with no special tools required as the device can be tightened securely using a standard scaffold spanner.

Code	Dimensions	Weight
045039	-	0.44kg



Stagings

Aluminium Stagings

- Purpose designed stagings to provide strong and stable platform for use in scaffolding applications
- Standard lengths from 2.4m to 7.2m
- Aluminium box section stiles and cross bearers
- Combi-board decking, and rubber inserts to underside, to prevent movement
- BS2037 certified: Supports 270kg distributed load

Length	450mm Wide		600mm Wide	
	Code	Weight	Code	Weight
2.5m (8'00")	308200	13.0kg	307006	14.0kg
3.0m (10'0")	308201	15.0kg	307007	16.0kg
3.6m (12'0")	308202	17.0kg	307005	18.0kg
4.2m (14'0")	308203	21.0kg	307001	23.0kg
4.8m (16'0")	308204	28.0kg	307002	30.0kg
5.4m (18'0")	308205	30.0kg	307004	32.0kg
6.0m (20'0")	308206	34.0kg	307003	36.0kg
6.6m (22'0")	308209	40.0kg	307008	43.0kg
7.2m (24'0")	308208	43.0kg	307009	46.0kg

Handrail Brackets

These Hand Rail Brackets have been designed for use with 450mm or 600mm stagings using just tubular alloy brackets, the handrail securely clamps onto stagings. Fittings are adjustable to allow use of scaffold boards for toe boards and scaffold tube for handrails.

Code	Dimensions	Weight
308045	450mm Handrail Bracket	3.8kg
307045	600mm Handrail Bracket	4.0kg

Universal Handrail Brackets

- Fits all sizes of LFI stagings, ANY width and ANY length
- Fitted with lock-jaw clamps to provide quick, strong fitting
- Adjustable fittings included to allow for various sizes of tube including standard scaffolding
- Toe-board clip to accommodate various sizes of board including standard scaffold plank

Code	Dimensions	Weight
309413	Universal Handrail Bracket	3.8kg



Aluminium Access

Aluminium Extension Ladders

- BS 2037 Class 1
- Available as single, double or triple section ladders
- Rope operated versions also available
- Single section ladders up to 9.0m
- Double ladders extending to 11.0m
- Triple ladders extending to 14.5m
- Locking catch standard on all push-up ladders



Swing Back Steps

- BS2037 Class 1 Aluminium Builders Steps
- Available in Platform heights of 1.0m/1.2m/1.5m/1.7m/1.9m/2.4m/2.9m/3.3m
- Channel Section Stiles
- Box section back legs
- Wide, non-slip treads at 250mm centres double riveted
- Hinged locking stays



Industrial Platform Steps

- BS2037 Class 1 Aluminium Platform Steps
- Available in Platform heights of 1.2m/1.4m/1.6m/1.9m/2.3m/2.8m
- Channel Section Stiles
- Wide, non-slip treads at 250mm centres double riveted
- Hinged locking stays
- Large platform - 415mm x 245mm



Surveyors Ladder

- Available in lengths of 2m/3m/4m
- 1m section fits into car boot
- Aluminium spigots allow easy assembly
- Conforms to strength requirements of BS EN 131
- Aluminium box section stiles, with triangular rungs at 250mm centres



Roof Ladders

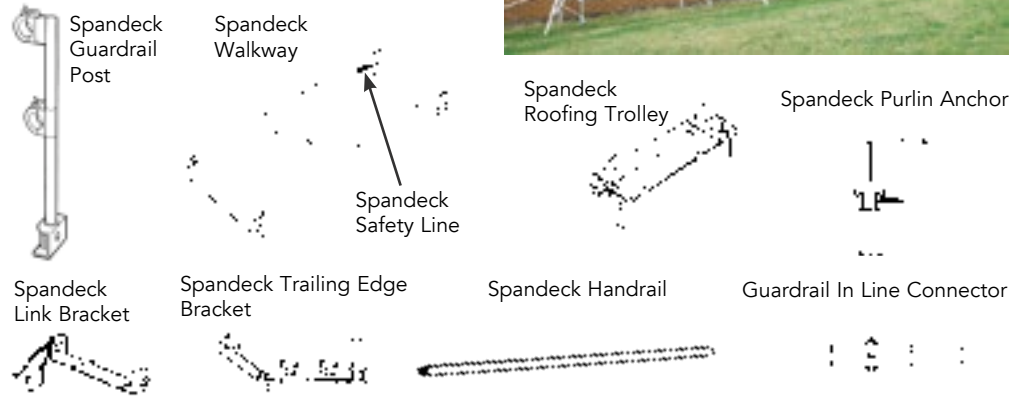
- Aluminium box section stiles, with triangular rungs at 250mm centres and PVC covered bearer bars
- Available in the following lengths
 - Single Section: 3.6m/4.1m/4.6m/5.1m/5.6m
 - Extension: 1.0m/2.0m
 - Extending Roof Ladder: 3.6m closed, 5.9m extended
- Strong wheeled ridge hook assembly
- Conforms to strength requirements of BS EN 131



Spandek Walkway Systems

Generation Spandek is a lightweight aluminium walkway bridge, work platform and staging system in one versatile unit for indoor and outdoor locations.

High strength aluminium alloy construction ensures that Spandek is lightweight and maintenance free whilst integral toeboards enable it to be used safely as a walkway. Guardrail posts and guardrails are fitted to provide a safe working environment. Before using the below Safe Working Load's, check that the support structure can safely carry these loads.



Code	Description	Deck Length	Width	Weight	Safe Working Load
307515	12' Spandek Walkway	3.7m(12')	600mm	30kg	900kg Distributed
307516	16' Spandek Walkway	5.0m(16')	600mm	39kg	675kg Distributed
307526	18' Spandek Walkway	5.5m(18')	600mm	43kg	600kg Distributed
307520	20' Spandek Walkway	6.1m(20')	600mm	47kg	640kg Distributed
307524	24' Spandek Walkway	7.3m(24')	600mm	55kg	450kg Distributed
307500	Handrail	-	-	5.0kg	-
307510	Guardrail	-	-	5.0kg	-
307511	Link Bracket	-	-	5.0kg	-
307512	Purlin Anchor	-	-	2.0kg	-
307513	Roofing Trolley	-	-	8.6kg	-
307514	Trailing Edge Bracket	-	-	7.0kg	-
307612	12' Horizontal Safety Line	-	-	2.0kg	-
307616	16' Horizontal Safety Line	-	-	2.5kg	-
307620	20' Horizontal Safety Line	-	-	3.0kg	-
307624	24' Horizontal Safety Line	-	-	3.5kg	-

Generation Training Services



Generation Training are PASMA, IPAF and Ladder Association accredited training providers for Mobile Access Towers, Low Level Access Platforms, Mobile Elevating Work Platforms (MEWPS) and Ladders and Steps. With the full range of Scaffolding, Safe Work at Height and Health & Safety courses available we can work with you to equip your team with the skills they require.

When you hire and buy from us, ask how we can support your training needs.



Safety Products

Safety Harness

Brickguards

Fall-Pac soft Landing Bags

Safeguard Roof Edge Protection



Safety Harnesses



Generation Harnesses provide greater comfort and added safety whilst working at height. They provide maximum comfort, freedom of movement and ease-of-use leading to increased confidence, productivity and versatility on the job.

**Full Range of Safety Harnesses Available.
Please Contact Your Local Branch.**



Brickguards

Plastic Brickguards

- Manufactured from UV Stabilised high grade Polypropylene
- Compliant to BS EN 12811-1 and TG2013
- Durable, lightweight with longer life expectancy
- Size 1219 x 864mm
- Easy to stack 'flatpacks'
- Does not fracture or break
- Secured using Cable Ties

Code	Description	Weight
045095	Blue Plastic Brick Guard	1.27kg
045096	Green Plastic Brick Guard	1.27kg
045097	Yellow Plastic Brick Guard	1.27kg
045098	Red Plastic Brick Guard	1.27kg
045099	Black Plastic Brick Guard	1.27kg

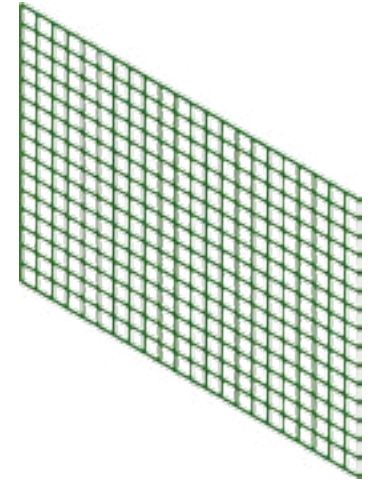
* Handles available below

Plastic Brickguards with Detachable Handles

Manufactured to BS9100 standards, the Plastic Brick Guard is designed to improve the safe-working environment of any working platform.

- Durable, light weight with a long life expectancy
- Easy to stack 'flatpacks' with detachable handles
- Full range of colours available as well as incorporating corporate logos
- Secure to guardrail using plastic handles or cable ties

Code	Description	Weight
045100	Black Plastic Brick Guard	1.0 kg
045101	Plastic Coloured Brickguard	1.0 kg
045105	Black Handle	0.03kg
045106	Coloured Handle	1.27kg



Galvanised Brickguards

Conforms to BS EN 12811 and TG20 requirements - Heavy Duty weld mesh



046013 Swivel Hook Brickguard

046012 Plastic Coated Brickguard

046011 Economy Brickguard

046014 Anti-Tangle Brickguard

Fall-Pac Soft Landing Bags



The Generation Fall-Pac soft landing system is designed to meet the requirements of the falls from height hierarchy of safety for fall protection by arresting falls of over 2.8 metres in standard storey height dwellings. The system can be used to protect workers fixing first floor joists and then simply moved up to the next level as required.

Compliance

The Fall-Pac soft landing system complies with the Work at Height Regulations 2005 to reduce the risk of injury from falls up to heights of 2.8 metres. Falls from these heights, traditionally account for the largest number of injuries on building sites and any system that can reduce this risk must be seriously considered.

Design

What makes the Fall-Pac system your best choice is that it has been designed to be both practical and hard wearing. It can be used over and over again. By adding another layer, the maximum fall height can be increased to a height of 3.5m.

Impact Testing

The Fall-Pac modular impact cushioning system has been fully independently tested at Health and Safety Laboratories who carried out over 30 impact tests. A full report is available on request.

Recycling

Generation are mindful off the correct and efficient disposal of Fall Arrest equipment and will take away any filled bag once they have reached the end of their life. Please call your nearest branch for further details.

Features and Benefits

- Simple to install
- Reduces injury from falls
- Reduces fall height to within current 2.0m legislation
- Approved by safety officers
- Build time saving
- Extremely light - within current HSE weight legislation
- Durable long life
- Maintenance free
- Virtually unaffected by weather conditions
- 100% recycled materials
- Low cost per plot
- Interlocking
- Can be used for other applications
- Length - 2500mm x 644mm

Code	Description	Weight
049010	2.5m x 0.644m Fall-Pac Soft Landing Bag	6.0kg

Fall-Pac Soft Landing Bags

Vehicle Trailer Falls

A simple solution

Falls from trailers are a common problem on-site. Fall-Pac offers a simple, easy way to protect against falls, one that takes just minutes to put together.

Flexible

Their robust, lightweight structure means they can be used anywhere, anytime, then stored away once they've served their purpose.

Complete protection in minutes

A typical flat bed uses around 40 bags, clipped together to prevent the possibility of falling between them - a common fault with other "lorry bags"

Minimising delay - Maximising safety

Units are light in weight and easy to install so minimising delays to work schedules. Once the work is completed the units can be easily transported to the next task.



Fall-Pac TS2 Transport Safety System

Fall-Pac's TS2 (lorry Bag) unit is the perfect solution for unloading and loading vehicles. The revolutionary new system TS2 ensures the safety of personnel and cargo alike. With its unique interlocking system the TS2 can have as many modules connected or as few, this is all dependent upon the situation in which it is being installed.

The benefits of TS2 is that once it is in place it adds another 2.5 metres to either side of either your trailer or your dock leveller. This then gives additional surface coverage which subsequently gives personnel additional footage space which in turn will eliminate or drastically reduce the amount of stumbles, trips and falls from all application points.

TS2 Size and Dimensions

The TS2 lorry bag covers an area of 4.5Sq. If this solution is to be used around a 40 to 44ft trailer (either curtainsider or flatbed trailer) the requirement of 3 to 5 per side with 2 at its foot. This then gives an additional 2.5 metres around the whole of the trailer and gives ultimate safety feature, which is also moveable.



Code	Length	Width	Height	Weight
Sale Only	2500mm	1800mm	1300mm	39.0kg

Safeguard Roof Edge Protection

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The totally versatile, safe and easy to assemble temporary roofing guardrail system that saves you time and money. Using standard scaffold tubes it provides the most cost effective solution for a professional guardrail.

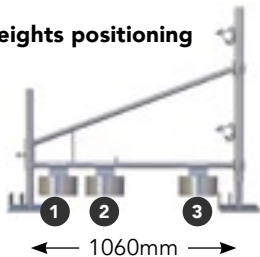
Adjustable front and back legs ensure that guard rail is positioned at the correct height. When installed individual legs can be raised to accommodate felt laying and dressing with a facility for toeboards built in.

Generation's Safeguard System is approved to the Class A requirements for sloping roofs less than 10 degrees and additionally, as an added safety measure, we have tested and fulfilled the Dynamic Load Test to Class B of BS EN 13374:2004 to give further confidence for example, in the event of a person stumbling into the barrier.



Code	Description	Weight
369300	Safeguard Frame	17.0kg
369301	Safeguard 25kg Weight	25.0kg

Weights positioning



- 1 Used for all bays
- 2 Used for all end frames
- 3 Used for all end frames
If the slope is $>3 / \leq 9^\circ$

Generation Access Services



Specialist branches supply a full range of modular aluminum access towers, low level and safe access solutions.



Builders Products

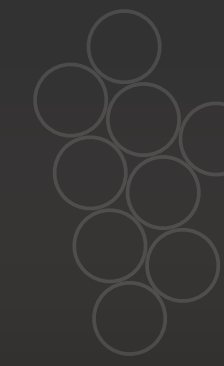
Ground Guards Ground Protection

Props and Trench Struts

Road Plates and Road Forms

Trestle Handrail System

Q-Clamps



Ground Guards



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Ground-Guards provides temporary ground protection, traction and access over sand, mud, marshy areas whilst protecting your personnel, equipment, vehicles and turf.

It is a simple and very easy to use system. When locked in place Ground-Guards form temporary roadways and car parks for vehicles and trucks as well as solid surfaces for events, drilling, civil engineering and other industrial applications.

- ✓ Lightweight mats are easy to move around using the Handy-Hook and easy to lay by hand
- ✓ Quickly connect together using No-Tools joiners
- ✓ Life time guarantee against breakage by vehicles up to 120 tonnes (conditions apply)*
- ✓ Eliminate cost of continually replacing slippery splintered plywood boards
- ✓ Super tough 100% recycled poly-ethylene plastic 1/2" thick – flexible enough to conform to ground contours

Relocatable roadway gives rapid site access

A Ground-Guard trackway is the smart solution for your rapid site access requirements. It protects your ground and turf, minimises reinstatement costs, prevents vehicles getting bogged down, keeps your jobs on schedule, and keeps your workers SAFE!

Why get bogged down without Ground-Guards?

Weighing only 39kg, the panels can be installed by hand without a crane lorry, yet are so tough that they are guaranteed unbreakable by vehicles up to 120 tonnes making them ideal for manoeuvring heavy equipment around on site with minimal disturbance to the turf.



460011 Double Joiners **460012** Single Joiners **460013** Ground Anchors **460014** Handy Hook

Ground Guards

How to avoid damaged turf

Planning the use of Ground-Guards into your job before you start can save you from ruining your turf, and the extra safety that they provide could also save someone from having a serious accident.

Ground-Guards feature a patented diamond design giving the maximum traction in the wet and dry as well as reducing sideways movement and slippage. They have now become recognised as standard equipment for use on many sites. This is largely due to the fact that they are virtually indestructible.

The use of a geo-textile membrane is recommended where the ground guard will be used in very wet conditions, long term applications or where heavy vehicles will be used.

1 Load of Ground-Guards = 32 loads of stone!

A large artic lorry can hold 500 Ground-Guards. Enough to make a 600m roadway.

To do that in stone, 3m wide and 250mm deep requires excavating and shifting 450m³ of earth and bringing in approximately 32 x 25 tonne lorry loads of stone. Then reversing the whole process afterwards.

64 lorry journeys compared to 2 for Ground-Guards!

Code	460010
Core Thickness	14mm
Width	1217mm
Length	2433mm
Weight	39kg
Load Rating	Unbreakable by vehicles up to 120 tonnes*
Material	100% recycled HDPE. Resistant to acids, alkalis and solvents
Traction	Patented ribbed tread pattern provides extra traction and stiffness, without additional weight

*Ground-Guards are guaranteed when used by vehicles up to 120 tonnes. The guarantee does not extend to damage caused by lifting the Ground Guard by mechanical means or damage due to misuse. Note, it is the customer's responsibility to assess the load bearing capacity of the ground and determine what weight of vehicle it is capable of safely supporting. Traversing of Steel tracked vehicles will damage the tread of the Ground Guard and may result in damage charges. To prevent damage, the Ground Guard should be laid pedestrian side up if steel tracked vehicles are to be traversed. Operation in straight lines is permitted.



Adjustable Steel Props



Manufactured to BS4074:1982 and tested to BS5507-3:1982, Generation's Adjustable Steel Props are designed to support a range of formwork and falsework applications, floors, ceilings, openings and temporary beams.

Outer tube: 60.3mm Dia / Inner tube of 48.3mm Diameter.

Head and Base Plates: 150x150x6mm to BS4360 with 38mm Dia. hole.

Code	Size	Height	Weight
405050	0	1.04m - 1.83m	12.95kg
405051	1	1.75m - 3.13m	18.64kg
405052	2	1.98m - 3.35m	19.55kg
405053	3	2.59m - 3.96m	22.57kg
405054	4	3.20m - 4.88m	26.36kg

Adjustable Steel Push-Pull Props

Adjustable Steel Push-Pull Props are designed for holding and plumbing single and double faced forms. The lower plate is fixed to a ground anchor with the top plate being fixed to the shutter.

The Adjustable Push-Pull Prop includes a standard Prop Collar with a additional Locking Collar to maintain rigidity as well as maximum safety.

Code	Size	Height	Weight
405103	0	1.140m - 1.829m	10.9kg
405104	1	1.850m - 3.124m	19.3kg
405105	2	2.080m - 3.352m	20.2kg
405106	3	2.690m - 3.962m	22.8kg
405107	4	3.300m - 4.876m	27.5kg



Fully compliant to BS4074 and tested to BS5507.

Head and Base Plates 150 x 150 x 6mm to BS4360 with 38mm Dia. hole.

Trench Struts and Strongboys

Trench Struts

Available from stock in four sizes, Generation's Trench Struts feature clawed base and head plates to enable a better grip to the trench lining and hold it tightly in place preventing collapse.

All struts are manufactured to BS4074:2004 and are thread rolled to ensure that there is no cutting away of material or loss of strength.

Safe Working Load (SWL) of 3tonne at any length.

Outer Tube: 60.3mm dia / Inner tube: 48.3mm dia.

Base and Head Plate: 75mm x 75mm x 6mm
Clawed c/w 2 nail holes.

Code	Size	Height	Weight
405009	0	0.32m - 0.47m	4.99kg
405007	1	0.49m - 0.73m	6.58kg
405008	2	0.69m - 1.09m	8.62kg
405011	3	1.03m - 1.73m	8.62kg



Strongboys

The Strongboy is used as an adaption to an Adjustable Steel Prop, conforming to BS4074:1982, to provide support to brickwork and other construction support structures.

Due to the Strongboy's robust dynamics, it can be fitted between courses on a double-skin, brick cavity wall from either side. Therefore providing a cost effective, efficient and safe construction component.

The Strongboy is zinc plated, this ensures a long life and low maintenance product.

Code	Size	Weight
407800	Strongboy	5.8kg



Road Plates



Steel Road Plates

- 3/4" Steel plate
- 4 Lifting holes per plate
- Available in sizes 8' x 4' and 6' x 4' with or without an anti-skid coated surface
- Anchor holes after coated surfaces

Anti Skid Coating

Chinese bauxite 1-3mm size aggregate coating supplied by Jobling Purser. Type 1 BBA Approved High Friction Surface combining a two part polyurethane resin technology with a high PSV calcined bauxite road grade aggregate.

Code	Description	Weight
420110	8' x 4' x 3/4" Steel Road Plate	420kg
420115	6' x 4' x 3/4" Steel Road Plate	315kg
420112	8' x 4' x 3/4" Anti-Skid Road Plate	420kg
420117	6' x 4' x 3/4" Anti-Skid Road Plate	315kg



Plastic Road Plates

- 1.2m x 0.8m square plastic road plate
- Suitable for trenches up to 0.7m wide
- Lightweight and portable
- Anti-skid textured surface

Code	Description	Weight
420118	1.2m x 0.8m Plastic Road Plate	18kg



Roadforms



Roadforms provide a simple, robust, accurately aligned edge formwork for use when constructing ground slabs, roadways, pathways and foundations up to 200mm.

Made of strong square section steel and using a series of ground stakes to secure in place.

Roadforms create a smooth uniform finish to any poured concrete slab.

Each Roadform is tongued to allow continuous runs.

Square Edged Roadforms

For all types of edge formwork necessary for the construction of ground slabs, roadways, foundations and footings, etc. Three welded stake housings are incorporated together with a locking tongue for accurate alignment of adjacent forms.

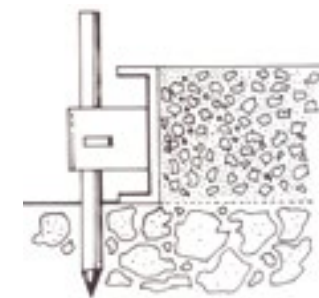


Flexible Roadforms

Used for radius work and whenever it is essential for a smooth curve. Five stake housings are incorporated to ensure accurate settings to any desired curvature. Provided with a locking tongue and designed for the use in conjunction with Generation Square Edged Roadforms.



Code	Description	Depth	Length
410006	6" Standard Roadform	150mm	3m
410009	8" Standard Roadform	200mm	3m
410016	6" Flexible Roadform	150mm	3m
410018	8" Flexible Roadform	200mm	3m
410050	600mm x 22mm Stake	-	-
410055	Stake Extractor	-	-
410105	5 Litre Mould Oil	-	-



Trestle Handrail Systems



The 3.9m Trestle Handrail System is a simple and easy to erect system used in conjunction with adjustable steel trestles which has been specially developed to meet the needs of the Working at Height Regulations.

Using only four components a full hand rail, complete with brick guard, toeboard and stabilisation can be erected in minutes.

Features and Benefits

- Tested and conforms to BS EN 13374 edge protection
- Provides full class 'A' protection
- Fits 2 and 3 sizes of builders trestles. 4 trestles needed per 3.9m Trestle Handrail System
- Can be safely assembled from the ground by just one man
- No 'systemised' spacing bars or fixed width handrails
- Integral stabilisation, brickguards and toe boards

Code	Description	Weight
359005	Handrail Post	7.0kg
359006	Handrail Panel	9.0kg
359007	Stabiliser	1.5kg
359008	Ladder Post	7.0kg

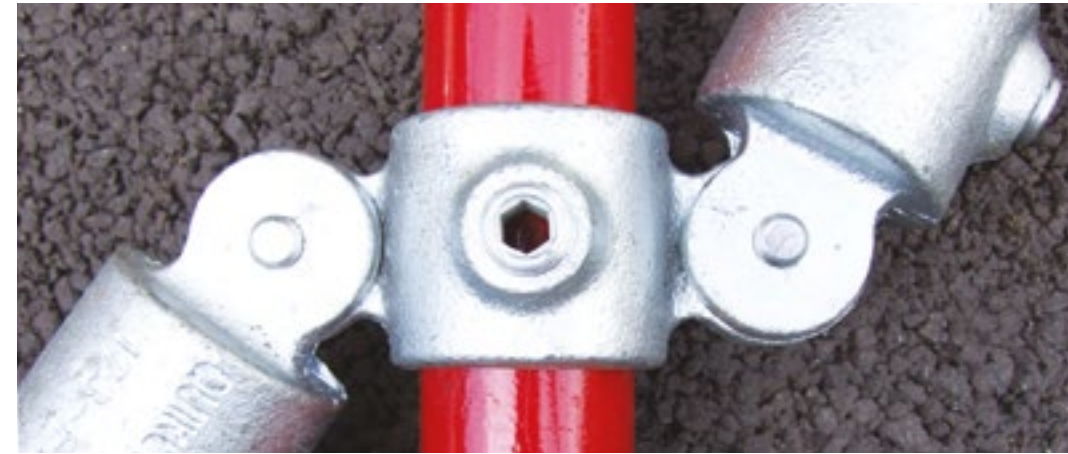
Adjustable Steel Trestles

- Lightweight steel design
- Powder coated finish
- Quality tested to BS1139
- Safe Working Load 4.7kN (470kg) UDL.

Code	Description	Weight
359004	Trestle Size 1 0.51m - 0.71m	7.5kg
359003	Trestle Size 2 0.76m - 1.17m	9.5kg
359001	Trestle Size 3 1.07m - 1.68m	10.5kg



Q-Clamps



Over 50 types of Q-Clamps available for all uses and various tube sizes. Please visit our website or contact your nearest branch for the full range of fittings.

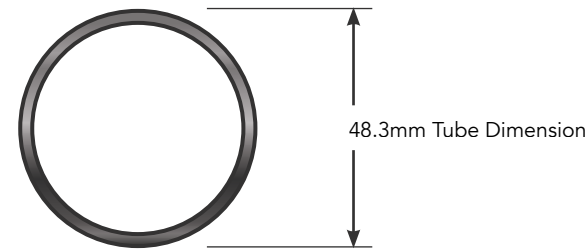
Size	Tube Diameter (mm O/D)	Normal Bore
1	26.9	¾"
2	33.7	1"
3	42.4	¼1"
4	48.3	½1"
5	60.3	2"

TÜV RHEINLAND
Product Safety Type
Approval Cert No:
B061161671001



Note:

Size 4 is standard scaffold tube

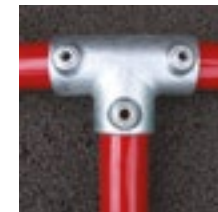


Galvanised tube available in various lengths and thicknesses.

Galvanised Blackheart Malleable Iron fittings to BS6681, Grade B32-10 with galvanising to BS EN 1461:1999.



101-4 Q-Clamp



104-4 Q-Clamp



116-4 Q-Clamp



119-4 Q-Clamp

Q-Clamps



123-4 Q-Clamp



125-4M Q-Clamp



125-4 Q-Clamp



126-4 Q-Clamp



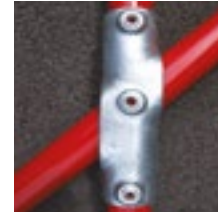
127-4 Q-Clamp



128-4 Q-Clamp



129-4 Q-Clamp



130-4 Q-Clamp



131-4 Q-Clamp



132-4 Q-Clamp



133-4 Q-Clamp



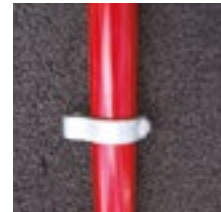
134-4 Q-Clamp



135-4 Q-Clamp



136-4 Q-Clamp



138-4 Q-Clamp



140-4 Q-Clamp



143-4 Q-Clamp



144-4 Q-Clamp



145-4 Q-Clamp



146-4 Q-Clamp

Q-Clamps



147-4 Q-Clamp



148-4 Q-Clamp



149-4 Q-Clamp



150-4 Q-Clamp



158-4 Q-Clamp



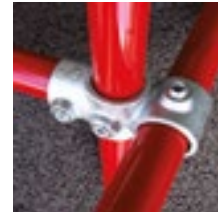
160-4 Q-Clamp



161-4 Q-Clamp



161-4M Q-Clamp



165-4 Q-Clamp



167-4 Q-Clamp



167-4M Q-Clamp



168-4 Q-Clamp



168-4M Q-Clamp



169-4 Q-Clamp



169M Q-Clamp



170-4 Q-Clamp



171-4 Q-Clamp



173-4 Q-Clamp



173-4F Q-Clamp



173-4M Q-Clamp

Q-Clamps



176-4 Q-Clamp



179-4 Q-Clamp



182-4 Q-Clamp



184-4 Q-Clamp



185-4 Q-Clamp



191-4 Q-Clamp



198-4 Q-Clamp



199-4 Q-Clamp



201-4 Q-Clamp



204-4 Q-Clamp



219-4 Q-Clamp



224-4 Q-Clamp



225-4 Q-Clamp



232-4 Q-Clamp



246-4 Q-Clamp



247-4 Q-Clamp



300 Locking Nuts



301-4 Allen Key



302-4 Ratchet Spanner

Generation Hire and Sale Services



The UK's largest suppliers of scaffolding, access and safety products for Hire and Sale. We deliver the best **QUALITY, AVAILABILITY, PARTNERSHIP** and **VALUE** to Construction and Industry through our nationwide branch and freight network.



Specialist Access

Specialist Modular Alloy Systems

Light Access Accessories

Betaguard® Advanced Guardrail

MAST 250 Alloy Span Tower

MAST Low Level Platform

BoSS Aluminium Span Tower

BoSS GRP Zone 1 Tower

BoSS Ladderspan and Clima Tower

Low Level Access Platforms

Picolift

Ecolift

West Thurrock

020 7476 4760

westthurrock@generationuk.co.uk

West Drayton

01895 430 630

westdrayton@generationuk.co.uk

Specialist Modular Aluminium Solutions



From its specialist branches in London Generation Access provide solutions for all access requirements with a full range of modular tower systems.

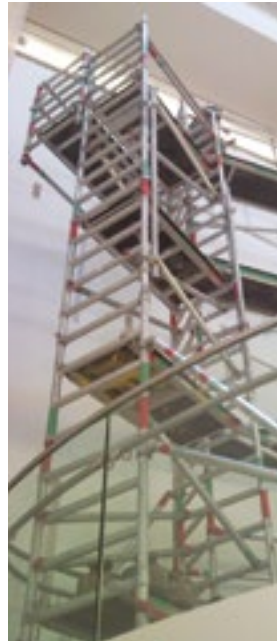
From a simple tower to a complex structure Generation Access supply both material and expertise to the construction and industrial sectors. Equipment is supplied for hire and sale or alternatively with a full erection service undertaking complex structures and demanding solutions to all access problems.

Towers can be supplied in a vast range of configurations and heights to suit all trades. Large deck areas and low level access systems provide safe access to soffit applications.

Cantilevers and facade structures provide solutions to the most difficult access areas.

Our branches in West Drayton (West London) and West Thurrock (East London) provide a fast response service to all access problems. A full range of MAST Aluminium Span Towers, Boss Ladderspan, Glass Reinforced Plastic, and Evolution Towers are available, plus Folding Room Scaffolds, Podiums, Stagings, and Low Level Platforms.

Generation specialise in the supply of 250mm rung frames for maximum flexibility at working height. Staff are trained to Advanced PASMA standard, and Manufacturer specific trained and all hold CSCS card registration.



Accessories



Cantilever Towers

Cantilever towers are useful when needing to protrude outside the normal base dimensions. Difficult areas such as riser shafts or window apertures can be overcome.



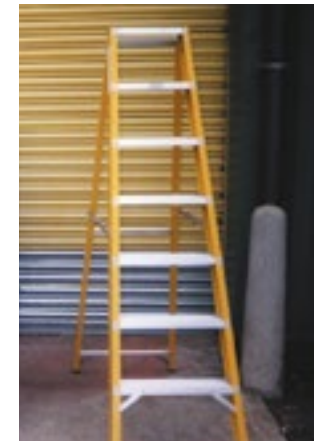
Safety First

Safety products allied to access tower applications including harnesses, and inertia rails etc.



Fold Easy Towers

Small and lightweight, with no braces just a folding frame. Useful for corridors and small rooms and able to pass through a standard doorway without dismantling.



Ladders and Steps

An extensive range of steps and ladders are available including timber, aluminium and fibreglass to cover all trades.



Rail Maintenance Towers

Towers that can run on railway tracks via special 'bogeys' that sit on the rail. They can be raised and lowered for high level work.



ScaffTag for Towers

Generation's Alloy Tower Inserts helps companies to comply with current legislative requirements ensuring employees are informed if equipment is not safe to use. Supplied in boxes of 10 with 20 inserts and 2 pens.

PASMA Training



Generation Training Services PASMA courses will equip your workforce with the necessary skills, information and certification to safely erect, use, inspect and dismantle aluminium and fibre glass mobile access towers and low level access platforms.

Freephone 0800 587 5224

Accessories



Temporary Lighting

Twin 2ft fluorescent polycarbonate lighting units, have 18 watts per tube, consuming less electricity than a 60 watt bulb.



Site Safe

Designed to deter the most determined thief, a strong sturdy steel storage container for expensive tools and equipment on site, or in your workshop.



No-Nocs

No-Nocs are designed to reduce impact and scuffing damage to finished surfaces. Compatible with a range of equipment, including low-level access, aluminium towers and system scaffold.



Podium Steps

Podium steps are the safe alternative to builders steps and weigh less than 22kg. When assembled it will go through a standard doorway.



Betaguard® Advanced Guardrail System

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Assembly and dismantling aluminium towers must comply with the standards set out by the Work at Height Regulations.

Hierarchical requirements place collective protection over mitigation options. As an advance guardrail system the BetaGuard® provides Best Practice Collective Protection, but without the manual handling problems currently associated with industry practice.

The BetaGuard® simplifies tower erection by eliminating the need for both horizontal and diagonal braces, reducing the main components to a total of three.

Structural safety is also improved with the bracing integrated into the BetaGuard® frame. Utilisation and asset management is achieved with ease as individual single bracing members more susceptible to loss, damage and theft are replaced.

Other benefits of the Betaguard® Advanced Guardrail System include its ability to act as a bridging components to bridge towers, removing the need for bridging lattice beams. Tower erection without trip hazards at base level and a walk in/through facility with high clearance is automatically achieved.

PASMA Training

Generation Training Services PASMA courses will equip your workforce with the necessary skills, information and certification to safely erect, use, inspect and dismantle aluminium and fibre glass mobile access towers and low level access platforms.



Freephone 0800 587 5224



Code	Description	Platform Heights	Bay Sizes	Widths
106017	1.5m Betaguard	1.2m to 12.2m	1.5m	0.85m
106018	2.5m Betaguard	1.7m to 11.7m	2.5m	1.45m

MAST 250 Aluminium Span Tower



The MAST 250 Tower System offers simplicity and safety combined with an increased strength and versatility that ensures regular use across various industry applications.

Fully compliant with HD1004 and ISO9002 accreditation the MAST 250 Tower System is available in both Span (1.45m wide) and Narrow Width (0.85m wide) options. With each option available in three platform lengths (1.5m, 2.5m and 3.2m) there is a tower available for every application.

The MAST 250 has been specifically designed to create handrails at the correct levels in difficult access areas. Selected MAST 250 frames are available in 250mm increments to meet all height requirements particularly in restricted and under soffit applications. 250mm rung flexibility ensures maximum handrail safety to the working platform.

Safe

- Guaranteed guardrail positioning at any chosen platform level.
- Safe access to the working platform - every time!
- Connecting frame to frame is safer and quicker with the conical head spigot.
- Non-slip deck provides a safe, highly durable work area.
- All frame rungs have a non-slip serrated finish.

Fast

- Easy to erect and dismantle.
- Fully climbable frames, no need for clip-on ladders or ladder frames.
- All components locate quickly without unnecessary clips and pins.

Easy

- Various add-on components available allowing the MAST 250 to be adapted to suit more specialised needs.
- Greater choice in platform heights providing pin point access to the work area.



Betaguard Advanced Guardrail Available

PASMA Training

PASMA courses available from Generation Training Services more details.

Freephone 0800 587 5224



MAST Low Level - Folding Platforms

Generation MAST folding work platform is designed exclusively for low level access and is erected with ease to form a safe and simple work platform.

Generation MAST folding work platforms assemble and dismantle in seconds with only two components required. It's compact dimensions allowing for easy storage and transportation.

Features and Benefits

- Automatic folding frames, with no pins or clips.
- Compact dimensions allow the MAST folding work platform to be moved from room to room while still assembled.
- 6 rung frame for more choice in working heights.
- Spigot free frames eliminate improper use.
- Designed exclusively for low level access.
- Unique guardrail system also available, offering a fully protected working platform at all times.
- Serrated, non slip rungs (at 250mm centres) and trapdoor platform for safe access to the working area as standard.
- Weather proof, anti-skid decking for a safe working area.
- Equipped with 4 lockable castors.
- Compatible with existing MAST aluminium tower components.
- Folding one piece toeboards available.
- Overall H x W x D: 2600 x 1500 x 730mm.
- Weight 55.17kg.



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Youngman BoSS Aluminium Span Tower

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The BoSS Aluminium Tower System is designed to meet users requirements and can be assembled in many different ways to provide safe working platforms for construction industry or inspection/maintenance purposes.

Four basic tower configurations are available 850mm and 1450mm ladder span, stairway and the folding room scaffold. A range of component for special applications such as cantilevers, facade scaffolding systems, bridge structures and pedestrian access are also available.

Features and Benefits

- 1.8m, 2.5m and 3.2m fixed and trapdoor decks available
- Deck width 600mm
- 275kg distributed load capacity
- Solid aluminium deck claw is 40mm wide preventing damage to frame horizontals
- Offset claws on all decks allow continuous runs
- Extruded aluminium deck frame affords total edge protection to combiboard deck minimising damage
- Large trapdoor (662mm x 531mm) for easy access to platforms



Deck Claw



Toeboard Clip



Castor



All braces are colour coded for ease of use



Youngman BoSS GRP Zone 1 Tower

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GRP Zone 1 Tower is specifically designed to be used where the use of Aluminium Towers are not appropriate. Providing a safe, non conductive, clean and efficient full protection tower system.

Zone 1 Areas

Zone 1 areas are areas in which an explosive atmosphere is likely to occur in normal operation. In these areas only Zone 1 rated materials are **ACCEPTABLE** and where the use of GRP is highly recommended.

The Zone 1 Tower is made up from Glass Reinforced Plastic (GRP). It won't spark, oxidise, conduct electricity or corrode, it combines strength, durability and ease of use.

Conductive

Zone 1 Tower is non conductive, making it safe to use around electrical installation for repair, inspection and maintenance work. It is particularly appropriate for use in electrical engineering applications and in the rail industry.

Non-Sparking

Static electricity represents a real hazard in many industrial applications. Zone 1 Tower will not 'spark' and is therefore safe to use in areas where dust, vapour or other combustible material is present.

Non-Corrosive

GRP is a tough, non corrosive material that is resistant to electrolytic corrosion caused by salt water, deterioration caused by caustic chemicals and damage arising by contact with gasoline, oils, lacquers and most solvents commonly found on industrial sites.

Non-Oxidising

Unlike aluminium, GRP does not oxidise and so keeps works surfaces clean and residue free. This is essential in food manufacture, food preparation areas and in applications that are 'clean' or hygiene sensitive.

PASMA Training

PASMA courses available from Generation Training more details on page 114

Freephone **0800 587 5224**



Youngman BoSS Ladderspan and Clima Tower

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BoSS Ladderspan Tower

This exceptional aluminium access tower offers all the features of original BoSS and many more besides.

Features and Benefits

- Increased rigidity
- Fully compliant with original BoSS because all the components are the same with the exception of the frames which are fully interchangeable
- Integral ladders with 250mm rung spacing
- Frame horizontals have a 500mm spacing and ribbed tubing for increased grip
- Two frame widths: 850mm and 1450mm
- 2 deck lengths: 1.8m and 2.5m
- Safe working load of 275kg per platform level up to a maximum of 950kg per tower (including self weight)



BoSS Clima Tower

Premium lightweight industrial aluminium modular access tower system featuring a climbing frame.

Features and Benefits

- Apart from the end frames the system is fully interchangeable with BoSS Ladderspan tower components
- 250mm easy climb frame rung spacing
- Two widths - 850mm Single Width and 1450mm Double Width.
- 3 slip resistant platforms - 1.8, 2.5 and 3.2m with self closing trapdoors and windlocks.
- The maximum platform safe working load is 275kg
- Primed brace identification:
Red: horizontal. Blue: Diagonal
- Horizontal braces used as guardrails
- Castors with compact trail/no trail positive locking brace mechanism



Low Level Access

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Alpha Step

Fully guardrailed at all times Alphastep is designed exclusively for safe, low level access solutions. Passes easily through standard doorways with a choice of four platform heights.

Effortless Effort

- Designed for ease of use
- Telescopic guardrail section allows access through standard door, whilst still assembled
- Access via steps and gate
- Choice of 3 platform levels - gives user greater choice of working height
- Mobile with locking castors, weight 38.16kg
- Overall H x W x D: 2050 x 1265 x 700mm

Safe Access

- Fully guardrailed platform at all times
- Designed exclusively for low level access
- Single piece deck made with durable aluminium treadplate
- PASMA Training Available



Delta-Deck

The Delta Deck low-level access platform is a complete unit that assembles and dismantles in seconds allowing easy transportation and storage. With 5 working heights to choose from, this low level solution is ideal for those needing flexibility when working at heights of 3m and below.

Safe Access

- One person operation
- Fully guardrailed to ensure user safety
- Compact dimensions
- Easy transportation and storage
- PASMA Training Available



PASMA Training

PASMA courses available from Generation Training more details on page 114

Freephone **0800 587 5224**





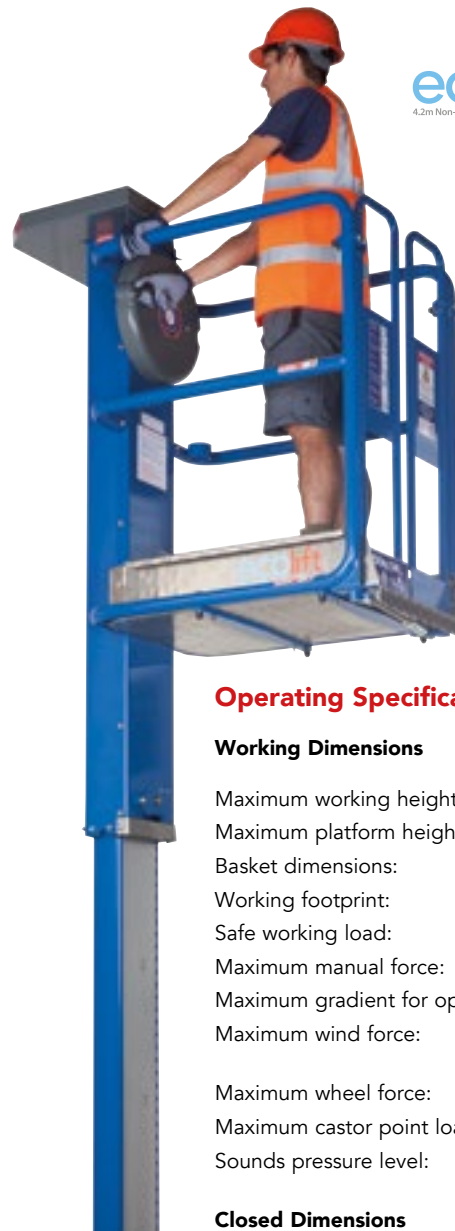
Operating Specifications

Working Dimensions	Standard	Wind Rate
Maximum working height:	3.50m	
Maximum platform height:	1.50m	
Basket dimensions:	0.72m (L) x 0.60 (W)	
Working footprint:	0.98 m x 0.70 m	1.10 m x 1.10 m
Safe working load:	150 Kg (1 person + tools)	
Maximum manual force:	200 N	
Maximum gradient for operation:	0 degrees	3 degrees
Maximum wind force:	Internal use only, 0 (zero) mph	Internal / External Use. 28 mph
Maximum wheel force:	125 Kg	195 Kg
Maximum castor point load:	125 Kg (1.23 KN)	195 Kg (1.91 KN)
Sounds pressure level:	Less than 70 Dba	

Closed Dimensions

Length:	0.98 m	1.10 m
Width:	0.70 m	1.10 m
Height:	1.55 m	1.55 m
Weight:	180 Kg	240 Kg

Life Cycles	Unlimited	Unlimited
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Operating Specifications

Working Dimensions	Standard	Wind Rate
Maximum working height:	4.20m	
Maximum platform height:	2.20m	
Basket dimensions:	850 mm (L) x 644 mm (W)	
Working footprint:	1.28 m x 700 m	1.28 m x 950 m
Safe working load:	150 Kg (1 person + tools)	
Maximum manual force:	200 N	
Maximum gradient for operation:	0 degrees	3 degrees
Maximum wind force:	Internal use only, 0 (zero) mph	Internal / External Use. 28 mph
Maximum wheel force:	234 Kg	245 Kg
Maximum castor point load:	234 Kg (2.29 KN)	245 Kg (2.4 KN)
Sounds pressure level:	Less than 70 Dba	

Closed Dimensions

Length:	0.98 m	1.28m
Width:	0.70 m	0.95 m
Height:	1.55 m	1.94 m
Weight:	180 Kg	335 Kg

Life Cycles	Unlimited	Unlimited
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Training Solutions

Training Services

PASMA

CISRS

CITB

IPAF

The Ladder Association

NPORS

Other Courses

Freephone: 0800 587 5224

Visit: www.generationtraining.co.uk

Email: training@generationuk.co.uk

Generation Training Services



Generation Training Services are accredited training providers for Mobile Access Towers, Scaffolding, Low Level Access, Mobile Elevated Work Platforms (MEWPS) and Ladders and Steps. With a range of Safe Work at Height and Health and Safety courses available we can inform, instruct and equip you with the skills and knowledge you require.

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NPORS	130
Other	131 - 132

CISRS Courses



CISRS Scaffold Training Part 1

The Construction Industry Scaffolders Record Scheme (CISRS) is the industry recognised qualification for those working within the scaffolding and access sector. The law requires that any individual wishing to erect, alter or dismantle scaffolding must be able to prove their competency. The industry-wide accepted proof of competency for operatives is to hold a CISRS scaffold card.

Target Group

This two week training course is aimed at candidates who have attended the COTS course and held a Scaffold Trainee/Labourer card for a minimum of 6 months.

Overview

- Health & Safety Awareness
- Fall Prevention Training (SG4)
- Performance Standards (BS EN 12810/11 and TG20:13)
- Stability, Ties and Anchors (including TG4)
- Manual Handling Techniques
- Foundations & Ground Conditions
- Methods of Access
- Gin wheels, ropes, knots & hitches
- Interpretation of drawings
- Independent Tied, Putlog, Static Tower, Birdcage Scaffolds
- Alterations to scaffolds
- TG20 Stair Access
- Mobile Aluminium Tower
- Scaffold Inspection
- Question Test Paper & Practical Test

Skills

At the end of the course, the trainee operative should be able to correctly and safely:

- Carry out work in compliance with statutory regulations and industry best practice
- Identify scaffold tubes, boards and fittings in common use
- Prepare the base of a scaffold and select, measure, set out and erect standards and ledgers within recommended tolerances
- Select and fit appropriate tubes and fittings to form bracing and stiffen scaffolds.
- Support scaffold boards to form working platforms and install sufficient transoms to stiffen the scaffold structure
- Inspect scaffolds prior to handover
- Determine the material requirements for independent and putlog scaffolds with returns, towers and birdcages up to three lifts high. Lay out materials, set out scaffolds and overcome obstacles to erect scaffolds safely



CISRS Scaffold Training Part 2

Target Group

The part 2 course is aimed at candidates that have completed the part 1 course and have gained a further 6 months, minimum, scaffolding experience.

Overview

- Fall Prevention & Rescue Training (SG4)
- Health and Safety Awareness
- Performance Standards (BS EN 12811 and TG20:13)
- Basic Independent Tied, Truss-out, Bridging with prefabricated beams, Protection Fans, Pavement Gantry Scaffolds
- Manual Handling Techniques
- Loading Bay
- Roof saddle & Splay Scaffold
- Birdcage Scaffolds
- Edge Protection
- TG4 Tie testing
- Basic Scaffold Inspection
- Mobile Aluminium Tower
- Question Test Paper & Practical Test

Skills

At the end of the course, the trainee operative should be able to correctly and safely:

- Make adequate provision for the safety of themselves, the workforce, the public affected by scaffolding work, by working to the relevant British and European Standards, NASC guidance and statutory regulations
- Select serviceable scaffold tubes, boards and fittings. Use them correctly and safely
- Select, inspect assemble and install prefabricated beams into and onto scaffold structures
- Support scaffold protection fans according to requirements of current industry practice
- Erect scaffolds on pavements and public places safely and correctly, with regard to Local Authority regulations
- Install spurs and rakers within the correct operating angles. Attach check fittings, droppers and puncheons in the correct positions to scaffolds
- Install anchor ties and other specialist fixings to the manufacturer's recommendations and TG4.
- Select, space and install the correct amount of ties to restrain sheeted and unsheeted scaffolds
- Determine the materials required to set out, erect and dismantle in a safe sequence the scaffolds listed above
- Inspect Basic scaffolds prior to handover
- Have the skills to lead a Scaffold gang carrying out Scaffolding Operations



CISRS Advanced Scaffolder

Target Group

The advanced course is available to delegates with a minimum of 12 months practical experience of scaffolding operations following the attainment of their CISRS Scaffolders Card. Covering more complicated and technical aspects of scaffolding, this course is aimed at those looking to work on design scaffolds and leading scaffold teams.

Overview

- Fall Prevention & Rescue Training (SG4)
- Health and Safety Awareness
- Tubular drop scaffold from steelwork
- Cantilever drop scaffold
- 2/3 Chord Raking shore
- Dead shore
- Temporary roof scaffold
- Stairways
- Ramps
- Advanced Scaffold Inspection
- Mobile Aluminium Tower
- Risk Assessment
- Method Statements
- Testing of Ties (TG4)
- Question Test Paper & Practical Test

Skills

At the end of the course, the operative should be able to correctly and safely:

- Make provisions for the safety of themselves, the workforce, the public affected by scaffolding work, and future users of the scaffold structure by working to the relevant British Standards, Codes of Practice and statutory regulations.
- Determine the materials required for drop scaffolding off steelwork. Lay out materials. Set out and erect drop scaffolding off steelwork. Dismantle a tubular hanging scaffold.
- Erect cantilever scaffolds applying appropriate weights with due regard to the safety measures required to prevent overturning.
- Determine the materials required for dead shores. Lay out materials. Provide a means of access. Set out and erect dead shores. Dismantle shores and, where applicable, the means of access.
- Determine the material requirements for Temporary Roof Scaffolds in accordance with drawings and specifications. Lay out materials. Set out and erect Temp Roof Scaffolds including levelling to reasonable tolerances. Dismantle Temp. Roof Scaffolds.
- Determine the material requirements for staircases and ramps in accordance with drawings and specifications. Lay out materials. Set out and erect Staircase/ramp. Dismantle Staircase/Ramp
- Read scaffold drawings, and erect scaffolds from those drawings and specifications.



CISRS System Scaffold Product Training Scheme Genlok/ Altrad Futuro/ Plettac Contur

Target Group

This course is open to experienced Scaffolders and System Scaffold Erectors who hold a current CISRS card having completed a minimum of the Part 1 training through either the Tube and Fitting or System Scaffolding route.

Overview

This course is intended for experienced Scaffolders, and aims to provide the knowledge and skills to erect, alter and dismantle Genlok or Plettac system scaffold in accordance with the manufacturers instructions, minimum legal requirements and industry best practice.

Skills

The two-day System Scaffolding Product Training Scheme will train you to:

- Understand product information and manufacturer's instructions
- Have a legal overview regarding health and safety
- Observe British and European standards
- Have an overview of product accreditation and testing schemes
- Have knowledge and understanding of:
 - Guidance and industry standards
 - Component range
 - Basic system/s of work
 - Bracing requirements
 - Ties, stability and tie patterns
 - Loading and duties
 - Access towers; Independent tied scaffolds including returns and hop-ups; Birdcage access scaffolds and Loading towers
 - Methods of access and egress including stairways



CISRS Basic Scaffold Inspection (SITS)

Target Group

This course is intended for persons responsible for inspecting and checking scaffolds for safe use and for signing certificates and registers in accordance with statutory regulations.

Overview

The overall aim is to develop in trainees and understanding of scaffold components, forms of construction and inspection procedures of basic access scaffolds and to comply with current legislation and Codes of Practice.

Skills

The 3 day Basic Scaffold Inspection Scheme will train you in:

- Health and Safety at Work Act 1974
- Work at Height Regulations 2005
- Regulations and Approved Codes of Practice (ACoPs).
- NASC TG20 Guidance on Tube and Fitting Scaffolds
- Scaffold Terminology
- Scaffold Materials
- Means of Access
- Gin Wheels and Ropes
- Scaffold Ties
- Construction Regulations and Recommendations of Basic Scaffolds.
- Practical Inspection



CISRS Operatives Training Scheme (COTS)

Target Group

This course is the CISRS training requirement for any new entrant Scaffolding Trainee or Scaffolding Labourer to complete before a card will be issued.

Overview

The course is intended for employees working as Yard Operatives, Labourers or Trainee Scaffolders that have yet to attend the Part One course.

To provide a comprehensive overview of current construction and scaffold access related health and safety requirements and safe working practices. To provide an overview of relevant health and safety regulations.

Skills

The content of the course includes information and training in:

- Relevant Regulations and Codes of Practice
- General Responsibilities
- Basic Scaffold Terminology (Components and Application)
- Servicing of Equipment, Tube, Fittings, etc.
- Boards and Stock – Quality Control
- Health, Welfare, Hygiene and Housekeeping
- Electrical Safety
- Fire Prevention and Control
- Noise and Vibration
- Work at Height
- Accident Prevention and Reporting
- Personal Protective Equipment
- Site Transport Safety (Including Loading and Unloading)
- Equipment and Tools
- Manual Handling (Including a practical element)
- Lifting Equipment Using a Rope and Wheel



CITB Scaffold Apprenticeship

Overview

On this 18 month Scaffolding apprenticeship you will gain all the skills and knowledge needed to start a career in this area of the construction industry. The CITB Scaffold Apprenticeship scheme consists of 11 weeks in-centre training over 18 months, comprising of 5 two-week courses; Foundation, Part 1a, Part 1b, Part 2a and Part 2b and culminating with an assessment week. Candidates will cover NASC guidance, British/European standards as well as Health and Safety regulations on route to completing NVQ Level 2 and Diploma Level 2.

Objectives

Successful delegates will acquire all the knowledge required to be competent to correctly and safely assemble scaffold structures including; independent with return, birdcage, towers, truss-out, scaffolds with beams, protective fans, pavement gantry, loading bays, roof saddle and splay scaffolds. Operatives will also have knowledge of regulations and guidance governing work at height and working with scaffolds.

Course Programme

- CISRS Part 1, Part 2, Skills Test
- CISRS System Scaffold Product Training Scheme (SSPTS) - Genlok and Altrad Futuro (Plettac)
- PASMA Towers for Users
- Manual Handling and Emergency First Aid
- Training Diploma Level 2
- NVQ Level 2 Access and Rigging
- Key Skills Level 1
- CISRS Trainee Scaffolders Card on completion of CISRS Part 1; CISRS Scaffolders Card on completion of the full programme

On completion of the Scaffolding apprenticeship, you'll have these qualifications/certification:

- Level 2 Construction Diploma in Scaffolding
- Level 2 NVQ Diploma in Accessing and Rigging Occupations: Scaffolding
- The Construction Industry Scaffolders' Record Scheme (CISRS) Scaffolders' Registration Card
- Level 1 Functional Skills
- Employment Responsibilities and Rights



citb
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Approved Centre

CITB are the Sector Skills Council and Industry Training Board for the construction industry, working with industry, for industry to deliver a safe, professional and fully qualified UK construction workforce.

Site Managers Safety Training Scheme (SMSTS)

This course is aimed at project managers, site managers and supervisors as well as proprietors of small to medium sized companies.

Successful candidates will gain knowledge and skills in:

- The Health and Safety at Work Act
- CDM Regulations
- Site set-up
- Risk assessments/method statements
- Recent changes in accepted working practices
- Behavioural safety
- Management of Occupational Health

Site Supervisors Safety Training Scheme (SSSTS)

This course is aimed at people who have, or are about to acquire supervisory responsibilities.

Successful candidates will gain knowledge and skills in:

- The Health and Safety at Work Act
- Specific site issues that challenge supervisors on a daily basis
- Effective Tool Box Talks
- Supervision of Occupational Health
- Behavioural safety

Successful Candidates will receive a ConstructionSkills Site Safety Plus certificate.



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Directors' Responsibilities for Health and Safety

This course is aimed at directors and senior managers, with the purpose of recognising the human, economical and financial implications of non-compliance with health and safety legislation.

Successful candidates will gain knowledge and skills in:

- Moral and human costs/the implications of decisions made in the boardroom
- The economical implications of an unsafe working environment
- The legal responsibilities with regard to health and safety
- The principles and importance of the risk assessment process
- Appointing competent health and safety assistance and the limitations of such an appointment
- The basic tools of introducing a proactive health and safety culture

Health and Safety Awareness

This course is aimed at people who have entered, or are about to enter, the construction and civil engineering industry.

It gives construction operatives an awareness of health and safety and how it affects their daily role. It can be used as preparation training for the CITB ConstructionSkills Health, safety and environment test or as refresher training for operatives.

Successful candidates will gain knowledge and skills in:

- Their individual responsibilities for their own safety and the safety of others
- Typical construction hazards and how these are controlled
- How everyone can help achieve better practical standards of safety on site
- Legal requirements and liabilities
- Working at height
- Manual handling
- Fire prevention
- Work equipment
- Occupational Health

Successful Candidates will receive a ConstructionSkills Site Safety Plus certificate.

CITB Courses



CITB
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Site Environmental Awareness Training Scheme

This course is aimed at people with management or supervisory responsibilities on a construction site.

The 1-day course will provide candidates with an introduction to environmental issues on construction sites. It is designed to meet the basic environmental knowledge that the sub-contract chain are required to prove to major contractors, and covers the environmental aspects of the new touch screen Health, safety and environment test.

The course is accredited by Site Safety Plus.

Successful candidates will gain knowledge and skills in:

- The environment and why is it important?
- An outline of Environmental Management Systems
- Waste management
- Pollution prevention and water management
- Being a good neighbour – statutory nuisance, communication, archaeology and heritage
- Energy and resources
- Being a responsible contractor

For every course successful delegates will receive a 5 year PASMA certificate and photo ID card.

PASMA Courses



PASMA
Prefabricated Access Suppliers' and Manufacturers' Association

As a member of the Prefabricated Access Suppliers' And Manufactures Association (PASMA), Generation Training Services can equip your workforce with the necessary information and skills to safely assemble, use, inspect and dismantle aluminium & fibre glass mobile access towers and low level access platforms to the certified standard.

Mobile Access Towers

This course is targeted at any person(s) who, as part of their working duties are involved in the erection, dismantling and use of mobile access towers. The aim of the training is to provide candidates with the necessary information to safely erect, use, inspect and dismantle aluminium or fibre glass mobile access towers.

Towers for Managers

This course is targeted at Managers and/or Supervisors who are responsible for employees, who erect, alter, dismantle and inspect mobile access towers. Candidates will have a clear understanding of; Legislation, Regulations and Guidance affecting Working at Height with mobile access towers. Know the two current approved methods of assembly. Understand that there are different types of towers on the market and the importance of the manufacturers instruction manuals.

Low Level Access

The aim of the training is to provide candidates with the necessary information in the safe use of low level prefabricated access units. At the end of the instruction the candidates will be competent to select, assemble, use, move, inspect and dismantle low level prefabricated access units.

Combined Mobile Access Towers and Low Level Equipment

You may have operatives that are likely to use both Low Level equipment and Mobile Access Towers.

Benefits

- Overall reduced price
- Complete both courses on a single day
- Reduce lost time at work
- Full training for both types of equipment
- Avoids second day attendance

For every course successful delegates will receive a 5 year PASMA certificate and photo ID card.

IPAF Courses



The International Powered Access Federation (IPAF) who promote the Safe and effective use of powered access equipment; Generation Training Services are able to supply full accredited training and issue a 5 year IPAF Certificate and PAL Card (Powered Access Licence) confirming competence of operatives.

Equipping your workforce with the necessary skills, information and certification for the safe use and operation of all types of Mobile Elevating Work Platforms (MEWPs).

MEWPS Operator Training

The aim of the training is to provide candidates with the necessary information and instruction in the safe operation of MEWPS including mobile scissor lifts and self propelled boom lifts and static trailer/van mounted booms or vertical lifts.

MEWPS for Demonstrators

This course will enable candidates to carry out the required tasks involved in the role of Demonstrator, which is to familiarise operators with their responsibilities, and demonstrate pre-operational and safe operating procedures, and the limitations of MEWPS.

MEWPS for Managers

The aim of the training is to provide Managers or Supervisors with the necessary skills to prepare for and safely co-ordinate various types of MEWP and operators within their control.

Harness Use and Inspection

This course instructs a user to select, carry out a pre-use check and use a harness and associated equipment safely when using a MEWP.

Push Around Vertical - PAV

This course aims to instruct an operator to prepare and safely operate various types of Push around vertical Platforms.

Successful Candidates will receive a ConstructionSkills Site Safety Plus certificate.

The Ladder Association Courses



Demonstration of competence is a key requirement of the Health and Safety at Work Act 1974 and the Work at Height Regulations 2005. Successful completion of Ladder Association training courses, delivered by Generation Training Services will provide proof of such competence.

Ladder and Stepladder Inspection

Delegates will be competent to:

- Assess and determine when it's appropriate to inspect a ladder or stepladder
- Record findings and recommend action to be taken if faults are found
- Accurately record details of ladders and stepladders

They will have an understanding of:

- What they need to know about the law and standards relating to ladders and stepladders
- Storage and handling of ladders and stepladders

Ladder and Stepladder User

Delegates will be competent to:

- Assess and determine when it's appropriate to use a ladder or stepladder.
- Correctly locate and safely use ladders and stepladders.

They will have an understanding of

- The laws and standards relating to ladders and stepladders.
- Hazards in the use of ladders and stepladders.
- The storage and handling of ladders and stepladders.

Upon successful completion every delegate receives a certificate and Ladder Association photo card as objective proof of competence. Valid for 5 years.

The Ladder Association Courses



Working with Steps and Stools

Delegates will be competent to:

- Assess and determine when it's appropriate to use stepladders and step stools.
- Correctly locate and safely use stepladders and step stools.
- Visually inspect stepladders and step stools for damage before and after use

They will have an understanding of:

- What they need to know about the law and standards relating to stepladders and step stools.
- Hazards in the use of stepladders and step stools.
- Storage and handling of stepladders and step stools.

Ladder and Step Ladder Manager

This course is targeted at Managers and/or Supervisors who are responsible for employees, who use and inspect ladders. Candidates will have a clear understanding of; Legislation, Regulations and Guidance affecting Working at Height with ladders and step ladders. Understand that there are different types of ladders on the market and the importance of the manufacturers instruction manuals.

Upon successful completion every delegate receives a certificate and Ladder Association photo card as objective proof of competence. Valid for 5 years.

NPORS Courses



National Plant Operators Registration Scheme (NPORS) is one of the UK's leading accrediting bodies for lift trucks recognised by the Health and Safety Executive (HSE).

Generation offer training on many categories of plant, the duration of the course and number of delegates varies dependent of the level of experience each operative has previously attained.

Appointed Person Lifting Operations
Counterbalance FLT
Crane Operator
Crane Supervisor
Dumper
Excavator
Fire Warden Reach FLT
Rough Terrain FLT
Side loader FLT
Slinger / Signaller
Telescopic Materials Handler
Vehicle Banksman

Other Courses



This course is designed for Fork Lift Truck Operators who have received no formal instruction. The aim is to inform the Operator of the risks associated with general use, driving and refueling/charging this type of machine, as well as teaching the correct operation practices when using this piece of equipment. Enquire about the full range of machine categories available.

Manual Handling

This course is designed to provide delegates with a thorough understanding of how to minimise the risk of injury to themselves and others by increasing awareness of potential manual handling hazards in the workplace.

Stair Tower User

This course is aimed at personnel who are required to erect, dismantle, use or inspect a scaffold stair tower.

At the end of the course candidates will be able to:

- Have an understanding of the statutory regulations.
- Identify and quantify components.
- Erect and dismantle the Generation Stair Tower
- Inspect a Generation Stair Tower

Abrasive Wheels

This course is designed for any person who may be required to use an abrasive wheel in the workplace or requires familiarisation with the associated regulations. Delegates will leave with a thorough understanding of the hazards associated with the use of abrasive wheels and to comply with the Provision and Use of Work Equipment Regulations (PUWER) in the safe mounting of abrasive wheels and discs on portable machinery.

Asbestos Awareness

The aim of the training course is to inform workers who are liable to be exposed to asbestos as part of their everyday work about what asbestos is, the health effects of asbestos, legislation and what to do if they discover asbestos.

SG4 - Preventing Falls in Scaffolding

The aim of this training course is to highlight the basic requirements and principles of fall prevention and protection that can be adopted by scaffolders when planning and undertaking scaffolding operations in accordance with SG4.

GenStair and System Scaffold Inspection

As these are not accredited courses we have created bolt-on to the CISRS SITS course for users who require a specific certificate for either System Scaffold or Stair Towers. They are intended to provide a formal record for customers to ensure they have evidence of competence should they require. We can also offer these courses as standalone training for customers we have trained in the assembly of either products as they are deemed both familiar and competent in the safe use of the equipment.

Other Courses



Confined Spaces

This course is designed for anyone who as part of the working duties is required to enter or work in Low Level Risk confined spaces. This would be associated with lone working and requires the application of appropriate procedures.

Low Risk Level applies to work in an area that is:

- Not difficult to enter or exit and does not require a means of assisted access
- Has suitable and adequate ventilation by natural means so does not require additional ventilation installed
- There is no potential for flooding to occur

Successful candidates will gain knowledge and skills in:

- Confined Spaces Regulations 1997
- Safety requirements
- Potential diseases and contact with sewage
- Atmospheric hazardous and gas detection
- Risk assessments
- Establishing safe systems of work
- Permit to work and control measures
- Selection of suitable equipment
- Pre-use inspection and safe operation of equipment
- Fall arrest systems

Safe Working at Height

Height Safety Awareness

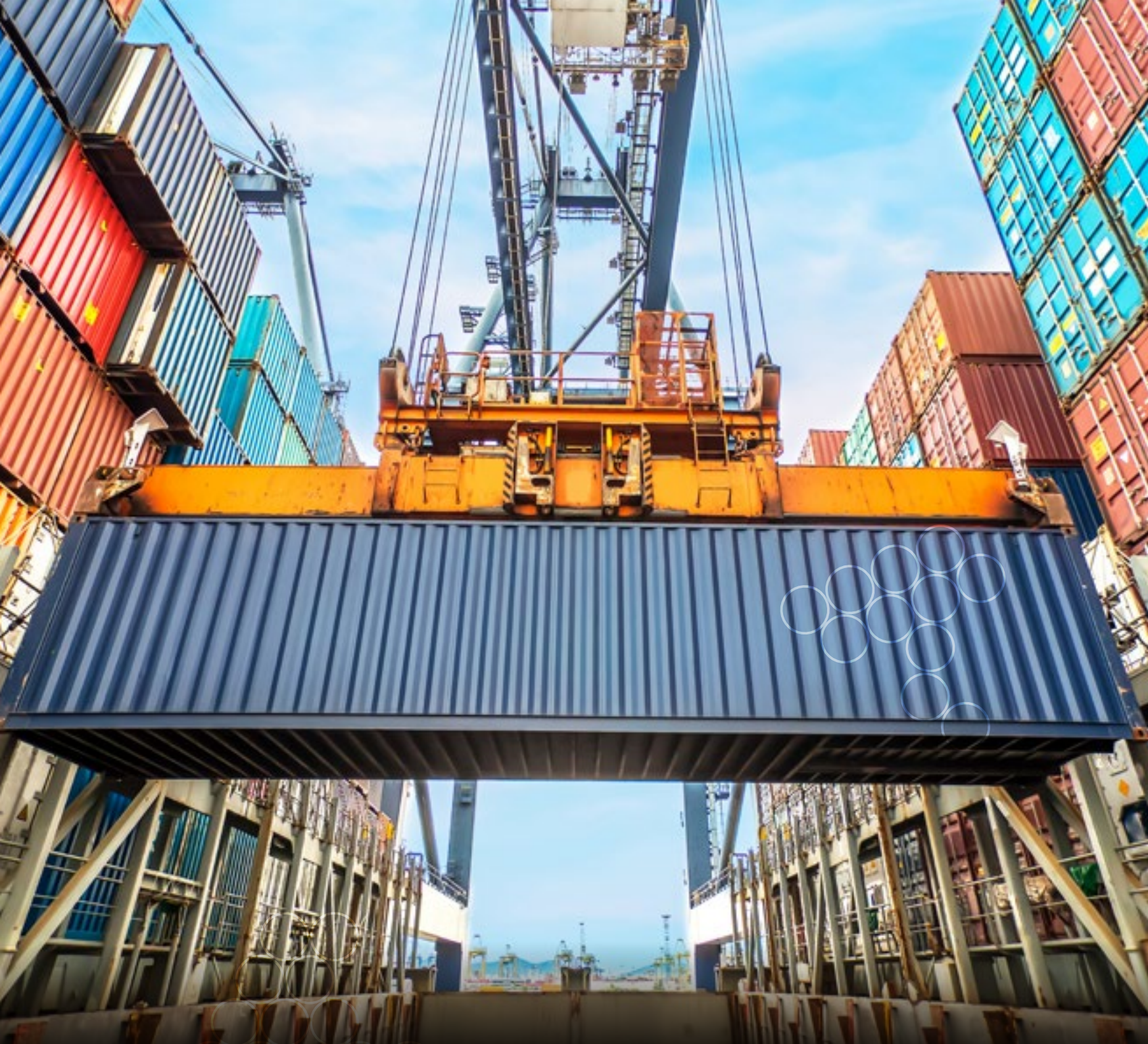
This training session is intended as the basic foundation for working safely at height. Delegates will be provided with the basic information required for anyone tasked with or affected by work at height to ensure safety in the workplace. This session is intended as a pre-requisite for all other Generation Work at Height and Rescue from Height training courses.

Safety Harness and Fall Protection Equipment User

This training session is intended for those employed to perform work tasks at height, where the employer has identified Personal Fall Protection Equipment as the appropriate control method. Course delegates will be provided with the information required of them to safely use items of Personal Fall Protection Equipment to protect against the potential fall from height.

Competent Person for the Inspection of Harnesses

This course will give the delegate the skills to perform a pre-use safety inspection of the equipment; the faults and dangers that may be identified; which items of FPE are appropriate for various types of work tasks; how each item of FPE is to be used to create a safe Fall Protection System; and, the dangers of falling.



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Generation can provide you with a complete Export service including:

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- Export documentation



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- EUR1 Movement Certificate
- Export Licences
- Certificates of Origin
- Full consular documents certified and legalised
- Bills of Lading - Sea
- CMR - Road
- Airway Bills - Air
- Letter of Credit / Export Payment Methods

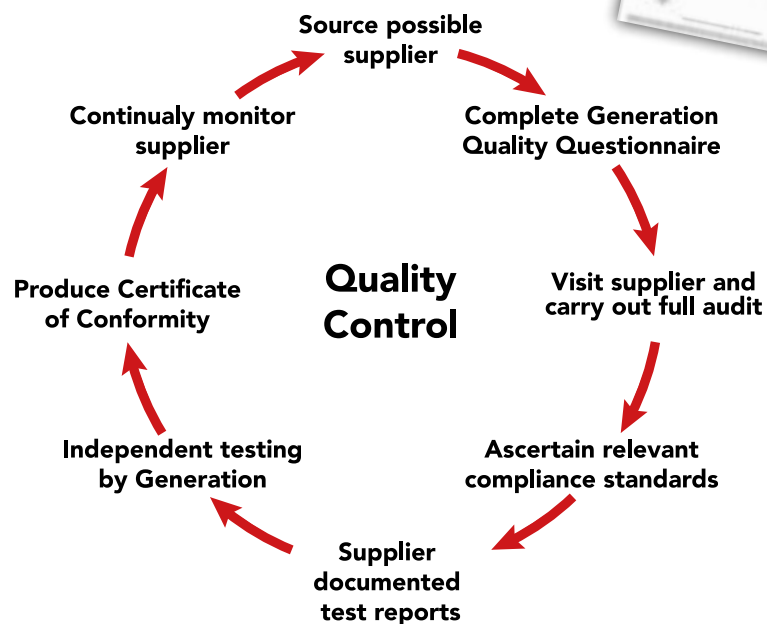


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Quality

- Vast product range sourced and supplied from high quality UK and Worldwide manufacturers
- Products are rigorously tested by approved houses to ISO 9001:2008
- All materials supplied meet full British and European Standards which have been batch tested and documented
- Major components/systems are independently tested through physical and cyclic loadings, with the results again independently analysed to confirm conformance to British/ European standards along with test data and approval documentation



GENERATION SCAFFOLDING AND ACCESS SUPPORT FOR CONSTRUCTION AND INDUSTRY

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We use our position as the largest UK supplier of non-mechanical access and safety products to negotiate the best rates for you. We guarantee you will get the best value products and service when you hire or buy from us.

Distance

1 inch	2.54 centimetres
1 foot	0.3048 metres
1 yard	0.9144 metres
1 rod	5.0292 metres
1 chain	20.1168 metres
1 mile	1.6093 kilometres
1 nautical mile	1.852 kilometres
1 millimetre	0.0394 inches
1 centimetre	0.3937 inches
1 decimetre	0.3281 feet
1 metre	3.2808 feet
1 metre	1.0936 yards
1 kilometre	0.6214 miles
1 kilometre	0.5399 nautical miles

Surface Area

1 sq. inch	6.4516 sq. centimetres
1 sq. foot	929.03 sq. centimetres
1 sq. yard	0.8361 sq. metres
1 acre	4046.9 sq. metres
1 sq. mile	2.59 sq. kilometres
1 sq. centimetre	0.1550 sq. inches ²
1 sq. metre	1.1960 sq. yards
1 acre	4840 sq. yards
1 hectare	2.4711 acres
1 sq. kilometre	0.3861 sq. miles

Weight

1 ounce	28.35 grams
1 pound	0.4536 kilograms
1 hundredweight	50.802 kilograms
1 ton	907.18 kilograms
1 gram	0.0353 ounces
1 hectogram	3.527 ounces
1 kilogram	2.2046 pounds
1 ton	1.016 tonnes

Volume

1 cu. inch	6.387 cu. centimetres
1 cu. centimetre	0.0610 cu. inches
1 cu. foot	0.0283 cu. metres
1 cu. decimetre	0.035 cu. feet
1 cu. yard	0.7646 cu. metres
1 cu. metre	1.3080 cu. yards

To Convert

inches to centimetres	2.54
feet to metres	0.3048
yards to metres	0.9144
miles to kilometres	1.609344
sq. inches to sq. centimetres	6.4516
sq. metres to sq. feet	10.7639
sq. miles to sq. kilometres	2.58999
acres to hectares	0.404678
cu. inches to cu. centimetres	16.3871
cu. inches to litres	0.016387
cu. feet / min to litres / min	28.3168
imperial gallons to litres	4.546
ounces to grams	28.3495
pounds to grams	453.592
pounds to kilograms	0.4536
tons to kilograms	1016.05
centimetres to inches	0.393701
metres to feet	3.2808
metres to yards	1.09361
kilometres to miles	0.621371
sq. centimetres to sq. inches	0.155
sq. feet to sq. metres	0.092903
sq. kilometres to sq. miles	0.386103
hectares to acres	2.47101
cu. centimetres to cu. inches	0.0610237
cu. metres to cu. feet	35.3147
litres to cu. inches	61.024
litres/min to cu. feet / min	0.0353
litres to imperial gallons	0.219969
grams to ounces	0.035274
grams to pounds	0.00220462
kilograms to pounds	2.20462
kilograms to tons	0.0009842

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