

Colors and sizes of products in this catalog are for reference only.
Please see actual products for standard colors and sizes.



HDPE Seat / Bleachers / Grandstand/ Dugouts

Arena Seating



SHANGHAI SMOYU INDUSTRY CO., LTD.
Add: Bd 1, Haikun Rd No.1, Shanghai, 201318, China
Tel: +86-13127951153
Email: Jason.h@arena-seating.com
<https://www.arena-seating.com>

SHANGHAI SMOYU INDUSTRY CO., LTD.

Smoyu Industry- A Global Provider of Stadium Seating Solutions

Established in 2006, we specialize in manufacturing premium stadium seating systems for sports complexes, educational institutions, and public venues across China. Expanding globally since 2017, we now deliver our engineered seating solutions to clients worldwide.



Our 3,800+ sqm advanced production facility employs over 100 professionals, including a dedicated R&D team. Equipped with cutting-edge technology—CNC shearing/bending machines, automated punching/rolling lines, and powder coating systems—we ensure precision manufacturing and consistent quality control.

ENTERPRISE PROFILE

企业简介



We design and manufacture:

- Fixed blow-molded stadium seating
- Theater & auditorium seating systems
- Structural bleachers & retractable seating
- Demountable staging solutions
- Educational furniture (desks/chairs)
- Children's furniture

Serving indoor/outdoor venues including stadiums, training facilities, lecture halls, and multifunctional spaces across 30+ countries.



CATALOG/ 目录

01/13

HDPE Seat(fixed/folding)

14/16

PP Seat

17/34

Retractable Bleachers

35/40

Alumium Potable Bleachers

41/45

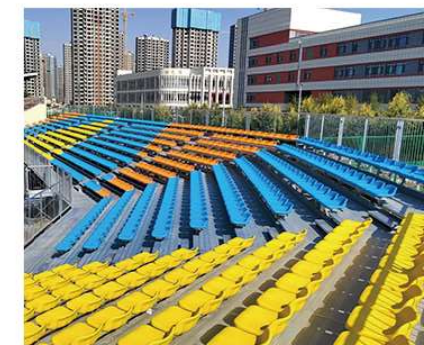
Scaffolding Stands

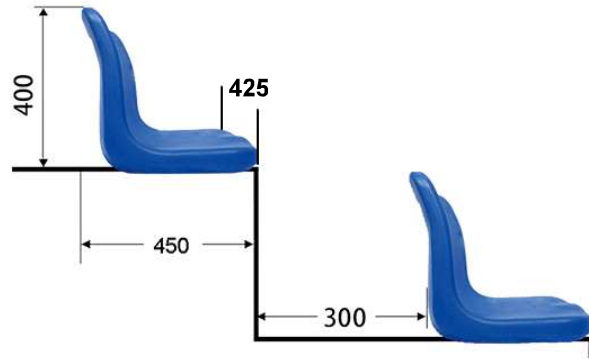
46

H-beam Structure Bleachers

47/52

Substitutes Bench



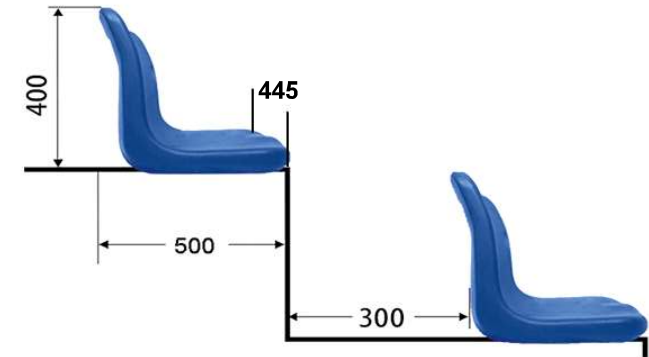


ZK01 High backrest seat

Net weight: 2.35 KGS

Color: Red\Blue\Green\Customized

Size: W425*D450*H400(mm) Feature: Anti-aging, UV-resistant, Fire-proof



ZK01B Large High backrest seat

Net weight: 2.6 KGS

Color: Red\Blue\Green\Customized

Size: W445*D500*H400(mm) Feature: Anti-aging, UV-resistant, Fire-proof

Installation methods



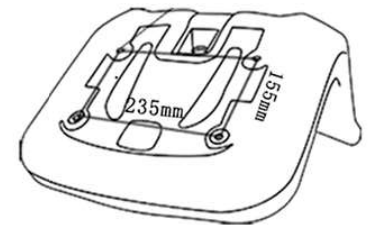
A: Mounted to stairs with iron dish

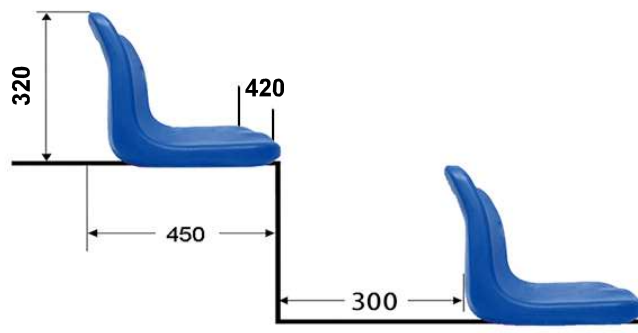


B: Mounted with vertical stands



C: Mounted on side stairs with side brackets



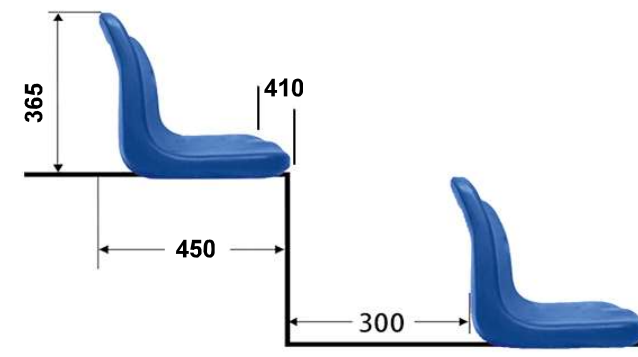


ZK02 Middle High backrest seat

Net weight: 1.95 KGS

Color: Red\Blue\Green\Customized

Size: W420* D450* H320(mm) Feature: Anti-aging, UV-resistant, Fire-proof



ZK04 Middle High backrest seat

Net weight: 1.95 KGS

Color: Red\Blue\Green\Customized

Size: W410* D450* H365(mm) Features: Anti-aging, UV-resistant, Fire-proof

Installation methods



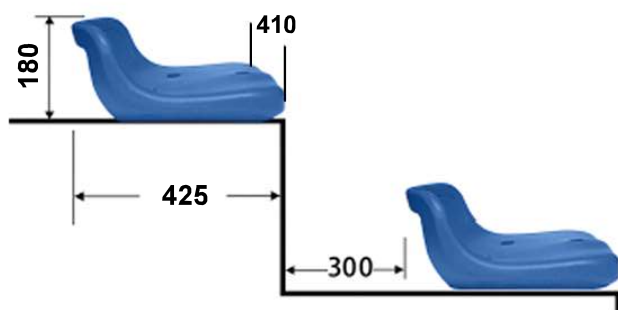
A: Mounted to stairs with iron dish



B: Mounted with vertical stands



C: Mounted on side stairs with side brackets

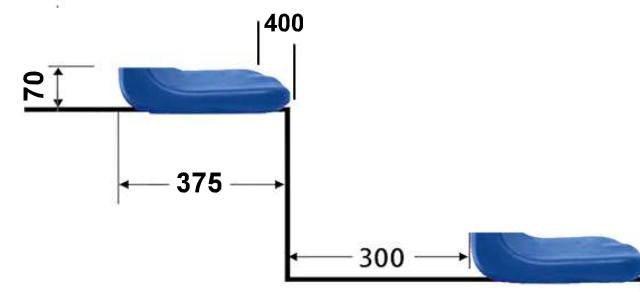


ZK05 Low backrest seat

Net weight: 1.45 KGS

Color: Red\Blue\Green\Customized

Size: W410*D425*H180(mm) Feature: Anti-aging, UV-resistant, Fire-proof



ZK06 Flat seat

Net weight: 1.25 KGS

Color: Red\Blue\Green\Customized

Size: W400*D375*H70(mm) Feature: Anti-aging, UV-resistant, Fire-proof

Installation methods



A: Mounted to stairs with iron dish



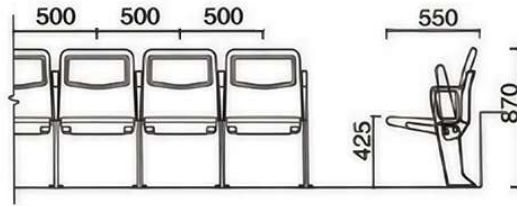
B: Mounted with vertical stands



C: Mounted on side stairs with side brackets

SMOYU

HDPE Seat



Color: Red\Blue\Green\Costomized

Size:W500*D550*H870(mm)

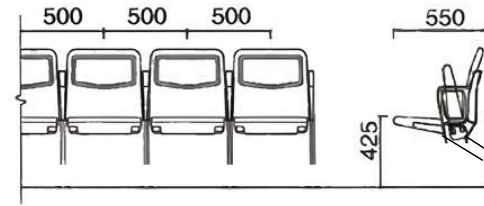
Feature: Anti-aging,UV-resistant,Fire-proof

FB011 Folding Chair



HDPE Seat

SMOYU



Color: Red\Blue\Green\Costomized

Size:W500*D550*H830(mm)

Feature: Anti-aging,UV-resistant,Fire-proof

FB012 Folding Chair





FB014-T Folding Chair

Color: Red\Blue\Green\Costomized

Size:W450*D630*H850(mm)

Feature: Anti-aging,UV-resistant,Fire-proof



FB015-A FB015-B

Color: Red\Blue\Green\Costomized

Size:W425*D450*H743(mm)

Feature: Anti-aging,UV-resistant,Fire-proof



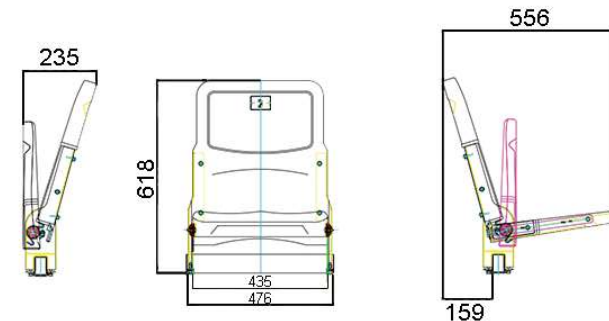
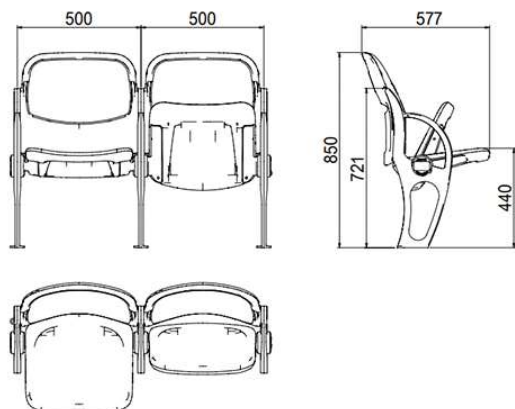


FB016 Folding Chair

Color: Red\Blue\Green\Costomized

Size:W500*D577*H850(mm)

Feature: Anti-aging,UV-resistant,Fire-proof



FB017 Folding Chair

Color: Red\Blue\Green\Costomized

Size:W476*D556*H618(mm)

Feature: Anti-aging,UV-resistant,Fire-proof, Handle optional

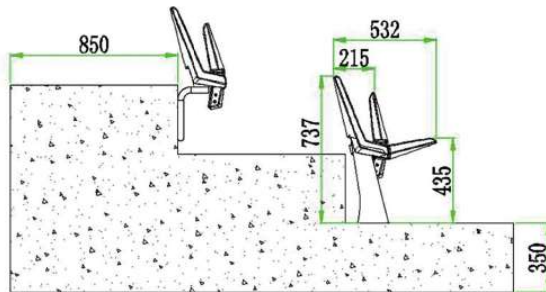
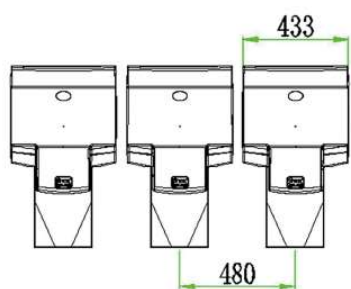


FB018 Folding Chair

Color: Red\Blue\Green\Costomized

Size:W433*D532*H737(mm)

Feature: Anti-aging,UV-resistant,
Fire-proof

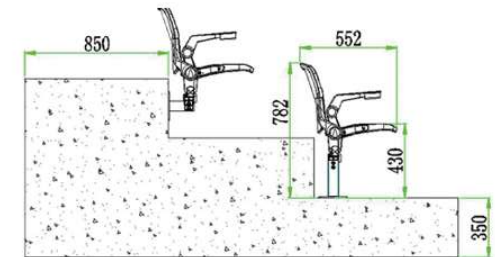
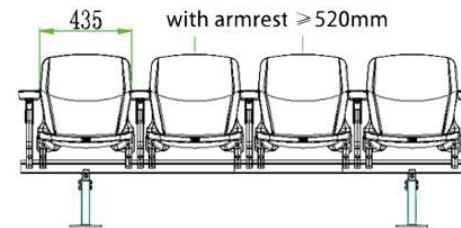


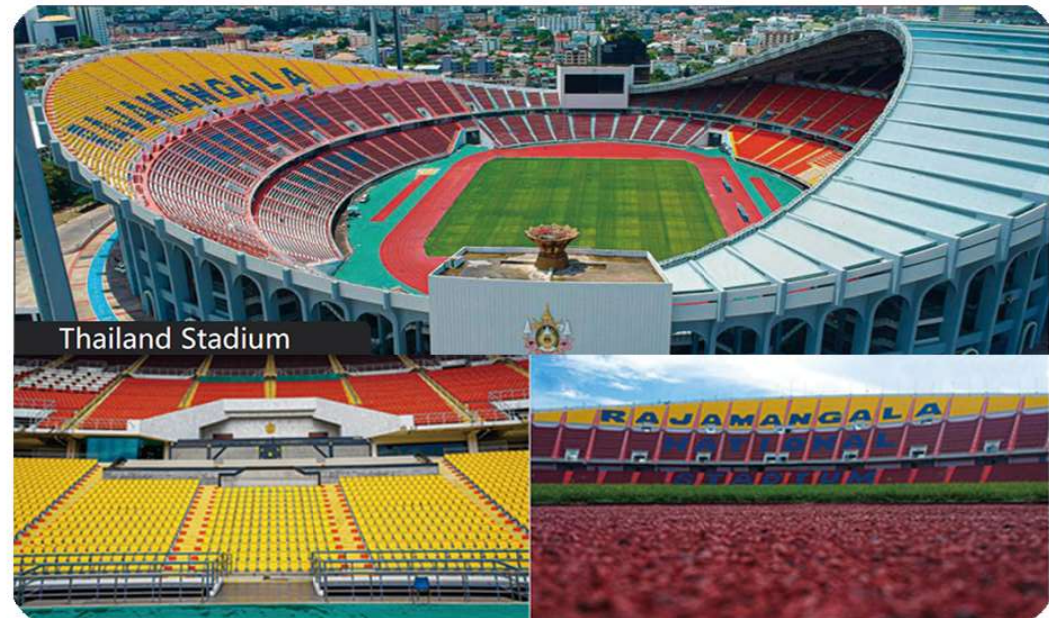
FB019 Folding Chair

Color: Red\Blue\Green\Costomized

Size:W435*D552*H782(mm)

Feature: Anti-aging,UV-resistant,
Fire-proof, Handle optional



**FB019 Chair****FB019 with Cup-
holder Armrest****FB019 with
Armrest****FB019 with
Cushion**

Retractable Bleachers System

- The retractable bleacher system offers smooth, free-opening operation for ultimate flexibility. Engineered for safety, stability, and efficiency, it maximizes venue space utilization.



- This versatile system is the ideal seating solution for diverse applications including gymnasiums, schools, event centers, auditoriums, and multi-purpose facilities.

Manual & Remote Control

- Retractable platforms can be opened and closed with manual operation or remote control.



- Manual operation ≤ 8 rows (Trolley option)
- Remote control: the rate of the open and close is 0.126m/s.



Three Mounting Solutions

Tailored to venue specifications, our distinct mounting configurations maximize space efficiency while enabling operational versatility.



Wall Mounted

When fully retracted, the system stores vertically against the wall, maximizing venue floor space.



Recessed

Installs beneath balconies with optional vertical integration between ground and first floors for space efficiency.

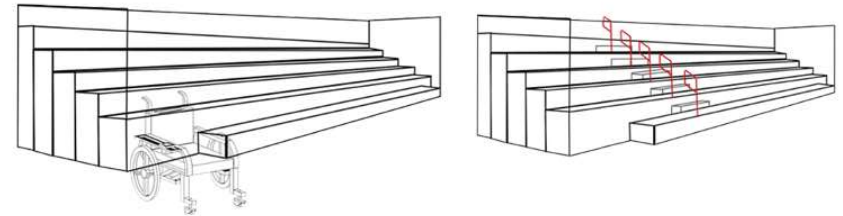


Portable Design

Reposition seating units to match event configurations while maximizing usage efficiency

Accessible Seating Zone & Safety Rail

- ADA-Compliant Wheelchair Areas: Strategically positioned for optimal accessibility.
- Aisle Railings: Integrated safety barrier ensuring security

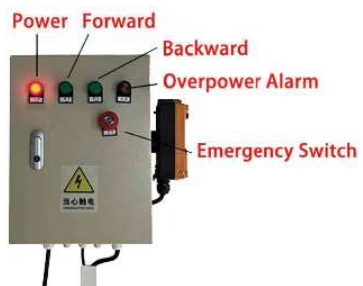


Brand Integration & Design Customization

- Custom Logos: Seamlessly incorporated into venue's identity
- Color Personalization: Select various colors to enhance aesthetic impact



Electronic Option: 380V 60HZ / 110V 50HZ



Moveable stand

≤ 8 rows



Stop
Forward
Backward
Start



Forward
Backward
Sudden stop



loading capacity
1.5-5 tons

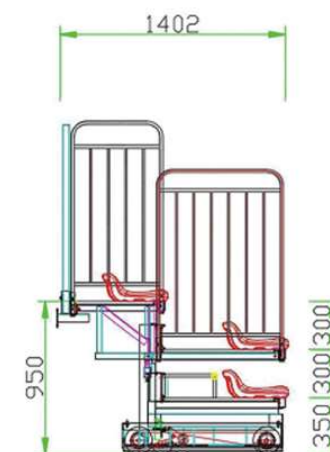
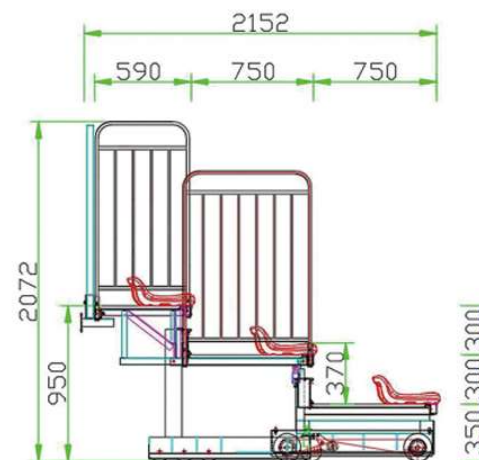
ZK-05

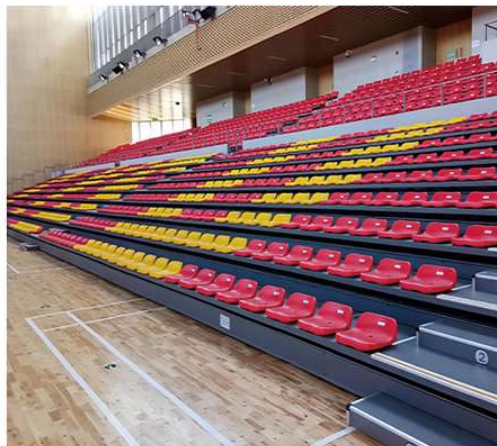
Size: W410*D425*H180(mm)

Material: HDPE

Installation: Front mounted

Application: school, stadium,
sport venue, concert hall, university





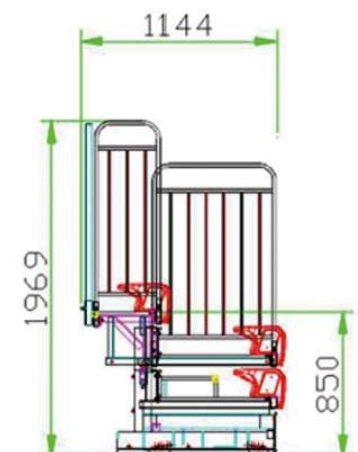
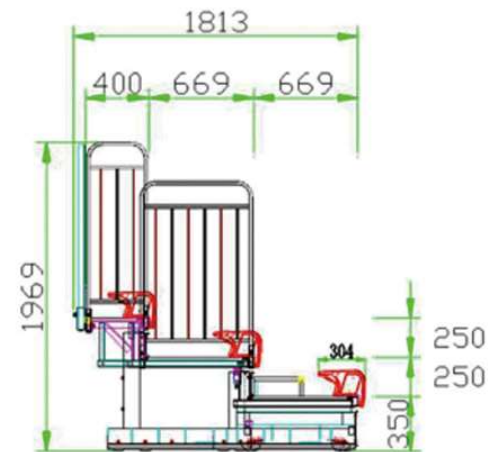
ZK-08

Size: W455*D304*H235(mm)

Material: HDPE

Installation: Front mounted

Application: school, sport venue, gymnasium





FB017 Size:W400*D450*H315(mm)
 Material: HDPE
 Installation: Rear-folding
 Application: school, sport venue, gymnasium

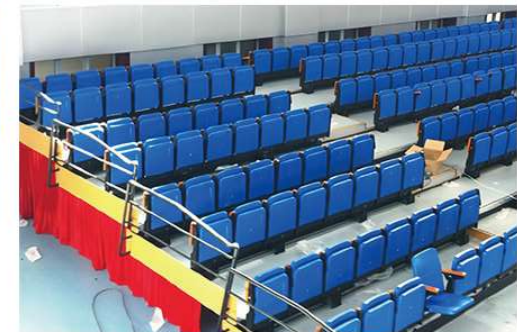


No armrests



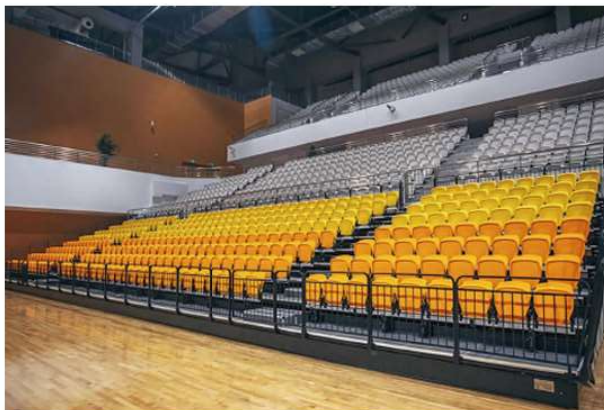
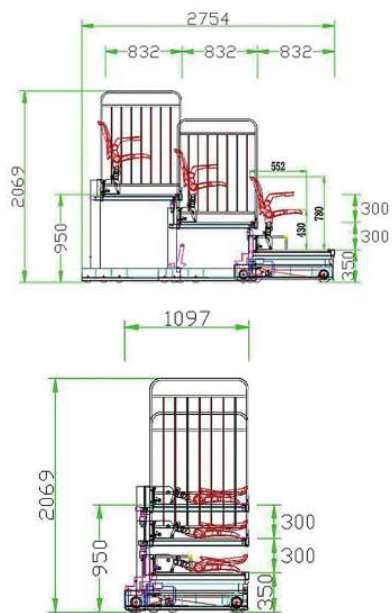
With armrests

*Width of each seat:500mm
 Depth of each row:850mm
 Height of each row:300mm*



FB019

Size: W480*D552*H780(mm) Material: PP
 Application: concert hall, studio meeting room,
 venue, auditorium, multi-function hall
 Optional Accessories: Padded, Cup Holder, Armrest
 Installation: Front mounted / Rear-folding



FB020

Material: HDPE
 Application: concert hall, studio meeting
 room, venue, auditorium, multi-function hall
 Installation: Front mounted

1. Width of each seat: 500mm
2. Depth of each row: 850mm
3. Height of each row: 280mm



AC-450

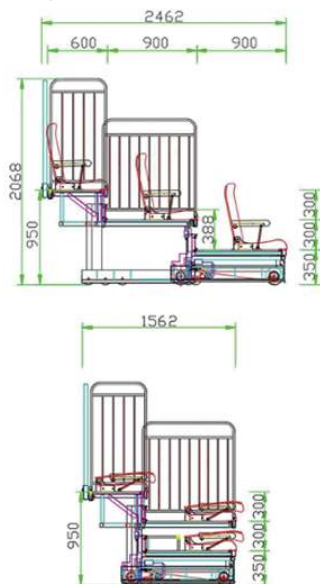
Size: W450*D620*H650(mm)

Material: Upholstered

Application: cinema, meeting room, venue, auditorium, concert hall

Installation: Front mounted

Deck optional: laminate with PVC / Carpet



AC-510

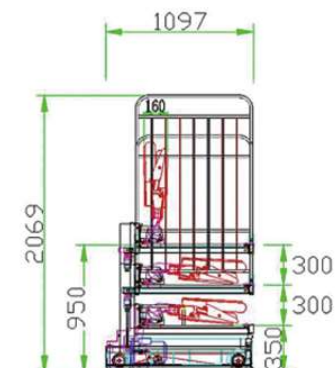
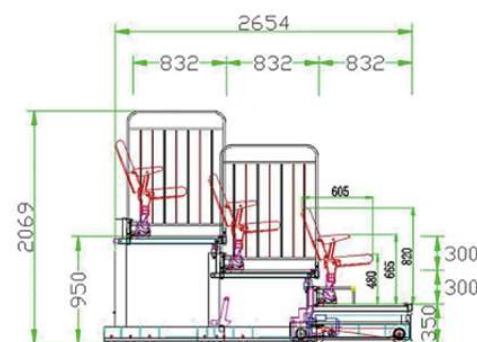
Size: W510*D620*H650(mm)

Material: Upholstered

Installation: Rear-folding

Application: cinema, meeting room, venue, auditorium, concert hall

Deck optional: laminate with PVC / Carpet



AC-765

Material: Upholstered Installation: Rear-folding

Application: cinema, meeting room, venue, auditorium, concert hall

Deck optional: laminate with PVC / Carpet

Width of each seat:500mm

Depth of each row:850mm

Height of each row:300mm



AC-768

Material: Upholstered

Installation: Front mounted / Rear-folding

Application: cinema, meeting room, venue, auditorium, concert hall

Deck optional: laminate with PVC / Carpet

Width of each seat:500mm

Depth of each row:850mm

Height of each row:300mm



AC-780

Material: Upholstered Installation: Rear-folding
 Application: cinema, meeting room, venue,
 auditorium, concert hall
 Deck optional: laminate with PVC / Carpet

Width of each seat: 520mm

Depth of each row: 900mm

Height of each row: 330mm

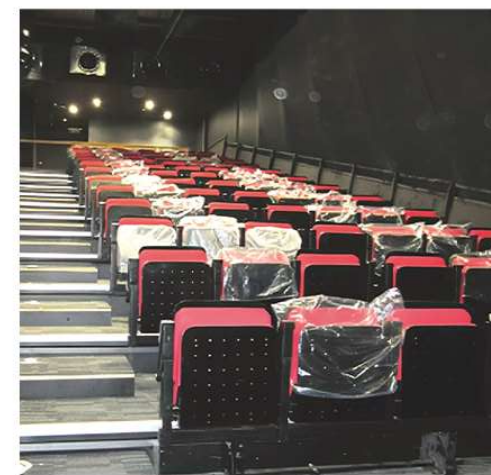
**AC-790**

Material: Upholstered Installation: Rear-folding
 Application: cinema, meeting room, venue, auditorium, concert hall
 Deck optional: laminate with PVC / Carpet

Width of each seat: 500mm

Depth of each row: 900mm

Height of each row: 330mm



Material & Construction

Aerospace-grade aluminum frame with precision-welded alloy profiles

Structural System

Reinforced aluminum substructure, anti-slip tread platforms, and ergonomic seating modules

Key Advantages

Feature	Benefit
Modular architecture	Rapid configuration & seamless
Intuitive operation	Single-person deployment in minutes
Scalable configurations	Custom layouts for any venue footprint
Integrated mobility system	Effortless relocation & space-saving



Ideal Applications

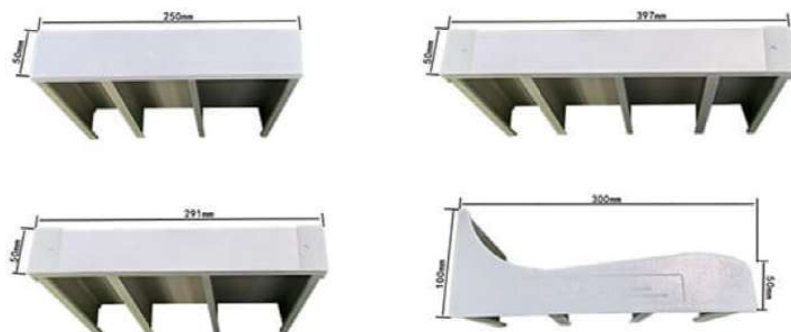
- Compact sports facilities
- Multipurpose venues
- Leisure complexes
- Educational institutions
- Indoor/outdoor arenas


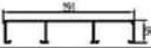
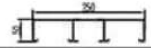
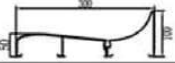
Compact Series Highlights

- On-Demand Capacity Solutions, instant seat expansion for temporary events
- Wheel-assisted transport & vertical storage

Aluminum Bleachers Specifications

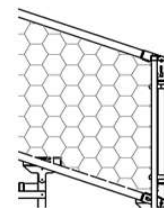
- Tread: 580/610/700/800/820mm
- Rise: 150/200/250/300mm
- Applicable seats: Integrated blow-molded chairs like ZK series. They can be installed flat or vertically.
- Seat color: red, yellow, green, orange, blue and customized.
- Rigid aluminum plank:



Plank Options	250*50*2mm	291*50*2mm	397*50*2mm	300*50*2mm
				
Load Factor	1.77kN	2.06kN	2.81kN	2.13kN

Optional Configurations

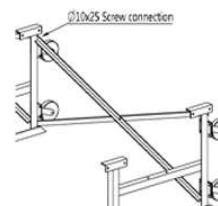
- Fence



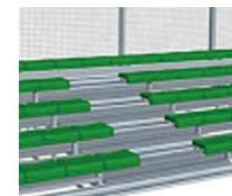
- Sunshade



- Universe wheels



- Passage



- Pedal single / double

2-5 Rows Aluminum Bleachers



Product	2 Rows Single Pedal
Length	3m/6m/Customized
Width	890mm
Height	600mm
Seat	12 seats/24 seats/...



Product	2 Rows With Seats
Length	3m/6m/Customized
Width	910mm
Height	600mm
Seat	12 seats/24 seats/...



Product	4 Rows Single Pedal
Length	3m/6m/Customized
Width	2400mm
Height	1345mm
Seat	24 seats/48 seats/...



Product	4 Rows Double Pedal + Seat
Length	3m/6m/Customized
Width	2430mm
Height	1345mm
Seat	24 seats/48 seats/...



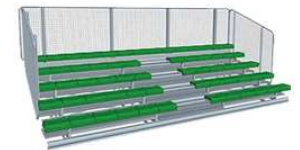
Product	3 Rows Single Pedal
Length	3m/6m/Customized
Width	1540mm
Height	600mm
Seat	18 seats/36 seats/...



Product	3 Rows Double Pedal + Seat
Length	3m/6m/Customized
Width	1540mm
Height	600mm
Seat	18 seats/36 seats/...



Product	5 Rows Without Aisle
Length	4m/Customized
Width	2965mm
Height	2293mm
Seat	45 seats/...



Product	5 Rows With Aisle
Length	6.3m/Customized
Width	3080mm
Height	2293mm
Seat	62 seats/...

Specification

Step Width: 700mm/850mm

Step Height: 250mm

Maximum Span: 1808mm

Number Of Rows: Up to 30 rows

Back Plank: Aluminum back panel

Treads Planks: Aluminum pedal waterproof board



Bottom Structure

- Inclined beam: Welded with 50x50x5mm angle steel and 160x80x3.75mm rectangular tube.
- Column: p48X3 round tube scaffold-type adjustable column for complex ground (low flatness, slope).
- Columns and inclined beams connected by high-strength bolts.
- Angle steel is connected horizontally and vertically. Columns fixed to the ground with cone nuts.

Pedal Options

- Metal bleachers usually have aluminum alloy pedals made of 6063 aluminum alloy with an anodized, textured surface for anti-slip and drainage.
- Indoor ones can also use 18mm thick laminated wooden pedals.



Advantages of scaffold grandstand seating

- Flexible: Ideal for temporary events, made of connectable units for variability.
- Durable: Hot-dip galvanized frame, anodized seats, smooth pedals. Indoor/outdoor, low-maintenance.
- High terrain adaptability: Feasible for uneven and hillside terrains.
- Customizable seating: Capacity tailored to needs, multiple seat types available.
- Usage options: Portable for temporary use or permanently installed.

Mainly Seat Models

ZK Series



FB Series





H-Beam Structure Bleachers

- **Structural Advantages:** The H-beam steel structure bleachers are sturdy, durable, and stable, and they are one of the excellent choices to replace traditional concrete bleachers.
- **Design Flexibility:** Design adjusts to site and terrain. Columns are spaced, allowing under-bleacher space for parking, restrooms, storage.
- **Manufacturing Process:** Made of wide flange steel, with hot-dip galvanization post-manufacturing.
- **Anti-corrosion & Eco-features:** Hot-dip galvanized steel prevents rust in sun and wind.
- **Components are bolted and recyclable.**
- **Seat Adaptability:** All our seat models fit this system.
- **Application:** Medium/small structures are widely used in high schools, universities, football fields.



Substitutes Bench Specification

- Rows: 1 Row / 2 Rows



- Seat Material: HDPE plastic seat / High-tech imitation leather soft seat, all-weather UV protected



- Seat color: Red, Blue, White, Black...
- Seat Quantity: 2 seats, 4 seats, 6 seats, 8 seats, 10 seats and more
- Seat logo: Customized club logo, sponsor branding

- Shelter: Outdoor special 4 mm extra thick PC endurance board, anti-UV and anti-aging, shatterproof, weatherproof, and can withstand heavy ball impacts.



- Support frame: Rust resistance and long-life heavy-duty aluminium with customized polyester powder-coating
- Wheels: 360° castor wheels optional



- Application: sports / playground / soccer field
- Carrying Capacity: 550kg/m²

Seat Model



