



GABION SEATING

MADE IN
BRITAIN

GABION SEATING RANGE



GABION SEATING RANGE

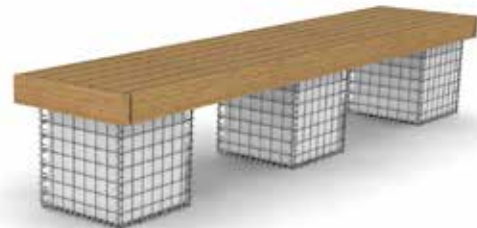
Seating with a solid foundation

The term gabion originated in the 16th century, but evidence suggests that gabion baskets were first used during Ancient Egyptian times to protect the banks of the Nile from erosion. Historically made of wicker, in the Medieval period gabions were used as military fortifications, with their lightweight structure enabling easy transportation, and once in position they were filled with locally-dug soil. Although the external skeletons of gabions are now generally made of steel, the same principles of infilling a basket to create a solid mass structure still apply today, with gabions widely used for erosion control measures and land retention purposes. The solid visual presence and textural qualities of gabions have been recognised by designers, and gabions are now widely used as both functional and decorative architectural and landscape features in their own right. Baskets can be filled with imported virgin material, or site surplus / waste materials, offering the opportunity to use materials of local provenance to create site-specific features truly unique to a particular scheme. Furnitubes offers 2 ranges of seating products incorporating gabion baskets, each with a distinctly different application and character.



Lapa range

Comprising bench platforms with optional add-on backrests, the Lapa range can be retro-fitted to most existing weldmesh-type gabion baskets and can be integrated into suitable new gabion installations. The seating platform and backrest are in iroko hardwood, supported by galvanised steel bracketry that clamps to the gabion baskets.



Elements range

Gabion cubes are one of 9 support options in the Elements range. Two lengths are offered in both the standard and XL seating sizes, with optional add-on features such as backrests and armrests available across the range. The seating platform galvanised steel sub-frame is clad in iroko hardwood, which is offered in a number of different size and orientation options.

LAPA GABION SEATING RANGE

Add-on seating for existing & new gabion walls

Long runs of gabion walls provide ideal opportunities for extensive informal seating provision, but without any add-on platforms the sharp edges of a wire gabion exo-skeleton can be uncomfortable at best, and at worst can snag clothing and present a genuine health and safety risk. In such situations the Lapa range - an add-on timber platform clamped to the gabion by a series of galvanised steel brackets - is a practical and cost effective solution to adding comfortable seating provision to an existing or new gabion wall. Bench platforms are available in 3 standard lengths and 2 depths, and a backrest is an optional extra on the deeper model, providing the gabion is of a suitably rigid construction. Armrests are optional extras on 3-slat deep units and anti-skate devices are available on all models.

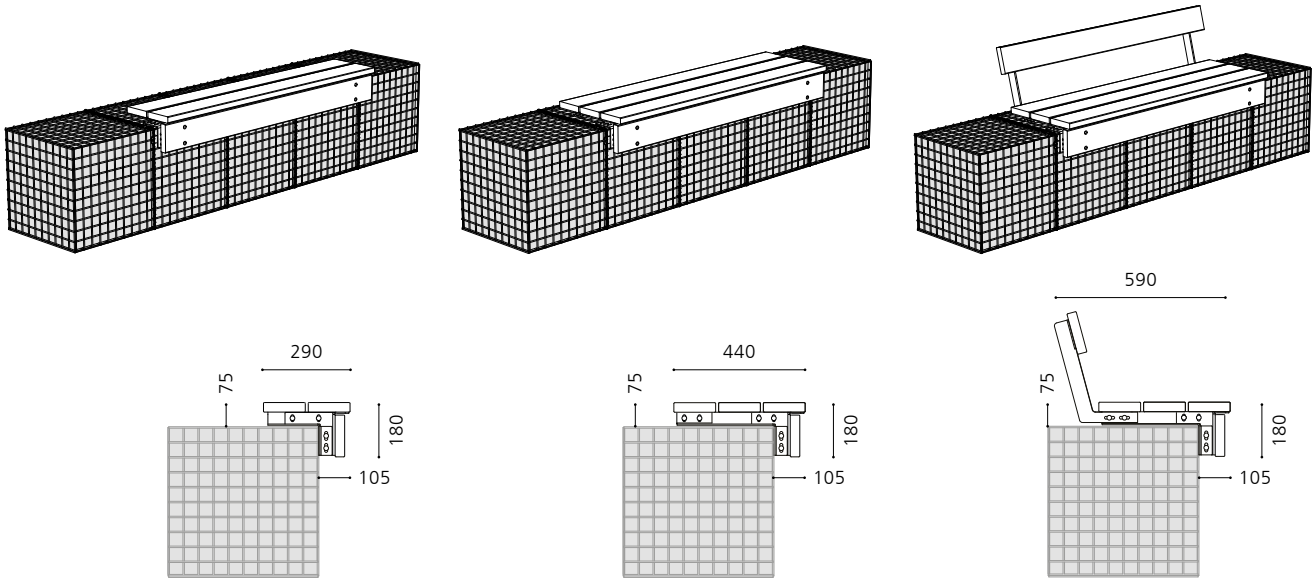
IMPORTANT NOTES:

Lapa range seating platforms clamp to the gabion external wire structure only and rely on the rigidity of the gabion for a sound fixing. Gabion rigidity is influenced by the wire material gauge, the mesh pitch, the basket dimensions, the type of fill material and how well it is compacted. Any flexibility in the gabion may be transferred through to the bench or seat platform. Lapa bench platforms can be fitted to most **weldmesh** type gabion baskets to provide a stable seating surface (**wiremesh** gabions are too flexible to fix a platform to.)

From our field tests we have found the most rigid standard gabion structures to be 5mm weldmesh wires at a 50 x 50mm pitch, which combined with a suitable and well compacted infill, will provide a solid structure onto which the bench platform, with or without a backrest, can be securely clamped. We have found that gabions with 3mm wires at 75mm pitch may be an adequate base structure for a bench platform, but not for a backrest as well. If you are in doubt as to the suitability of your gabion for fixing bench platforms and backrests to we recommend that a Lapa product is tested on typical in-situ gabion walls to ensure that the seating can be made appropriately rigid. For continuous lines of seating we recommend a lateral gap of 100mm minimum between adjacent platforms for ease of access to the underseat brackets and fixings.

LAPA GABION SEATING RANGE

All Lapa platforms on this page are shown mounted on 500 x 500 x 500mm gabion cubes



LAPA

Iroko hardwood slats in smooth planed finish with mild steel substructure and brackets, hot dipped galvanised finish

Note: gabions and infill material are not included

2-SLAT DEEP BENCH PLATFORMS

LPA2B2

1000mm long x 290mm deep

LPA2B3

1500mm long x 290mm deep

LPA2B4

2000mm long x 290mm deep

3-SLAT DEEP BENCH PLATFORMS

LPA3B2

1000mm long x 440mm deep

LPA3B3

1500mm long x 440mm deep

LPA3B4

2000mm long x 440mm deep

3-SLAT DEEP SEAT PLATFORMS

LPA3S2

1000mm long x 590mm deep

LPA3S3

1500mm long x 590mm deep

LPA3S4

2000mm long x 590mm deep

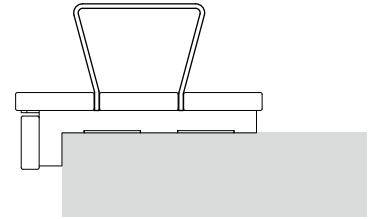
OPTIONS (ALL MODELS):

- Armrests (except on 2-slat deep bench), triple process coated (PPC) finish
- Anti-skate devices fitted to front timber slat
- Steelwork polyester powder coated to any RAL colour
- Timbers with UV protective finish

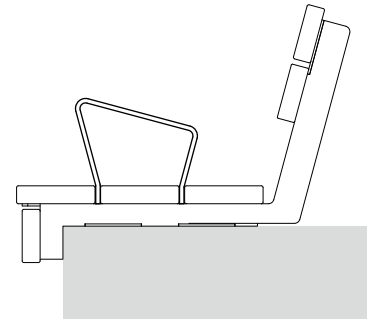
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Optional armrests

Armrests are a valuable aid for less able-bodied people to lower themselves onto or alight from a seat, and are also useful in discouraging anti-social behaviour such as skating and rough sleeping. Standard spacings of armrests will divide the platform into approx 500mm wide seating areas. Armrests are available on 3-slat deep benches and seats, and any suitable number of arms can be used. Central armrest(s) are a popular choice as it leaves the ends of the seating platform free of obstructions, enabling wheelchair users to manoeuvre onto the seat. Armrests are robust folded solid steel bars, generally supplied in the same finish as for other steelwork components used on the rest of the seat.



Bench armrest



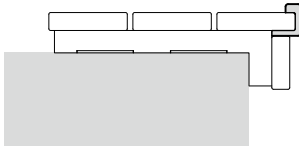
Seat armrest



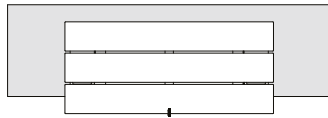
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Optional anti-skate

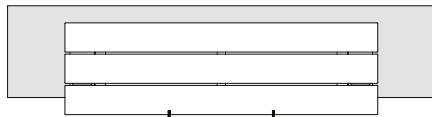
Armrests can serve as useful obstructions to skateboarders but might not always be required on a seat. A more discrete and cheaper skate deterrent alone can be provided by dedicated steel blocks fitted to the front platform slat, at spacings to coincide with standard seating positions, and supplied in either mild steel in a galvanised or powder coated finish, or stainless steel if preferred.



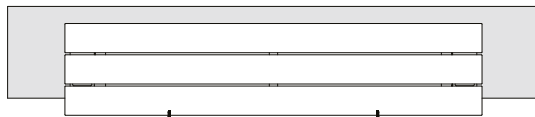
Side view



2-person / 1000mm platform: 1 x anti-skate (plan view)



3-person / 1500mm platform: 2 x anti-skate (plan view)



4-person / 2000mm platform: 2 x anti-skate (plan view)



LAPA GABION SEATING RANGE



Case study:

Centre for Innovation & Enterprise, Oxford

Begbroke Science Park, owned and managed by Oxford University, is located in an attractive rural landscape to the north of the city. The site 'where science and industry meet' comprises offices, workshops and laboratories for applied academic activity, with a flourishing mix of researchers from various science and technology fields working alongside entrepreneurs with associations to investors and multinationals. This vibrant community required more than workspace alone, with new external spaces around the reception and administration buildings providing informal areas to meet and relax. The scheme is a mix of pathways, hard spaces and lawns, with divisions between marked by a series of stone-filled gabion walls. Lapa was the ideal choice to economically convert selected gabions into comfortable seating provision. 15 individual seating units were provided, in various lengths, some as bench-only platforms and others with backrests. The galvanised steelwork to the Lapa perfectly complements the gabion wire cages, and the iroko hardwood slats were supplied with UV protective finish to improve long term performance and enhance its colouration.

LAPA GABION SEATING RANGE



ELEMENTS® GABION SEATING RANGE



Seating platforms on gabion cubes

Elements is a unique modular seating range, designed by and exclusive to Furnitubes, with many standard built-in options, one of which is a gabion platform support. This popular configuration is offered in two standard lengths to accommodate 3 or 4 people, with 2 and 3 gabion baskets respectively and in standard and XL depths. Gabions are supplied flat-packed for on-site filling and should be bolted down to the ground in advance (full instructions are provided with each delivery). Bagged 50-75mm Scottish beach cobbles are offered as a standard infill or if preferred you can use your own local material suitable for the 50 x 50mm mesh. Armrests and backrests are popular add-on features to the bench platform, with the many other optional features detailed in the Elements e-brochure.



To find the full range of products in the Elements range please use the search facility on our website, or alternatively view or download the Elements e-brochure at the following link:

<http://www.furnitubes.com/brochures/seating-e-brochures>

ELEMENTS®

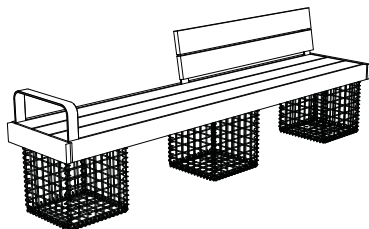
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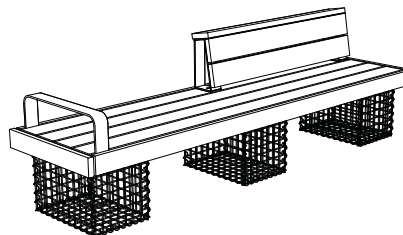
Model shown:

2450mm long, large timber slats, half length backrest, single armrest



Model shown:

2615mm long, large timber slats, half length standard height perch backrest, single armrest



ELEMENTS STANDARD SEATING

GABION BASKET SUPPORTS

Galvanised steel chassis with iroko slats & fascias

Gabion basket supports and connecting sub-frame, all galvanised steel.

(Gabion aggregate fill not supplied as standard)

ELMGB

Bench (2 gabion baskets), 1850mm long x 510mm deep

ELEGB

Bench (3 gabion baskets), 2450mm long x 510mm deep

ELEMENTS XL SEATING

GABION BASKET SUPPORTS

Galvanised steel chassis with iroko slats & fascias

Gabion basket supports and connecting sub-frame, all galvanised steel.

(Gabion aggregate fill not supplied as standard)

EXMGB

Bench (2 gabion baskets), 2015mm long x 675mm deep

EXEGB

Bench (3 gabion baskets), 2615mm long x 675mm deep

OPTIONS:

- Other timber slat sizes & orientation
- Backrest(s)
- Armrest(s), triple process coated (PPC) finish
- Anti-skate
- Tablet surface
- Steel fascia
- Gabion fill, 50-75mm Scottish beach cobbles for on-site filling
- Timbers with UV protective finish

OPTIONS:

- Other timber slat sizes & orientation
- Backrest(s), standard or high
- Perch-top to standard height backrest
- Armrest(s), triple process coated (PPC) finish
- Anti-skate
- Tablet surface
- Steel fascia
- Gabion fill, 50-75mm Scottish beach cobbles for on-site filling
- Timbers with UV protective finish



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View or download other product e-brochures at the following link:

www.furnitubes.com/brochures



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 **Furnitubes®**

3rd Floor, Meridian House, Royal Hill, Greenwich

LONDON SE10 8RD

T: +44 (0)20 8378 3200

sales@furnitubes.com

www.furnitubes.com