



perduraplay.

# BUTACAS



## Retractable Seating Solutions



### Wall Attached Unit

Our most popular telescopic seating solution, the seating system supplied from 3 to 30 tiers, are extremely adaptable and efficiently recover floor space, allowing you to easily get the most out of your facilities at all times.

### Travelling Unit

A hybrid of recessed or wall attached and portable banks, travelling units use integral power to drive the entire bank from one setup position to another. Set-up time is greatly reduced compared to individual portable sections.



### Freestanding Unit

For some buildings, there are permanent large columns or weak loading rear wall, the freestanding units is the ideal solution.



### Recessed Unit

This system utilizes a pocket in the wall to house the bleacher when closed. The ends may or may not be exposed and the bleacher is hidden from view typically under a balcony or niche. Recessed bleachers are outfitted with upper and lower tracking guides, removable end rails, and can accommodate custom transition step to the balcony when required.



### Portable Unit

Smaller units can be moved around within the space using a pair of lifting dollies or for ultimate versatility our integrated 360 swivel dollies allow your facility staff to move the units in any direction with a minimum of effort.

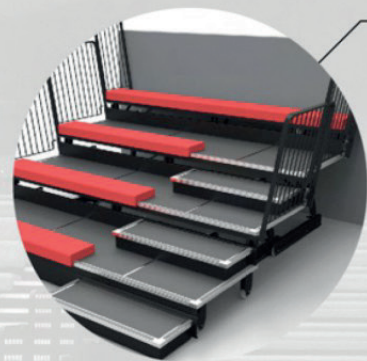


### SIM01 Series-Bench

The SIM01 Series HDPE Bench seat is our simple multifunctional seating option for gyms and multi-purpose facilities.

#### Features

- Ergonomically designed for maximum comfort
- Most cost-effective
- Extra legroom and easy bleacher cleaning



### SIM02 Series-Upholstered Bench

LDK SIM Upholstered Bench is a popular, practical and comfortable alternative to individual seats.

#### Features

- Fully upholstered seat base and integral front fascia.
- Leather or Fabric Upholstery is available.
- Backrest is available.

### SIM03 Series-Bamboo Bench

When clients are looking for Looks Feels, and Performs like hard wood ,but they are environmentalists, then LDK bamboo bench is the perfect choice. Hand-selected ash timber bench is available.

#### Features

- Environmentally Friendly
- Durable for Bench
- High Cost-Effective
- Easy to Maintain
- Water-Resistant



### MID01 Serie – fold seat

The MID01 Foldable Seat is one of the most popular seats that is available with cost effective backrest from our diverse range of seating.

#### Features

- Integrated ergonomically designed for superior comfort
- Its simplicity within its design allows for greater flexibility
- Blow moulded construction for greater strength and comfort



### MID02 Series-Wooden fold seat

When the desire is for a warm and natural appearance, LDK MID02 Wooden Chair is the perfect choice. This multipurpose wooden seat is made of durable plywood, intended for medium and large-sized indoor venues.

#### Features

- Tip-up backrest attached to metallic brackets.
- Mounted to the front or rear of telescopic stand platform.
- Padded or Upholstered seat is available upon request

## MID03 Series – fold seat

The MID03 Seat is one of the most popular seats which is blow mounted tip up chair. The integrated ergonomically design delivers superior comfort and ensures long-term durability.

### Features

- Integrated ergonomically designed for superior comfort
- Its simplicity within its design allows for greater flexibility
- Comply with EN12727 loading test. Fire resistance complies with BS 5852
- Blow mould construction for greater strength and comfort



## HIG Upholstered Chair

LDK has an upholstered chair option designed for many different performing art venues, arenas, conference centers, theatres and Auditoriums where the need is for a comfortable upholstered chair, combining superb quality and value.

### Features

- Designed for comfort with good lumbar support
- Slim profile for safe and easy access
- Enclosed spring tip mechanism for safety and silent action
- Armrests automatically fold away as the chair tips up



## Accessories

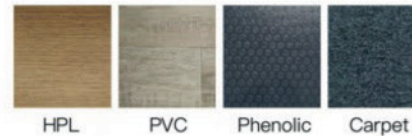
### Rail Systems

LDK offers you the choice of different rail applications. Rails can be Self-Storing Vertical Removable or Vertical Foldable End Rails or can be specified for the sides, front, rear or aisles of the seating units.



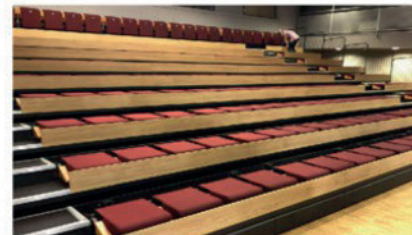
### Decks

Available with HPL Veneer Coated, Phenolic Coated, Vinyl Coated, Carpet Coated Plywood Decks.



### Fascia Panels & Aisle Infill Panels

Decorative fascia panels are to disguise the decking structure when the seating unit closed, with removable sections in aisle positions.



### Vinyl End Curtains

Vinyl End Curtains close-off the ends of the bleacher with a heavy duty vinyl or PVC mesh curtains. Fabric End Curtains or End Drapes are available upon request.



### LED Aisle Light

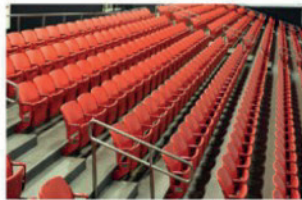
An extra choice of aisle lighting systems.



### Other additional accessories include:

- Seat Number and Row Identification
- Video Platform
- Column Cut-Outs that extend cut from the wall
- Elevated Front Walkways
- Variable Row One Device (VR 1)
- Extended Back Panels
- Balcony Access Steps
- Partial Opening
- Motion Monitor

## Stadium Seating



LDK Sport provides indoor or outdoor fixed seating needs to be durable, comfortable, safe and functional. With a range of features and finishes you need to talk to a LDK expert today to talk through your requirements.

Cost-effective range and luxury range of fixed plastic chairs are all designed for long-lasting durability, easy maintenance and spectator comfort – ideal both outdoors and inside.



### MID05 Seat

It is cost-effective range of fixed plastic chair, MID05 seat-Middle Backrest is designed for long-lasting durability, easy maintenance and spectator comfort - ideal both outdoors and indoors.

#### Features

- The hole allows the seat easy to drain the water.
- Our triple fixings make it more resistant to vandalism, suitable for high use situations.
- Fit the shape of the body
- Vandal-proof construction
- Riser Mounted or Floor Beam Mounted are available upon request.



#### Dimensions:

Seat Width: 420mm  
Seat Depth: 460mm  
Overall Seat Height: 320mm



### MID06 Seat

LDK MID06 PP Injection Seat is adapted to the shape of the body and offers optimum comfort in line with FIFA recommendations.

#### Features

- The groove design allows the seat easy to drain the water.
- Our triple fixing (2 vertical to the step and 1 horizontal on the mirror of the step) make it more resistant to vandalism, suitable for high use situations.
- Ergonomically designed for the utmost comfort for sport events' spectators.
- Riser Mounted or Floor Beam Mounted are available upon request.

#### Dimensions:

Seat Width: 420mm  
 Seat Depth: 450mm  
 Overall Seat Height: 330mm



### MID07 Tip-Up Chair

The Seat is one of the most popular seats which are available from our diverse range of seating. It is a revolutionary new design.

#### Features

- The integrated ergonomically design delivers superior comfort and ensures long-term durability.
- The beam rail fixing system that the MID07 uses allows obtaining a customized and flexible audience capacity.
- Ergonomically designed for the utmost comfort for sport events' spectators.
- Comply with EN12727 loading test.
- Fire resistance complies with BS 5852

#### Dimensions:

Seat spacing minimum: 480mm  
 Seat width: 460mm  
 Seat height: 430mm  
 Seat pan depth: 530mm  
 Closed position depth: 280mm

## HIG02 Tip-Up Chair

LDK has an upholstered chair option designed for many different performing art venues, arenas, conference centers, theatres and auditoriums where the need is for a comfortable upholstered chair, combining superb quality and value.

### Features

- Designed for comfort with good lumbar support
- Slim profile for safe and easy access
- Enclosed spring tip mechanism for safety and silent action
- Armrests automatically fold away as the chair tips up
- Comply with EN12727 loading test. Fire resistance complies with BS 5852.

### Dimensions:

Seat spacing minimum 500mm  
Seat width: 430mm  
Seat height: 470mm  
Chair Height: 860mm  
Seat pan depth: 620mm  
Closed position depth: 170mm



## Outdoor Bleacher

LDK outdoor bleacher consists of Aluminum Bench, Aluminum Bleacher, Angle Frame Bleacher, Temporary Bleacher and I Beam Bleacher which give clients different options. Bleacher is the word to describe the raised, tiered temporary or permanent metal structure stands for public and private arenas, stadiums, sports fields, or outdoor venues such as football, soccer, tennis courts etc. Bleachers are long rows of plank bench seating or other available seating, typically designed in an alternating steps- -and-seats configuration.

## Aluminum Bench

LDK Sports manufactures a wide variety of standard modular benches which are perfect for indoor and outdoor use. They are ideal for gymnasiums, indoor or outdoor basketball, volleyball, swimming pools and tennis courts etc. These benches are durable, economical and maintenance -free, ideal for fields and playing courts of any kind. The benches are constructed of tough extruded aluminum with aluminum frames. Standard Bench is without a backrest. Custom sizes are also available.

Aluminum Bench						
Model A	Model B	Seat Qty	L (mm)	W (mm)	H (mm)	Note
AB1-108	AB2-108	5	2250	400	460	
AB1-112	AB2-112	8	3600	400	460	
AB1-115	AB2-115	10	4500	400	460	
AB1-119	AB2-119	13	5850	400	460	

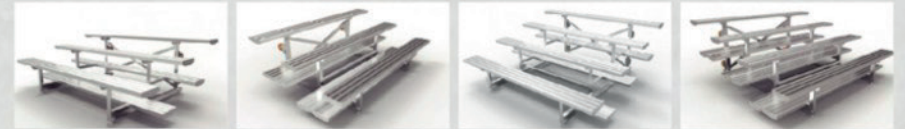


Portable Bench

Fixed Bench

## Aluminum Portable Bleacher

Aluminum Portable Bleacher					
Model	Seat Qty	L (mm)	W (mm)	H (mm)	Note
APB-308	15	2250	1440	745	Single Foot Plank
APB-308D	15	2250	1440	745	Double Foot Planks
APB-312	24	3600	1440	745	Single Foot Plank
APB-312D	24	3600	1440	745	Double Foot Planks
APB-315D	30	4500	1440	745	Double Foot Planks
APB-319	39	5850	1440	745	Single Foot Plank
APB-319D	39	5850	1440	745	Double Foot Planks
APB-408	20	2250	2040	910	Single Foot Plank
APB-408D	20	2250	2040	910	Double Foot Planks
APB-412	32	3600	2040	910	Single Foot Plank
APB-412D	32	3600	2040	910	Double Foot Planks
APB-415D	40	4500	2040	910	Double Foot Planks
APB-419	52	5850	2040	910	Single Foot Plank
APB-419D	52	5850	2040	910	Double Foot Planks



Aluminum Portable Bleacher with Aluminum Seat Plank



Aluminum Portable Bleacher with Bench Seat

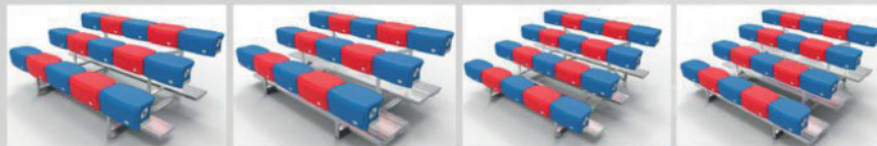
## Aluminum Fixed Bleacher

LDK Sports' fixed bleacher is engineered for safety, easy assembly, and durability. The all-aluminum framework is combined with anodized aluminum seat planks and mill-finished foot planks. This fixed bleacher system is with little or no maintenance for years to come.

Aluminum Fixed Bleacher					
Model	Seat Qty	L (mm)	W (mm)	H (mm)	Note
AFB-308	15	2250	1440	745	Single Foot Plank
AFB-308D	15	2250	1440	745	Double Foot Planks
AFB-312	24	3600	1440	745	Single Foot Plank
AFB-312D	24	3600	1440	745	Double Foot Planks
AFB-315D	30	4500	1440	745	Double Foot Planks
AFB-319	39	5850	1440	745	Single Foot Plank
AFB-319D	39	5850	1440	745	Double Foot Planks
AFB-408	20	2250	2040	910	Single Foot Plank
AFB-408D	20	2250	2040	910	Double Foot Planks
AFB-412	32	3600	2040	910	Single Foot Plank
AFB-412D	32	3600	2040	910	Double Foot Planks
AFB-415D	40	4500	2040	910	Double Foot Planks
AFB-419	52	5850	2040	910	Single Foot Plank
AFB-419D	52	5850	2040	910	Double Foot Planks



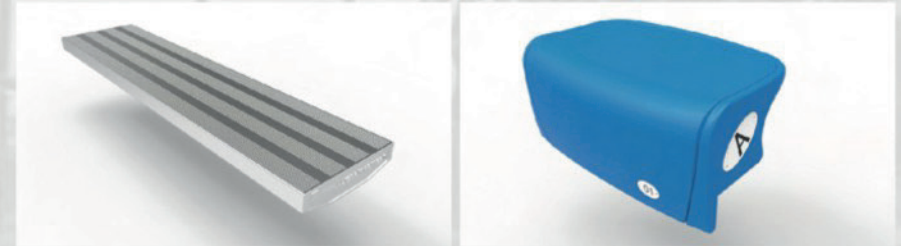
Aluminum Portable Bleacher with Aluminum Seat Plank



Aluminum Portable Bleacher with Bench Seat

## Angle Frame Bleacher

LDK Sports' Angle Frame Bleacher is a permanent bleacher, available in elevated and non-elevated versions. It offers maximum strength but low maintenance cost. Angle Frame Bleacher is either attached to a concrete flooring, grassland or can be fixed by using expansion bolts. Depending on different climate in different countries or districts, all bleachers may need to be fixed to meet wind load requirements and require a level site.



Aluminum Bench

SIM01 Bench

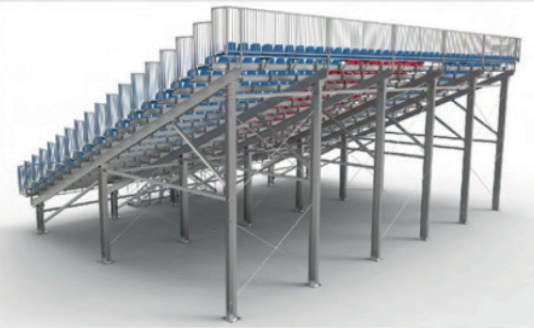


MID06 Seat

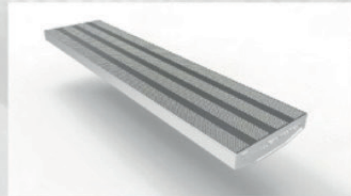
MID05 Seat

## I Beam Bleacher

LDK Sport's I-Beam structures Bleacher that delivered long life, low maintenance and a great visitor experience. These structures offer the most design flexibility. The design could be adapted to accommodate site and terrain configurations. Columns are typically placed apart but design options can accommodate parking, restrooms and other storage facilities under the structure.



I-Beam structures are fabricated from wide flange steel shapes, Hot-dipped Galvanized or Powder Coated after fabrication, and are anchored to concrete foundations



Aluminum Bench



MID06 Seat



MID05 Seat



SIM01 Bench



MID03



## Demountable Bleacher

LDK Sports' Demountable Bleachers are the most popular grandstands to meet the temporary usage no matter at indoor and outdoor events.

Configurations and layouts are flexible and wide- -ranging, and our skilled draftsmen and installation teams are on hand to create the ideal solution for your event or venue.

Our Demountable Bleacher utilizes horizontal, vertical, and diagonal galvanized tubing members to create modular sizes. The vertical supports are made up of different lengths of tubing with connection devices (known as stirrups, rings, or cups) attached to them. The diagonals and horizontals have connections known as wedges. These two wedge connections bond together and create a very strong and rigid link. The installation time is faster since no fasteners are needed during installation process.



MID05 Seat



MID06 Seat

## Safety Test



## Certificate

- CE Standard (ref EN 13200-5:2006) BS 5950 Structural Use of Steelwork in Buildings
- BS6399-1:1966 Loading for Buildings: Dead & Imposed Loads
- BS5852 Fire Resistant
- AS/NZS 1170. Seismic Gravity & Lateral Loads
- ISO 4892-3 : 2016 Anti-UV Test for Outdoor Chairs.
- EN 12727:2000 Chair Loading Test for the strength and durability.
- EN61000-6-1, EN61000-6-3, EN61000-3-2, EN 61000-3-3, EN61439-2



