



Product Range

STAGE EQUIPMENT

Curtain rails, curtains, projection screens, acoustic walls, ceiling awnings, riggings, stage lighting and sound systems

PLATFORM SYSTEMS

Project examples: Stages, stands, chorus and orchestra platforms

PLUG-IN LEG PLATFORMS

Standard, Standard Plus, Kompakt, Flexibel, Light, Master and Giga

SCISSOR PLATFORMS

BÜTEC 80, 100 and 1000, fold-down leg, Servostage and Servostage 1500

PLATFORM ACCESSORIES

Magnets, step lighting, handrails, stairs, connectors, covers, ramps, trolleys, rolls, Rolltec and special components

TRUSSES

2-point, 3-point, 4-point trusses and special constructions

ROOFINGS

Pent, undulating, gable, arched, pyramid, and saddled roofs, Starlight-FoH, special constructions, stage and grandstand trailers

SPORTS FACILITIES

Commentator booths, camera platforms, grandstands, partitioning curtains and ball nets

MOBILE FLOORING

Dance floors with parquet, multi-purpose laminate floors and protective coverings

FURNITURE

Barrier and guiding systems, stackable chairs, folding tables, coat racks, lecterns and individual furniture

TÜV-certified products and regularly monitored production



Tests are carried out with loads according to:

- DIN EN 13200, DIN 4112 and DIN 1055
 - additionally for a vertical load of 750 kg/m²
 - Rails also for a horizontal load of 200 kg
- all tests with a 1.7× safety margin according to DIN 4113



TÜV inspection books for complete systems

- Stages >75 m²
- Grandstands for indoor or outdoor use
- Roofings >5 m in height

BÜTEC

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BÜTEC – Your partner for stage technology and event equipment



BÜTEC products have not only been in constant use for over 30 years throughout the Federal Republic – internationally, too, you will find our systems and equipment in many theatres, concert halls and opera houses, multi-purpose halls, schools, or at open air events.

A proven system has prevailed.
Rely on quality.

The original BÜTEC is always identified by this sign:



Stationary platform construction of steel Everything from one single source by BÜTEC



empty hall



steel substructure



completed platform area

BÜTEC provides you with stage constructions made of steel and tailored for your hall. The steel elements are custom-fitted on the ground. Upon request, various levels e.g. as stage or seat elevation can be built. The surface coverings of linoleum or wood can be freely chosen. From planning through design to production, you have a contact person → **BÜTEC!**

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Use the area beneath the stage, too Ideally accessible with BÜTEC under-stage trolley



Under-stage trolley

**Individually designed,
constructed and built for you**

BÜTEC manufactures suitable trolleys for any stage – not only for stages made of platform systems. Gain valuable floor space. Stage trolleys on rolls, with or without rail system, offer valuable storage space for equipment temporarily needed at the events. Easily and quickly, the empty space beneath the stage is used; not only for seating and tables – music stands, decoration and scenery or backdrop can likewise be stored there.



International stage equipment worldwide Theatre equipment all over the world by BÜTEC



BÜTEC accompanies your project from the beginning. From the first sketch through architectural planning up to the final design

We gladly accept any challenge



No task is too big for us!



Stage equipment

We will be pleased to advise you on the selection of professional equipment such as backdrop and lighting systems, screens and acoustic walls.



Light & Sound

The overall architectural appearance is complemented by the equipment. We will gladly provide the lighting and sound equipment in the indoor and outdoor areas.



Curtains & Rails

Curtain hoists, manually or electrically operated, with suitable textile equipment for any stage, all from one single source.



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Technical equipment – stationary or mobile Everything from one single source by BÜTEC



Light and Sound

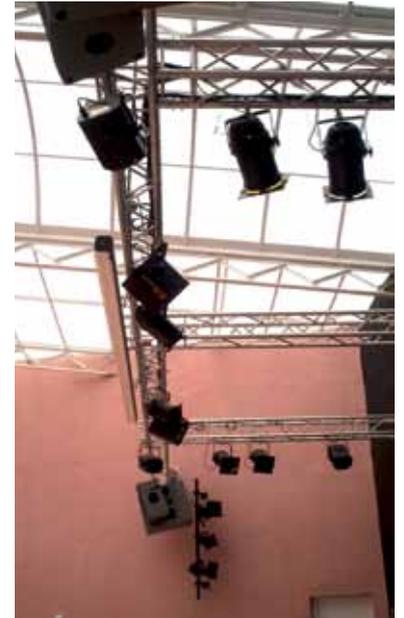
We cast the right light on your event and provide harmonic sound.

Inquire for complete packages

Light: e.g. T-bar with lights, dimmer pack and lighting control
Sound: Supporting structures:

Sound: e.g. speakers, sound effects units, CD players, mixers and microphones

Supporting structures: e.g. aluminium trusses with chain or wire rope hoists
BÜTEC delivers your systems complete with all necessary cables, if desired with on-site installation by our qualified personnel.

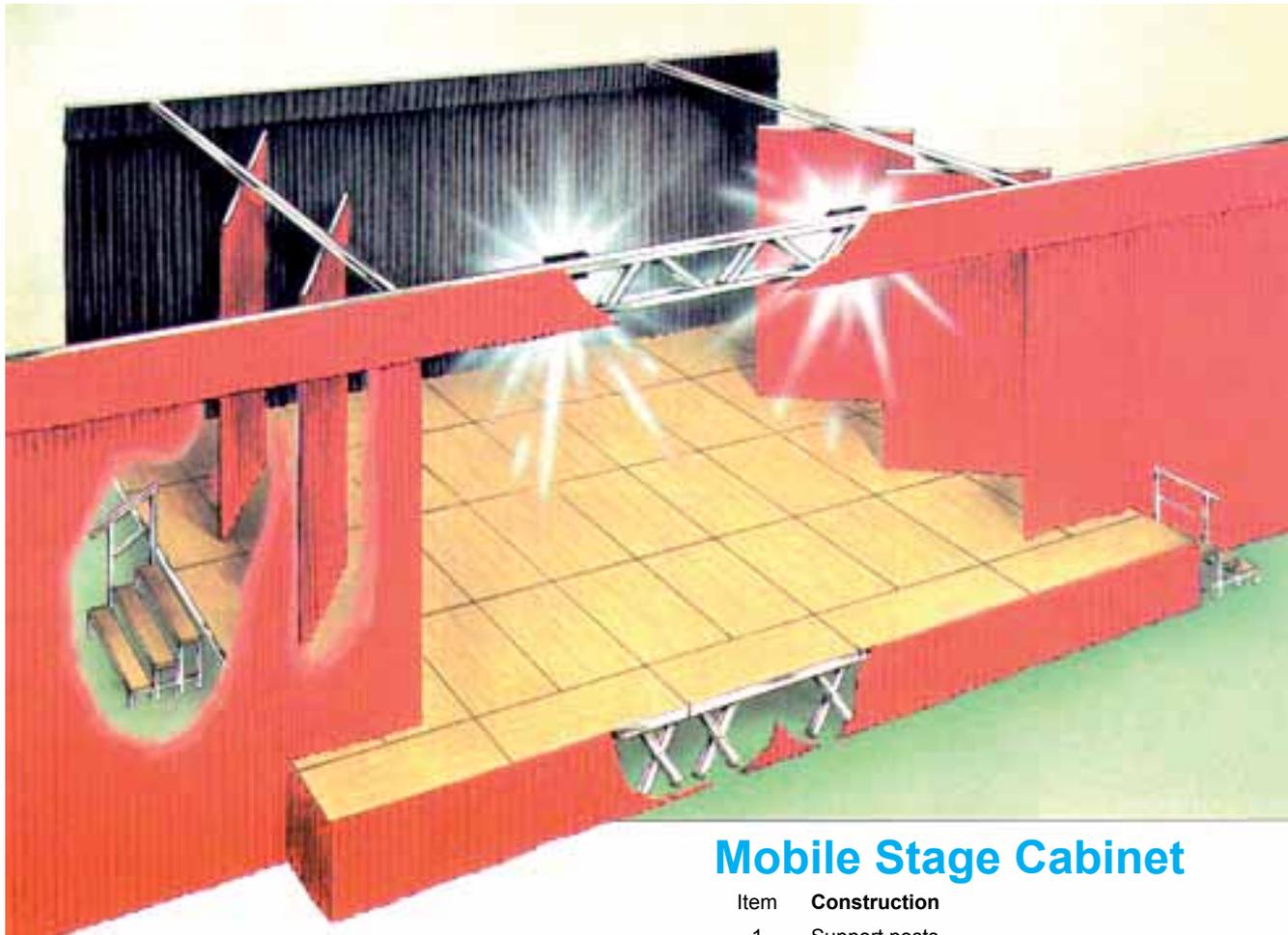


Projection Screens

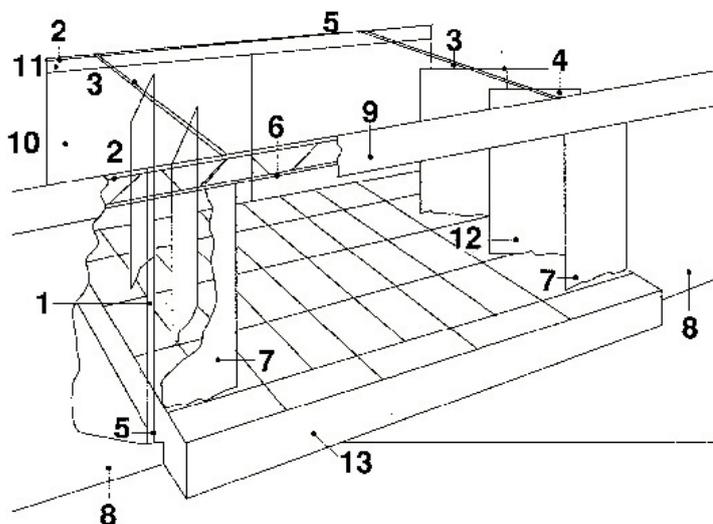
For any need, **BÜTEC** has the appropriate screen. Clamped firmly into an aluminium frame construction or motor-driven screens in various sizes.



**Tennis in the morning,
The Tempest in the evening – in one hall
The mobile stage cabinet by BÜTEC**



Mobile Stage Cabinet



| Item | Construction |
|------|----------------------------|
| 1 | Support posts |
| 2 | Main beams, front, rear |
| 3 | Crossbars, left, right |
| 4 | Backstage beams |
| 5 | Hoist |
| 6 | Curtain hoist |
| | TEXTILE EQUIPMENT |
| 7 | Main curtain scarves |
| 8 | Main curtain side scarves |
| 9 | Main curtain festoon |
| 10 | Background curtain scarves |
| 11 | Background curtain rail |
| 12 | Backstage scarves |
| 13 | Platform cladding |

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Professional work with BÜTEC equipment

The cabinet stage, a complete mobile stage

Stage Cabinet

The mobile stage offers manifold opportunities and is available in various dimensions

Even the best event captivates only if the setting is right. Of course, a stage cabinet cannot compete with the city theatre, but you can use it for almost as professional work.

With one great advantage: You are not tied to any fixed location. You can set up your stage wherever it is needed.

The time expenditure is manageable thanks to BÜTEC multifunction profiles made of aluminium, to which all connectors, carriers, and also accessories can be attached. Assembling the cabinet is a breeze

You decide whether you want to buy your stage cabinet immediately as a complete solution or piecemeal. Should the requirements on your stage increase, you have the option to individually upgrade it – tailored to the individually available resources.



It starts with the stage platforms and ends with the functional stage



The stage equipment and curtains are easily installed at working height



Festoons cover the construction



The mobile platform is fully operational within a few hours

We will be glad to help you design your stage according to your individual requirements.

BÜTEC aluminium curtain rails

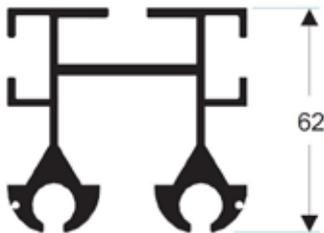
Curtain and lighting systems according to BGV C1



STUDIO ECONOMY

**The affordable alternative
stable and versatile**

with all the advantages of the Studio rail,
but for smaller spans
or lighter curtains

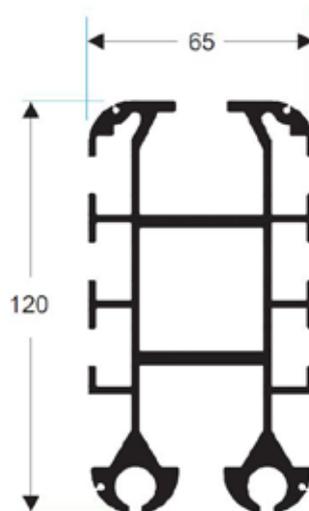


STUDIO

**Combined rail
for all purposes**

Curtain rail for heavy
curtains, suitable for manual or mo-
torized cable winches. The lateral
grooves can be used
to attach lights or other equipment.

max. span of 8 m



Aluminium multi-purpose rails that bear not only your curtains but also lighting and backdrops.

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Curtain up – Textile equipment BÜTEC curtain rails and accessories

Curtains

Textile equipment

for main curtains, festoons and stage backdrops in various qualities and many colours

Make your choice to match your interior design – select from our variegated collection: Stage velvet, stage mollitan or smooth fabrics in many shades, all flame retardant according to DIN 4102, Class B1, upon request also permanently flame retardant Trevira CS



Curtain rails

made of aluminium are suitable as sliding system e.g. for background and stage curtains notice or, with cable system, for one- and two-layered curtains. Available with tension rolls for manual operation or with electric drives.



- 1 BÜTEC Studio rail
- 2 Curtain roller with swivel hook
- 3 Roller carriage
- 4 Rope connector / actuator
- 5 Vertically end baffle
- 6 Horizontal end baffle
- 7 Tensioning rope
- 8 Stopper



Curtain drives can be mounted on the wall above or below the rail. Directly mounted drives at the end of the rail with special cable clamps at the other end of the rail are also available.

Fields of application: Theatres, operas, musical theatres, television studios, church halls, school auditoria, multipurpose halls, hotels, etc.

BÜTEC – Your ideal partner for film, television and studio equipment



BÜTEC tribunes and terraces have been an integral part of many TV studios since the beginning of the reality and game show era.

For awards shows, talk shows, feature films and rock and pop events, BÜTEC products are used every day.



The straightforward and flexible capabilities allow stage designers on the set to meet the sometimes exceptional needs of the producers.

In the field of lighting and sound, BÜTEC will also be glad to serve your needs. Just contact us.



The advantages are clear for all applications: good value for money, fast implementation and short production times for delivery "just in time".

For safety, you can rely on test records in accordance with the DIN 4112 and VStättVO.

BÜTEC products in use

| | |
|--------------------|---|
| Award ceremonies: | The Golden Camera, Comet Awards, Comedy Award, Bambi Awards, Woman of the Year, Echo |
| Game & talk shows: | Who wants to be a millionaire, Schillerstraße, Oliver Geissen Show, 7 Tage 7 Köpfe, Harald Schmidt Show |
| Rock & pop events: | Big Brother, BRAVO Supershow, The Dome, DSDS, and many more. |

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Trouble with acoustics? BÜTEC provides exclusive solutions

Acoustic walls and ceiling awnings

For improving the acoustics of your hall, acoustics elements in different versions are available:

- Manually operated towers on wheels
- Movable towers with air cushions
- Motorized movable towers
- Ceiling elements, including curved elements and elements with angle adjustment

They are produced according to the specifications and requirements of your sound expert.



Reflectors for light or sound



backside construction



Individual storage trolleys for acoustic elements

BÜTEC also offers professional inspection and maintenance of your equipment by a qualified service technician.

Music with BÜTEC Chorus and orchestra stages



Chorus and concert stages

- High stability
- Easy handling, maintenance-free & TÜV-certified
- Surfaces according to your choice
- Front and side covers available

Conductor's desk: 100 × 150 cm, height 40 or 60 cm



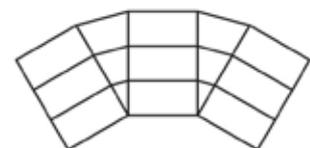
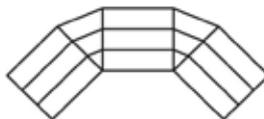
Platform base sizes for choruses:

- 200 × 50 cm for 4 singers – one row
- 200 × 60 cm for 4 singers – one row with sheet
- 200 × 100 cm for 8 singers – two rows
- 100 × 150 cm for 4 singers – double row sheet

Examples of choruses:

Dais for c. 50 singers
in another row before
another 12 singers
Platform depth: 60 cm

Dais for c. 100 singers
+ in a row before
another 12 singers
Platform depth: 100 cm



**Send us a sketch
of the shape and size of your
desired chorus stage.
You will shortly receive an offer**

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Mobile stages and grandstands for indoor use



Mobile stage on ice in the Olympia Hall in Innsbruck



Curved, staggered inner stage with wood cladding
in the Luxembourg Conservatory



Mobile stage with multiplex panel, glazed black
in the Anna coal mine in Alsdorf



Mobile grandstand with textile linings
in a former production hall



Stage with orchestra and chorus levels
in the Teatro Real in Madrid

Structural analyses and inspection books required for temporary structures are available at extra cost.

Mobile stages and grandstands for outdoor use



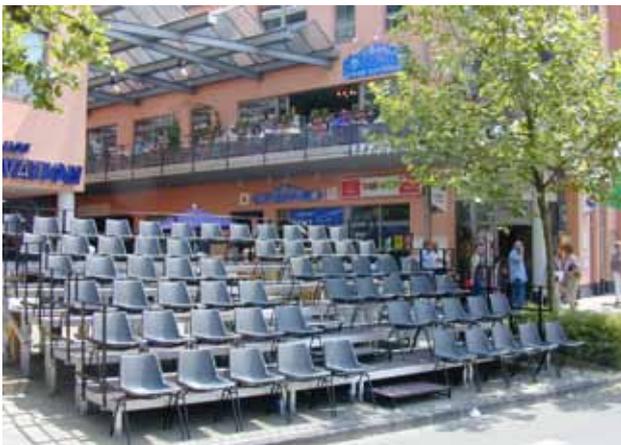
Stand roofing and stadium grandstand composed of plug-in leg platforms with screen print plate and PVC bucket seats



Mobile outdoor stage and tribune / chair row elevation



Mobile stage with ramps and staircases



Mobile outdoor tribune with stackable plastic chairs



Stage event at Hofwiesenpark in Gera

Construction or inspection books for stages or grandstands can also be built to be variable in structure and size.

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Stands for studios and show events On BÜTEC platforms you always find a good place



Tribunes with platform systems are mobile and versatile

BÜTEC offers a suitable solution for every need:
Chair row elevations made of platform systems, if desired also with seats:

Individual seats or benches firmly mounted on platforms, detachable for other formats, or simply as loose seating.

Individual seats are available as PVC seat shells, or upholstered in many variants, with and without armrests. Choose from a wide range of materials and colours.

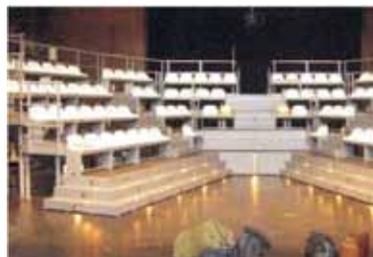
Upon request also with seat and row numbering.



Upholstered folding seats



Upholstered benches



Seat shells made of PVC



Seating with row connectors

BÜTEC everywhere Also at extreme locations



Extreme terrain

**no obstacle to
your event**

BÜTEC will build the basis for the success of your event appropriately in every situation – no matter where.

In Delphi, on a slope of rock and clay, some 300 spectators were able to experience the event live on 120 m² of stage against a historical backdrop. Büttec standard platforms with telescopic legs and all necessary struts were brought into the correct position by our experienced construction team in just 2 days on-site.

Available with
test records in accordance
to applicable regulations
and guidelines.



Even when surrounded by water, BÜTEC compact platforms give you a safe and dry footing, since you can install a roof and other equipment on the stage from above.

If you should ever wish to walk on water, just give us a call. **BÜTEC** compact platforms in conjunction with grate inserts make even this possible!



In the water: Stage and FOH before historical backdrop

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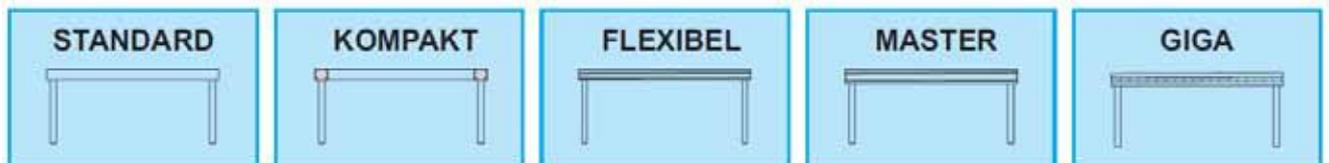
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BÜTEC platform systems Series products, versatile and compatible



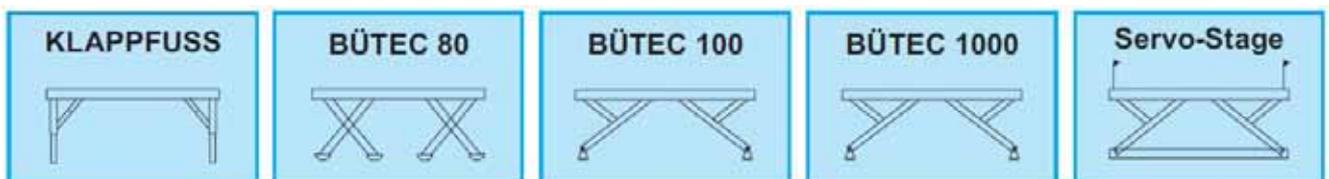
Stage with roof and grandstand with FOH by BÜTEC – for years on tour with the Westphalian State Theatre.

Plug-in leg platforms



Platforms which are easily put together and set up. The ideal solution for any mobile application.

Scissor Platforms



Platforms that can be adjusted to multiple heights in intervals of 20 cm; custom heights are available.

BÜTEC – Plug-in leg platforms

The Classics: BÜTEC Standard and Standard Plus

Standard

Stage platform 2 × 1 m
other sizes available

The standard platform with leg attachment corners for plug-in legs or height-adjustable telescopic legs
Suitable for leg profiles of 45-55 mm

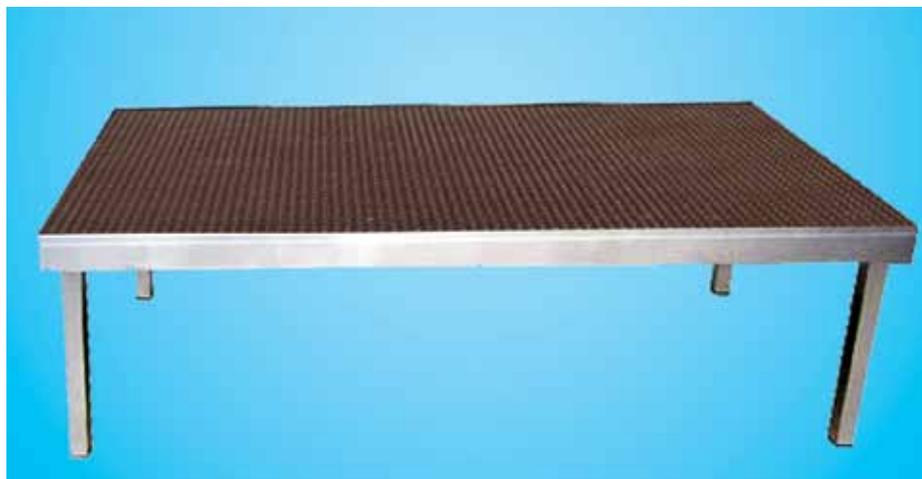
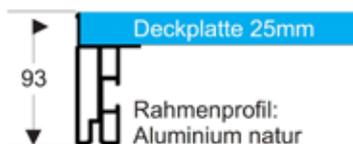


Standard platform here with glazed plywood plate for indoor use and height-adjustable telescopic legs with floor-protecting rubber feet

Standard Plus

Stage platform 2 × 1 m
for more demanding applications
other sizes available

leg attachment corners
Suitable for leg profiles of 40–60 mm
with reduced carrier plate
particularly suitable for variants with special coatings



Standard Plus platform here with screen print plate for outdoor use and 50 × 50 mm plug-in legs with black PVC foot caps

Stacking height of the standard platforms: c. 10 cm 18-20 platforms can be stacked on top of each other.
Transport and storage trolleys for about 15 to 18 platforms are available in different versions.

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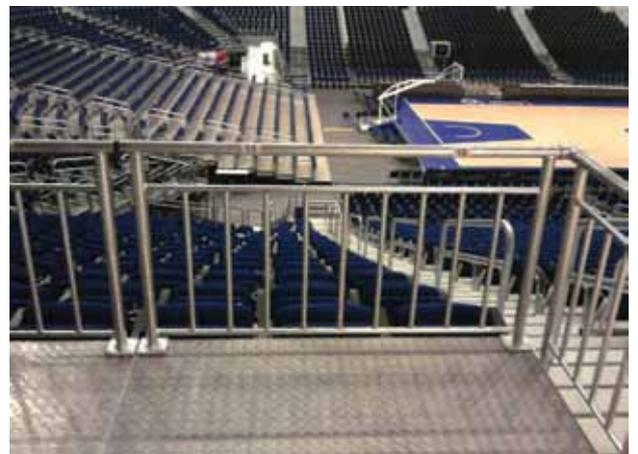
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The next generation of stage construction New Rules – New Standards – New Solutions



Bütec Compact System 3000

With the development of the stable, massive **Compact Corner** for mobile platforms, BÜTEC sets new standards in mobile stage and stand construction. Standard threads on each side and above at each corner of the platform open innovative possibilities for easy and safe fastening to and on the stage, e.g. backdrop frameworks, screen frames, speaker pedestals on the stage and railings, covers, stairs and other equipment from the top or side, also on the edge of the stage. The Compact Corner also offers innovative possibilities in grandstand construction: stable attachment of seats, benches and railings.



No damage to the surface thanks to fastening without boring, just using standard screws.

BÜTEC Compact System

New in platform building – fastenings everywhere

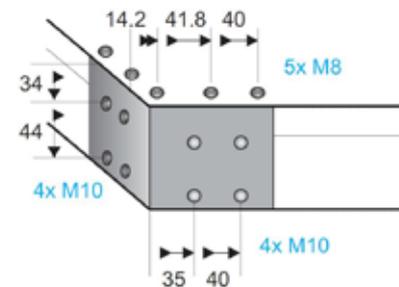


Compact Platform here with screen print plate for outdoor use and 50 × 50 mm plug-in legs with black PVC foot caps

Compact

Stage platform 2 × 1 m
other sizes available

The innovative standard platform with the stable corners with standard threads for fast and easy attachment.



Railing on the side or from above attached to the compact corner



Tower support from above on the stage safely attached in compact corner

These are the facts:

- Stable corner
- No mitre
- Fasteners with standard screws
- High load capacity
- Variable rail mounting
- Decoration mounted on the stage without damage to the surfaces
- Cladding easily bolted on from outside

The new generation in platform building has already proven itself on many occasions for stages and grandstands in large event and multi-purpose halls and among event equipment professionals in the rental business

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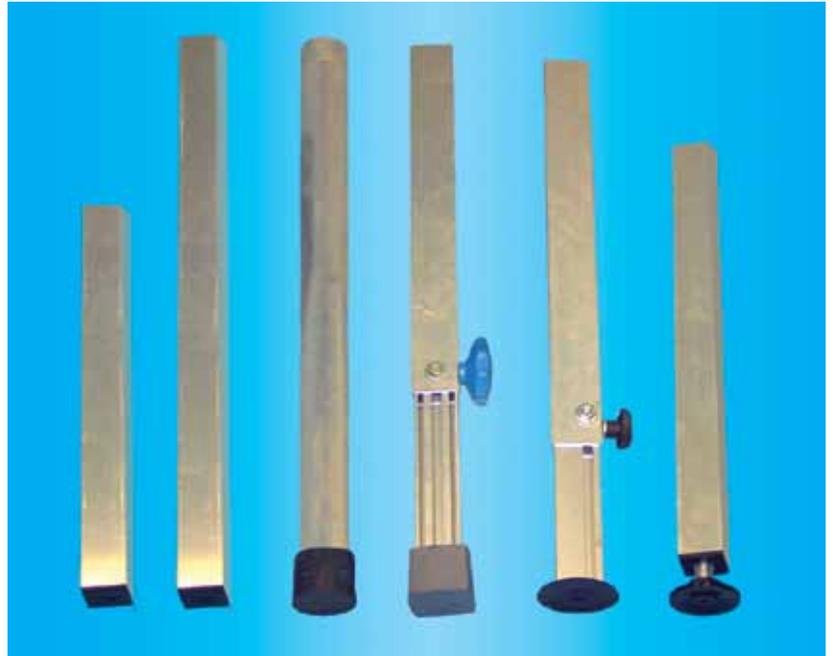
Details that offer all options Easy installation thanks to simple design

Plug-in legs

made of aluminium
for any height according to your choice
Square: 50mm, 40mm and 60mm
Round: Ø 48mm and 50mm
for load distribution on the ground with
male PVC foot caps.
Optionally: anti-slip rubber feet

telescopic legs

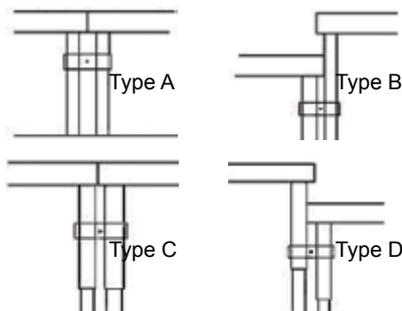
made of aluminium, square or round
infinitely height adjustable
The ideal solution for installation on
uneven floors or to overarch
steps and ramps. Execution
with non-slip rubber feet.
Available also with arrester and
locking mechanism for individual heights.



BUTEK leg attachment corner



No additional tools required –
by simple hand-tightening of the
knob the leg profiles are
attached stably and securely.
Recommended heights from about 120 cm:
Leg clamps



Accessories

| Leg profile in mm | Plug-in legs | | | | | telescopic legs | | |
|------------------------------|--------------|----|----|-----|-----|-----------------|----|-----|
| | 40 | 50 | 60 | Ø48 | Ø50 | 40 | 55 | Ø55 |
| Rubber foot | | ● | | ● | | | ● | ● |
| Levelling foot – Black PVC | ● | ● | | ● | ● | ● | ● | |
| Levelling foot – Metal / PVC | ○ | ● | ○ | ● | ● | ● | ● | ○ |
| Levelling foot – Metal | ● | ● | ○ | ● | ● | ● | ● | |
| Leg clamps | Type | | | | | | | |
| 2× frame to frame | A C | | ● | | ● | ● | ● | ○ |
| 2× frame to leg | B D | | ● | | | | ○ | |
| 4× frame to frame | A C | | ● | | ● | ● | ● | ○ |
| 4× frame to leg | B D | | ● | | | | ○ | |

● available ○ optionally upon request



2× square 4×

2×round 4×

Variations for plug-in leg platforms

Profile frame with exterior mounting groove

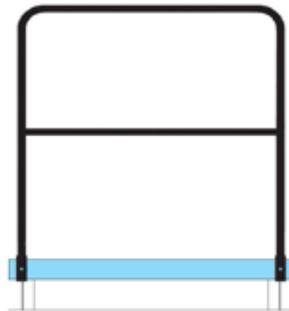


BÜTEC Flexible The stage platform with external groove – here with a cover plate for indoor use, 22 mm beech plywood

Flexible

Stage platform 2 × 1 m
other sizes available

One model with additional external mounting groove in the circumferential frame profile. This allows attachment of railings and accessories from outside
Leg attachment corners for plug-in telescopic legs or feet
Suitable for leg sections of 40 mm



Accessories

Stage railing, height 90 cm

made of round steel pipes, epoxy coated black
for attachment to the exterior groove
Standard length: 1 m or 2 m
screw railing connector
fit also with 90 ° corner joint

Railings also available with kicking plate

Platform connector

The platforms can be connected using PVC connection brackets which are bolted with wing nuts.
Alternatively, connections can be made using a Klemmfix. A special H-profile is inserted into two grooves from outside and bolted with a special wrench.



Klemmfix



PVC connection bracket

Flexible platforms are 100 % compatible with other products with a straight frame profile and external groove.

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BÜTEC Light – a low-weight platform thanks to an innovative cover plate

LIGHT

Move a lot with little force!

Standard platforms become more lightweight.

Platforms for outdoor use make the difference noticeable: about 15 kg less per platform at a size of 2 × 1 m
A real relief in setting up and dismantling: The innovative design of the cover plate with a core of polypropylene honeycomb with circumferential wooden frame, fully integrated into fibreglass-reinforced polyester allowed to considerably reduce the weight. Rugged and weatherproof, and non-slip even when wet, due to the low wear of the profiling.



Cover plates

Standard

Beech wood-core plywood (1)
screen print plate, dark (2)
Glazed beech plywood (3)
Light plate dark grey (4)

Special versions

modern: with glass or Lucite, translucent or transparent

Robust: with laminate, linoleum, PVC, vinyl flooring, needle felt or grating

Noble: with high-quality parquet or carpet floor

for indoor use

for outdoor use



with Lucite & lighting

with inserted grating



with base plate and parquet

with carpet covering and ventilation grille



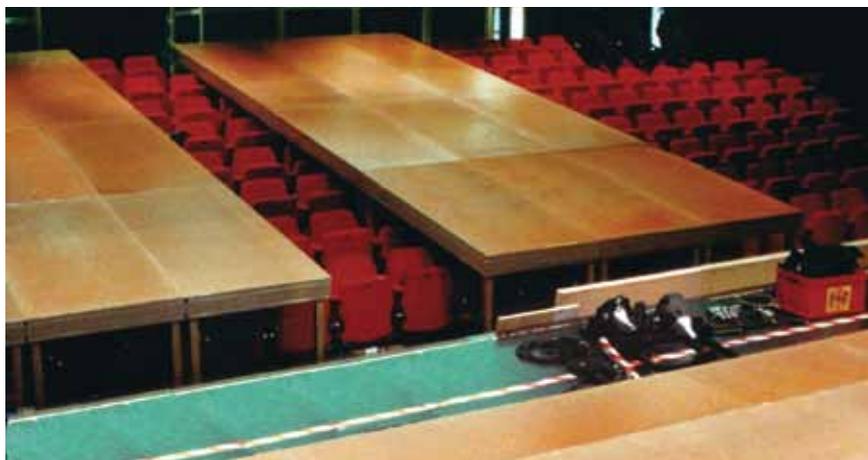
Note: Prefab parquet with a thickness of 7–10 mm can be laid on the carrier plate. Higher parquet qualities are of course available – please give us a call.

Plug-in leg platforms also for wider spans A frame profile opens up new possibilities



With its 4 grooves, the high frame profile offers a wide range of options for attaching accessories and equipment using slot nuts with M8 or M10 threads.

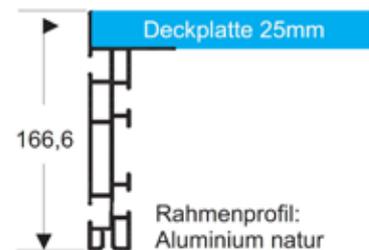
BÜTEC MASTER – the platform with high frame profile to bridge large spans in the stands, over passages for or overbuilding of chairs rows in the theatre or opera house. The height of 16 2/3 cm matches the slope for building a classical chair row elevation



MASTER

The stage platform with two external grooves
Dimensions: Available up to 1 × 6 m

Frame profile adapted to theatre slope
with leg attachment corners
Suitable for leg profiles of 40–60 mm



For loads up to 750 kg / m²



Stable attachment of railings to the lateral grooves by slot nuts with M8 or M10 threads. Can also be inserted later, if cutouts at the corners are provided.

BÜTEC

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Vast opportunities for theatre building Chair row elevations made easy

GIGA

**Extremely stable
and versatile frame profile.
Dimensions: Available up to 1 x
6 m**

Robust and easy
to handle
with leg attachment corners
Suitable for leg profiles
of 40–60 mm.



The **BÜTEC GIGA** stage platform with a framework made of sturdy beam profile and overlaid plywood cover plate. The total height of 16 2/3 cm is suitable for a classical theatre slope. Gripping holes on the sides for easy transport.

For loads up to 750 kg / m²

In just a few steps, the
plate is removed and the area
below the levels is always
accessible.

Frames and cover plates can
thus be transported separately
and stored in space-efficient fashion.



The cover plate with corner protection is attached to the frame profile at four points and unlocked from above with a square wrench.

No limits to design Individual solutions are our strength



E.g. a complete touring stage of plug-in leg platforms with rounded edges for a soloist with chorus



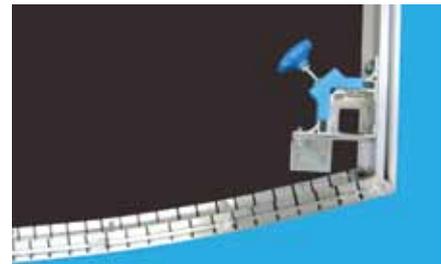
Circular staircase

as show stairs for studios
or as access to the stage
in an elegant setting

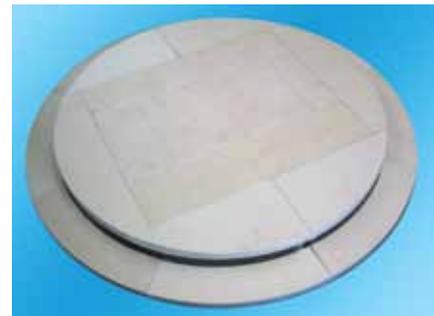
Special platforms with parquet inlay

the outer shape has been adapted to
the oriel of a historic building.

Special elements are always constructed from
plug-in leg platforms, and are available in
any desired height.
Alternatively, infinitely
height-adjustable telescopic legs
can be used as compensation over
steps or on uneven floors.



The outer edge remains smooth thanks to
a special bending technology



Round stage with concave edges



Triangular platform convex + concave

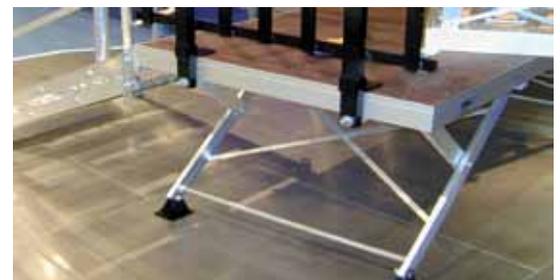
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Scissor systems suitable for any application An impressive variety

| BÜTEC Scissor Platforms | | FOLDING FOOT | BÜTEC 80 | BÜTEC 100 | BÜTEC 1000 | Servo-Stage | |
|---------------------------|---|---|---|---|---|---|--|
| | | 3500 | 1080 | 1100 | 1000 | 2100 | |
| Overview | |  |  |  |  |  | |
| Stacking height | in mm | 100 | 100 | 200 | 200 | 200 | |
| Frame profile | | | | | | | |
| Standard | 90 mm hoch | ● | ● | ● | ● | ● | |
| Standard Plus | 93 mm hoch | ○ | ○ | ○ | ○ | ○ | |
| adjustable heights | | | | | | | |
| Height | ca. 10 cm | | ● | | | | |
| Height | ca. 20 cm | | ● | ● | ● | ● | |
| Height | ca. 40 cm | | ● | ● | ● | ● | |
| Height | ca. 60 cm | | ● | ● | ● | ● | |
| Height | ca. 80 cm | | ● | ● | ● | ● | |
| Height | ca. 100 cm | | ● | ● | ● | ● | |
| Cover plates | | | | | | | |
| | | in mm | 22 | 22 | 22 | 25 | |
| Indoor | Beech wood-core plywood plate | | ● | ● | ● | ○ | |
| | Plywood | | ● | ● | ● | ○ | |
| | carrier plate + lining (parquet, laminate, linoleum, carpet, etc.) | | ● | ● | ● | ○ | |
| Outdoor | screen print plate | | ● | ● | ● | ● | |
| | Light plate | | ● | ● | ○ | ○ | |
| Outdoor | Grating | | ○ | ● | ● | ● | |
| Special versions | | | | | | | |
| | Compact | | ○ | ○ | ○ | ○ | |
| | MAG net IC | | ● | ● | ● | ○ | |
| | | | ● = available | ○ = optionally, upon request | | | |



Platforms certified for loads up to 750 kg / m²

BÜTEC scissor platforms comply with the applicable regulations, guidelines and standards for mobile applications.

Mobile BÜTEC – Scissor Platforms

Simple solution: Here everything is still manual



Scissor platform BÜTEC 80 here with beech wood-core plywood, glazed for indoor use.



Scissor platform BÜTEC 100 here with screen print plate for outdoor use – water-proof laminated multi-layer plate, colour: dark
Swivel feet with large contact areas provide a good load distribution, and a hinge allows compensation for sloping floors – without wobbling

BÜTEC 80

Stage platform 2 × 1 m
Type X scissor

Height adjustable by manual release notch below the podium, heights:
10, 40, 60, and 80 cm

Cover plates:

Indoors
22 mm beech wood-core plywood
Outdoors
22 mm water-resistant screen print plate



BÜTEC 100

Stage platform 2 × 1 m
Type Y scissor

Height adjustable by manual release notch below the podium, heights:
20, 40, 60, 80, and 100 cm

Cover plates:

Indoors
22 mm beech wood-core plywood
Outdoors
22 mm water-resistant screen print plate
other versions available



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Scissors platforms adjustable from the side With a helpful Bowden cable

BÜTEC 1000

Stage platform 2 × 1 m Type Y scissor

The Bowden cable allows to easily adjust the height from the side.
Notches at the levels:
20, 40, 60, 80, and 100 cm

Four swivel feet offer a large contact area for load distribution, and the hinge allows to compensate slight skewing of the ground

Cover plates:

Indoors

22 mm beech wood-core plywood

Outdoors

22 mm water-resistant screen print plate

other versions available

Bowden cable unlocking:

quickly height-adjustable with a handle from the side
without rotating the platforms



Folding Foot

Stage platform 2 × 1 m with retractable legs

lightweight aluminium frames which completely disappear into the platform, thus permitting space-saving storage – without any loose components.
Height continuously adjustable thanks to telescopic legs of several lengths



The full-aluminium design of the complete construction achieves minimum weight of the platforms.
Notches for fixed heights or scissors in the case of intermediate heights are available upon request – at an extra charge.

A stage platform with **SERVO**-support Set-up and conversion with few staff thanks to fixed installation



Servostage – here extra-long – version of the cover plate with parquet support

Custom-sized platforms with power assistance can be built for greater heights as well.

Servostage

**Stage platform 2 × 1 m
for stationary stage construction**

A spanner is used to manually actuate the head-end unlocking systems of the Bowden cable. The height is adjusted from above.

Built-in gas springs reduce the effective weight during raising and lowering of the platform to the desired height.

Many possibilities for application result from the graded height adjustment.

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Stationary stage with BÜTEC Servostage Height adjustable – without expensive electricity



Easy adjustment of the elements from above with special spanner that also loosens the covers.



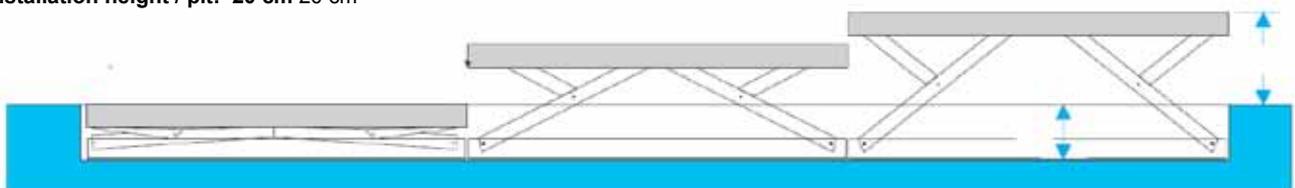
Application example: Tiring as stand – construction can also be used as stage.



Gas spring support to disburden the back during raising and lowering.

Stage heights: Standard notches at 20, 40, 60, and 80 cm above ground, other heights available upon request.

Installation height / pit: 20 cm 20 cm



The Servostage can do everything: It remains on the ground level, raises step by step or forms an elevated platform.

**A further development of the Servostage series:
Adjustable with a floor area of 2 m² to a height of 1.5 m.**



The allrounder among the Servostages
Servo-Stage Kompakt 1500
Affordable hall floor adjustment

Stable

Warp resistant

Low noise

Standard features:

- TÜV – type-tested: 750kg/m²
- Adjustment Servo-Stage 1000 from 20 to 100cm
- Adjustment Servo-Stage 1500 from 20 to 150cm
- Integrated compact corner for easy installation of railings, decorations and accessories, both on the side as well as from above
- Stroke support by gas springs.
- 25mm laminated plate
- Installation depth from 18cm

upon request:

- Built-in LED stair lighting system
- at an extra charge, various surfaces are possible
- Installation of magnets for screwless mounting of side panels.
- Aluminium railings, construction according to DIN 4112 for horizontal load absorption of 1.5 kN/m



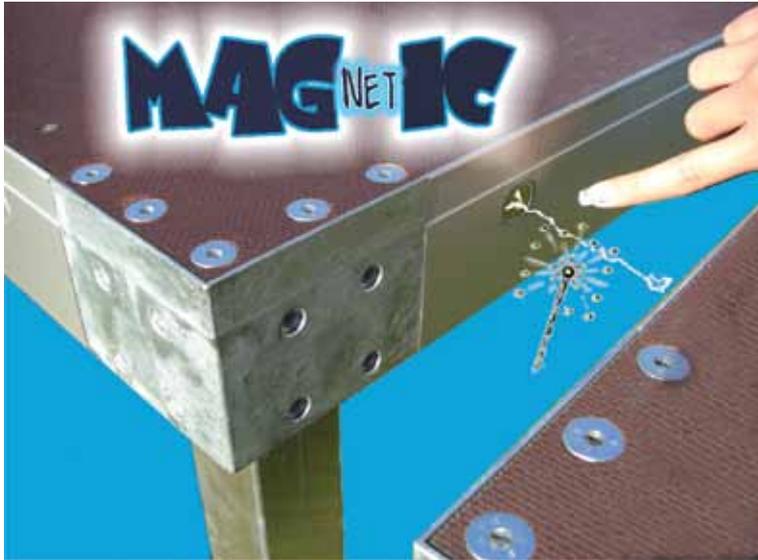
Particularly suitable for the following locations: Theatres, congress halls, city halls, town houses, etc.

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BÜTEC products with attractive effects Magical accessories: Magnets + LEDs



With magnets, on-stage panels are likewise easily positioned.

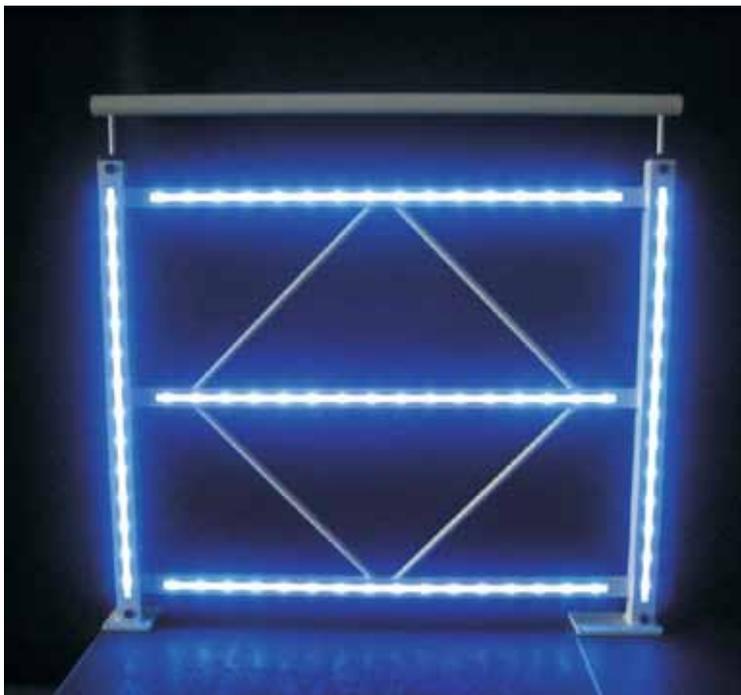
MAGnetIC

An accessory for all platform systems

The platforms assemble as if by magic, thanks to magnets integrated into the frame. The magnetic strength is individually tailored to your specific application.



LED - BÜTEC - LED - BÜTEC - LED



Discreet but effective, this is the installation of LED lighting into all aluminium profiles of the BÜTEC systems:

as stair lighting
as guideposts
as visual highlights

Give your event a wholly new look!

Exclusively by BÜTEC!



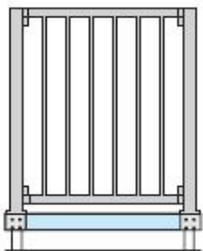
The energy-saving LED technology is suitable for security lighting and allows to set many new points of emphasis.

Railing quickly installed on compact platforms

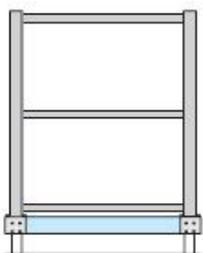
Made of aluminium, stable and very lightweight

Railings on compact corner

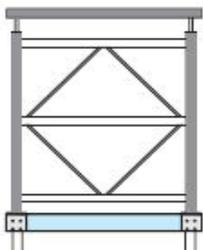
with base plates for BÜTEC compact corners for mounting with standard screws
Standard design for 1 or 2 m lengths, other lengths available



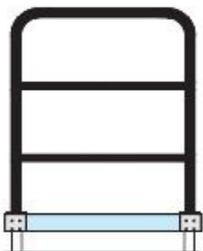
Stage and grandstand railing Kompakt
Height: 110 cm,
TÜV GS certified according to DIN 4112 and DIN 1055
made of aluminium with square posts and a separate connector made of round tubing with vertical struts. Posts also available with corner fitting or as connection posts for connecting railing parts on both sides.



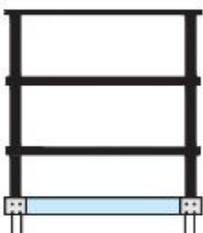
Platform railing Kompakt Height: 100 cm
made of aluminium with square posts, two crossbars of steel tubes and kicking plate, fully welded
at extra charge:
- with three crossbars
- with filling made of Lucite, perforated metal or wood



Design railing Heights: 90 / 100 / 110 cm
manufactured of steel or aluminium according to your individual preferences of square, rectangular, or round tubing.
Surface: aluminium natural, powder-coated in the colour of your choice or hot-dipped
Fillings available in several versions, e.g. with Lucite or perforated metal.



Frame railing Heights: 90 / 100 / 110 cm
made of round steel tubing with crossbars
Finish: powder-coated black, other colours or hot-dipped at extra charge
Alternative versions:
- with grid of vertical bars
- infilling made of Lucite or perforated plate
- Breakwater, without crossbar, with kicking plate (bolttable grates available for retrofitting)



Stage railing Heights: 90/100 cm
made of rectangular steel tube profiles as safety railing
Finish: powder-coated black, other colours or hot-dipped at extra charge (handrail of round tubing at extra charge)



TÜV GS certified according to DIN 4112 and DIN 1055

The requirements for guardrails depend on the applicable special building codes or the respective LBO (Landesbauordnung)!

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The right fall protection for every application

Versions and variants of railings



Special versions available, e.g. adapted to increments, also with handrail end bow.



Fuse holder



Rail fastening
with rail support and railing
securing screw
through the platform plate

Railing Connectors
for all railings with
round tube frames

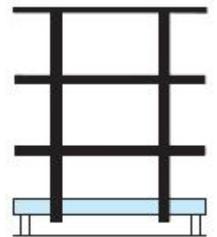


Steel railings

powder-coated, black in 1 or 2 m lengths
other sizes available

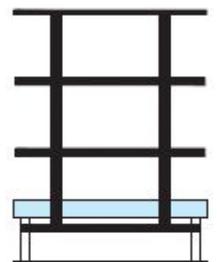
Stage railing 1 – Height: 90 cm

Basic model as safety railing
made of rectangular steel tube profiles
at extra charge:
– additionally with kicking plate
– handrail of round tubes



Stage railing 2 – Height: 100 cm

Basic model as safety railing
made of rectangular steel tube profiles
with additional bottom plate for
load transfer to the platform legs
at extra charge:
– additionally with kicking plate
– handrail of round tubes



Detachable rail Height: 100 cm

Frame made of round tubes with vertical
struts and two tubes for
insertion into sleeves to be
integrated into the stage platform



Lattice railing Height: 100/110 cm

made of rectangular tube profiles with
vertical bars, kicking plate and
additional lower chord for
load transfer to the platform legs
at extra charge:
– handrail of round tubes



Grandstand railing Height: 110 cm

for more demanding applications
Frame of round steel tube with vertical struts of
rectangular tubing, kicking plate and addi-
tional lower chord for load transmission to the
platform legs
Type-tested according to DIN 4112 and DIN
1055



The requirements for guardrails depend on the applicable special building codes or the respective LBO (*Landesbauordnung*)!

Get safely onto any stage BÜTEC – Stairs of steel and aluminium

Steel Stairs

**Robust construction
set up quickly**

A stable frame construction of square tubing, built separately for each tread, powder-coated in black. The individual treads are bolted together.

Standard stairs:

Width: 100 cm

Tread: 30 cm

Riser: 20 cm

Stairs with 22 mm beech plywood, other surfaces matching the stage available at extra charge.



Steel stairs with boarding



Staircase railings inserted from above

Aluminium stairs

Stable and aesthetic

made of aluminium frame profiles

Natural colour or anodized

Each step is attached to the stage or the step above it via two suspension lugs, and stands on two plug-in legs. Available with telescopic legs or rubber feet if required.

Stairs can also be produced with compact corners for stable attachment of railings and handrails.



Aluminium stairs, here with non-slip rubber feet



Steps with underlap due to internally mounted suspension lug



aluminium stairs with compact corners and integrated LED step lighting



Stringer staircase with support frame on rollable subframe



Steel stairs with castors moved simply by tilting

Special versions available upon request, also with curved or angled edges, in many versions.

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BÜTEC – solutions that follow every move

Railings and Stairs – variable and flexible



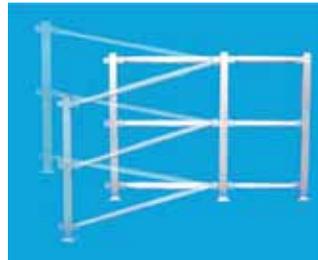
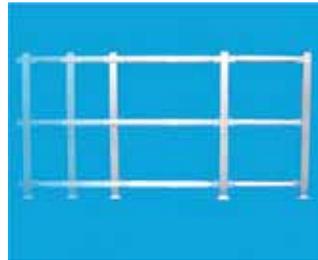
ALU-VARIO

The railing for every occasion.

Made entirely of aluminium: the lightweight and variable solution with extendable crossbars, flexible enough to follow every movement.

A railing that fits anywhere:

- to various platform sizes
- to level stages
- to graded levels
- to differing slopes



Easy installation from above on compact corners. The vertical aluminium posts are fixed with standard screws. The round crossbars made of aluminium are connected via hinges and telescopically adjustable in length.



FLEXISTEP

An aluminium staircase that adapts

Ideal for installation in the open country, on mobile stage wagons or with frequently changing stage heights, thanks to articulated double string with no-slip rubber feet.

Handrail alternatively with round or rectangular posts.



Number of stairs according to your choice.

If you are looking for an individual staircase, talk to us – custom-made designs are our specialty.

Equipment and Accessories

Connecting parts for stages, platforms and grandstands

Connections

Connection brackets

for stable connection of platforms to the platform frame suitable for the Standard, Standard Plus and Masters platform systems and for all scissor platforms.



Made of zamak



Made of PVC

Diagonal struts

For structural heights of 120 cm or more we recommend reinforcement of the construction with aluminium tubes. Infills are required for a height of 160 cm or above.



Diagonal and horizontal struts can be attached quickly and easily to square platform legs with special brackets and couplers.

Suitable for all plug-in leg systems.



Leg clamp 2× with connector



Leg clamp 1× with connector

Trusses or round tubes are also suitable for attaching stage platforms: quickly with the hook connector and permanently with angle and clutch.

Railing support, a semi-clip made of zamak, for attaching steel railings, wood claddings, perforated plates, decorations or further equipment.



Platform fastening to trusses



Railing support

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Wide range of accessories with sophisticated details

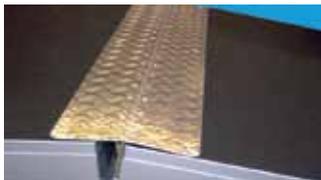
BÜTEC offers more than just standard equipment



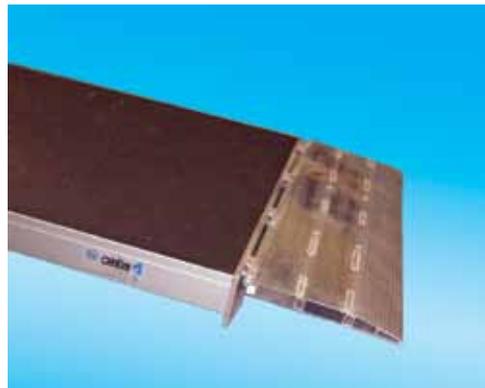
E.g.: Wooden panelling Framework visible



Framework covered



hinge and cover



Claddings

Wide Variety of Materials

Classic: Textile

Noble: Plates with wood veneer

Robust: screen print plate, perforated plate or aluminium wave

Modern: transparent or Lucite

Lighting can also be installed,
e.g. in the step region



Ramp set

for barrier-free access

A ramp set consists of access ramp, ramp hinge and a cover for the transition region above. Basically suitable for all BÜTEC platforms, optionally with lateral delimiters,



Transport and storage trolleys

for all BÜTEC platforms and accessories,
there are matching
transport and storage trolleys

when platforms are stored vertically, the width of the trolley can be adapted to your passage widths. Special trolleys for railings are available

Stairway system or chorus loft – BÜTEC has the space-saving solution



Push and Pull

Stairway or chorus loft

- extendable on rolls
- quickly ready
- retracted again swiftly
- height levels according to choice
- layer depth according to choice
- various surfaces according to choice

Extendable as show staircase or stepped stage

Push and Pull Blocks with 200-cm-wide elements made of Büttec compact platforms can be linked. The topmost platform is 125 cm deep. All below can be pulled out to 100 cm. The sliding mechanics, shaft with toothed rack guide, ensure smooth parallel movement and are mounted on the bottom side.

The lowest platform is elevated with a lifting fork. And up to 10 levels can be built with it. (Connections for lift trucks or forklifts are also available.)

Available with various covers and finishes.



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Accessories that make platforms even more mobile

Rolls for plug-in leg platforms

Rolls

Plug-in rolls

Suitable for all plug-in leg systems.
A plug-in roll set turns a platform into a trolley

One set consists of 2 fixed and 2 swivel castors. (castors upon request also available with brakes)
Height c. 26 cm (upper edge of platform plate)

Rollers available in different variants:
polyamide rolls for hard floors,
polyester urethane rolls for sensitive floors,
other versions for special requirements upon request.

For higher loads, versions with several swivel castors are available, e.g. trapezoid rollers



Fixed castor



Swivel castor with brake



Trapezoid roller, here with 2× adapter at the joint of two platforms



Rollriser
here with castor (swivelling)
with parking brake

Rollriser

for heights up to 60 cm, we produce special supports with rolls. These are delivered with adapters fitting into the leg attachment corner of the platform. The following adapters are available:

Adapter 1× (for outer corner)
2× adapter (2 adjoining platforms)
4× adapter (4 adjoining platforms)

Adapters are also available without rolls, as central support with height adjustment or as a top for substructures:
e.g. for scaffolding systems, supporting frames made of round tubes or with central support

All adapters are made of steel, hot-dipped for outdoor use, or powder-coated in black. These adapters are also available in 1×, 2× and 4× versions.

Central foot with levelling system



BÜTEC Rolltec A stage on wheels



Rolltec

Rollable frame support for entire stages

Big events require plenty of equipment. Short assembly and dismantling times necessitate systems that are uncomplicated and easily brought into the required position by the operator.

A small crew moves 100 m² of stage, complete with cabinet. Pre-mounted where the stage does not interfere, including main and background curtain, backstages scarves or side posters, railings or other equipment.



Variable construction heights of 40 cm and more are likewise possible with the ROLLTEC system, thanks to plug-in legs with various heights or telescopic legs.

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Bütec Scaff Beam - BSB 800

The revolutionary connection to the scaffold structure



BSB 800

The Bütec Scaff Beam BSB 800 is simply inserted into the frame U-bars and secured using bolts.



With this newly developed profile, BÜTEC platforms can be connected to common scaffolding substructures

– Maximum load capacity:

Take advantage of the high strength of the steel substructure and increase this in conjunction with the Bütec Scaff Beam
Total load: max. 750 kg/m²

– Closed Stage areas:

With the Bütec Scaff Beam, the stage area rests on the scaffolding structures without gaps. Sensitive, removable corners can be avoided completely.

– Standard accessories:

The normal BÜTEC accessories can be used, no matter whether connection brackets or railings, all parts can be used unchanged.

– Maximum cost-efficiency:

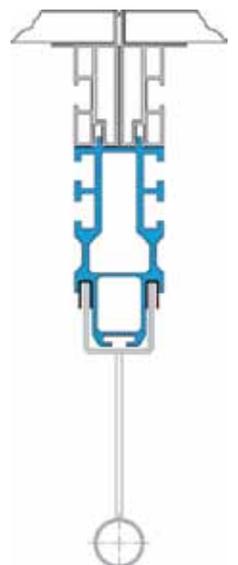
BÜTEC platforms come by default with attachment corners for plug-in and telescopic legs and are therefore ideal for the rental business. With the Beam Bütec Scaff, these platforms can now be used also for large stages – saving warehousing space and costs!

– Flexible configurations:

Bütec platforms have an identical circumferential profile, so the arrangement can be set up absolutely according to your desires and ideas, without limits imposed by a system!

– Guaranteed security:

Benefit from testing and certification of the individual Bütec platform systems, too. Thus your event will become a success – with guaranteed safety!



The BÜTEC plug-in leg platform with folding prop, adapter and corner notch

Previously, it was difficult to use platforms in conjunction with scaffolding systems for large stages. The required load-bearing capacity of 7.5 kN / m² could be achieved only at great expense.

Here, too, BÜTEC's technology offers a solution:

Folding props



Standard plug-in leg platforms can be easily placed on the lattice supports using these special folding props. The supports can be retracted and shifted laterally.



Special adapters allow for construction of BÜTEC platforms also on round tubes from scaffolding. For a grandstand structure, adapters with appropriate heights are available.



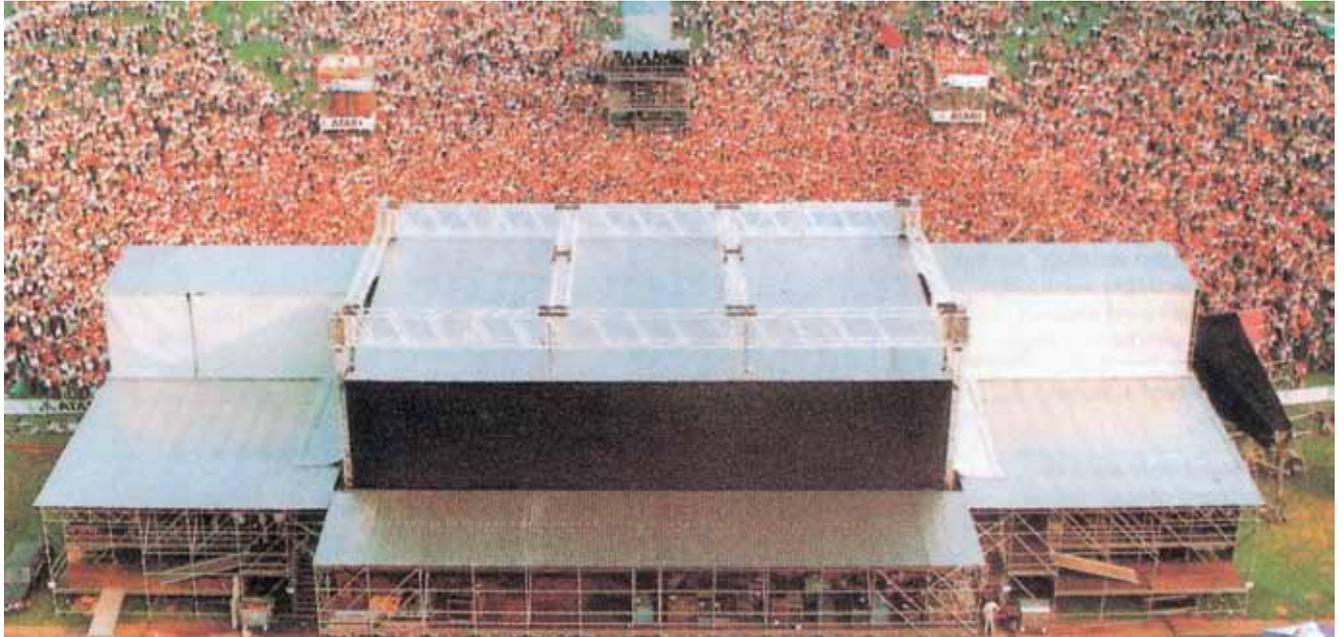
Accessories for use with scaffolding systems: Folding props, plug-in adapters 1x, 2x or 4x and corner caps of PVC

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BÜTEC platform systems also for large stages in conjunction with scaffolding systems



Megastage: Size 24 × 12 metres, with additional PA towers at the corners: Stage area complete with platforms 2 × 1 m.



Example: Scaffolding with BÜTEC platforms as stage floor and integrated roof.

The platforms are produced with corner notches, so that supporting scaffold tubes or railing posts can be lead upwards through the stage floor.

The corner notch can be closed with special PVC caps if required.



ADVANTAGE: The platforms can also be used with plug-in or telescopic legs for any other construction.

BÜTEC – ALUTRUSS

Details and Fastening Data

2-Point Trusses

Welded aluminium lattice girder

Round tubes: 50 × 2 mm

Intervals: 20 × 2 mm



F-32

F-32

| Length | Weight |
|--------|--------|
| in m | in kg |
| 0,5 | 2,11 |
| 1,0 | 3,10 |
| 1,5 | 4,11 |
| 2,0 | 5,10 |
| 2,5 | 6,10 |
| 3,0 | 7,10 |
| 3,5 | 8,09 |
| 4,0 | 9,09 |
| 4,5 | 10,03 |
| 5,0 | 11,08 |

| Span | Line load | | Point load | |
|------|-----------|---------|------------|---------|
| | Load | Bending | Load | Bending |
| in m | in kg/m | in mm | in kg | in mm |
| 2,0 | 567 | 3 | 708 | 2 |
| 3,0 | 377 | 6 | 586 | 5 |
| 4,0 | 250 | 13 | 501 | 11 |
| 5,0 | 159 | 21 | 398 | 17 |
| 6,0 | 110 | 30 | 329 | 24 |
| 7,0 | 80 | 40 | 279 | 32 |
| 8,0 | 60 | 51 | 241 | 42 |
| 9,0 | 47 | 69 | 212 | 54 |
| 10,0 | 38 | 84 | 188 | 64 |

3-point trusses

Welded aluminium lattice girder

Round tubes: 50 × 2 mm

Intervals: 20 × 2 mm / 25 × 2.5 mm



F-33



F-43

F-33

F-43 upon request

| Length | Weight |
|--------|--------|
| in m | in kg |
| 0,5 | 3,47 |
| 1,0 | 5,22 |
| 1,5 | 6,99 |
| 2,0 | 8,70 |
| 2,5 | 10,45 |
| 3,0 | 12,20 |
| 3,5 | 13,94 |
| 4,0 | 15,69 |
| 4,5 | 17,43 |
| 5,0 | 19,17 |

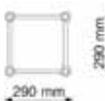
| Span | Line load | | Point load | |
|------|-----------|---------|------------|---------|
| | Load | Bending | Load | Bending |
| in m | in kg/m | in mm | in kg | in mm |
| 2,0 | 870 | 3 | 600 | 4 |
| 3,0 | 384 | 7 | 488 | 7 |
| 4,0 | 215 | 13 | 411 | 9 |
| 5,0 | 135 | 18 | 340 | 15 |
| 6,0 | 93 | 26 | 279 | 21 |
| 7,0 | 67 | 36 | 235 | 29 |
| 8,0 | 50 | 47 | 202 | 37 |
| 9,0 | 39 | 59 | 176 | 47 |
| 10,0 | 31 | 73 | 154 | 58 |
| 11,0 | 24 | 88 | 136 | 71 |
| 12,0 | 20 | 105 | 121 | 84 |

4-point trusses

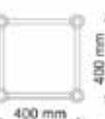
Welded aluminium lattice girder

Round tubes: 50 × 2 mm

Intervals: 20 × 2 mm / 25 × 2.5 mm



F-34



F-44

F-34

F-44 upon request

| Length | Weight |
|--------|--------|
| in m | in kg |
| 0,5 | 5,0 |
| 1,0 | 7,3 |
| 1,5 | 9,6 |
| 2,0 | 12,0 |
| 2,5 | 14,0 |
| 3,0 | 16,4 |
| 3,5 | 18,7 |
| 4,0 | 21,0 |
| 4,5 | 23,3 |
| 5,0 | 25,5 |

| Span | Line load | | Point load | |
|------|-----------|---------|------------|---------|
| | Load | Bending | Load | Bending |
| in m | in kg/m | in mm | in kg | in mm |
| 2,0 | 1136 | 0,1 | 794 | 0 |
| 3,0 | 756 | 1 | 702 | 5 |
| 4,0 | 502 | 10 | 629 | 8 |
| 5,0 | 320 | 14 | 569 | 10 |
| 6,0 | 221 | 20 | 520 | 17 |
| 7,0 | 160 | 27 | 479 | 28 |
| 8,0 | 122 | 35 | 444 | 39 |
| 9,0 | 95 | 44 | 414 | 52 |
| 10,0 | 76 | 54 | 385 | 65 |
| 11,0 | 62 | 65 | 346 | 78 |
| 12,0 | 51 | 75 | 313 | 93 |

F-34P and F-44P are available for higher loads in the same external dimensions, but with 50 × 3 mm tube.

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Special aluminium constructions BÜTEC – ALUTRUSS trusses



Special constructions

BÜTEC produces according to strict quality standards. This concerns construction, connection technology and workmanship.

All relevant features, from construction through quality of material to joining and welding technology meet the strict requirements of the German DIN standards.



Trusses

BÜTEC ALUTRUSS Trusses with TÜV type-tested design.

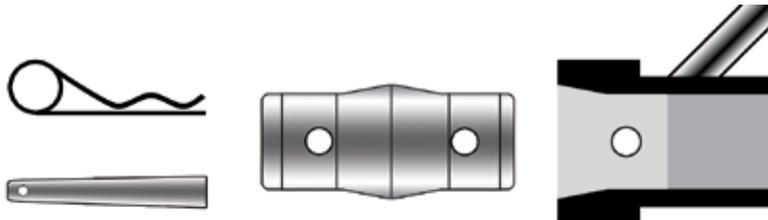
All versions of the trusses, 2-point, 3-point and 4-point TRUSS, are available in standard and customized special lengths. Any design can be implemented using a wide variety of fittings. We manufacture special parts as required or individually demanded.

| Fittings | F-32 | F-33/43 | F-34/44 | with outlet |
|--------------|-------|-----------|---------|----------------------|
| 45 ° corner | V/H X | X | X | |
| 60 ° corner | V/H X | X | X | |
| 90 ° corner | V/H X | R/L X O/U | X | up / down |
| 120 ° corner | V/H X | X | X | |
| 135 ° corner | V/H X | X | X | |
| T-piece | V/H X | R/L X O/U | X | up / down |
| Crosspiece | V/H X | R/L X O/U | X | up / down |
| Box corner | | | X | |
| Foot plate | X | X | X | for wall connections |

for F32: V=vertical H=horizontal

For the F-33/43 position relative to top:
L=Left R=Right O=above u=below

Round elements with various radii
Joint pieces vary from 0° – 180°
Extension spacers in various sizes



Conical Euro Connector

Systems with conical euro connectors are compatible with diverse systems by other manufacturers and can be used for any application in event equipment. Bolted connections are also possible and available.

Special structures made of aluminium, upon request also with verifiable statics, are planned, designed and manufactured according to the individual customer's requirements. Please contact us, or simply send us a sketch.

Mobile roofings by BÜTEC

Different look, but a modular system

Hoist

In an version with hoist, the roof can be quickly and easily installed at working height. All supports are equipped with sleeve blocks on which the roof beams are installed. The entire roof is then wound up or down with hand winches, chain hoists or motors. Sleeve blocks, winches and hoists are available in different versions and depend on the weight or the size of the roofing.



Ballast or fastening

For securing the roof, the tower supports are either ballasted or anchored to foundations.



Ballasting with water tanks and booms



Anchoring to the ground with impact dowels



Ballasting by installation on pre-cast concrete

Roof, side and rear tarpaulins

PVC or gauze tarpaulins can be attached using eyelets and tension belts or buckles. For quick and easy opening of side tarpaulins in stronger wind, BÜTEC offers a solution with rails and rolls. For BÜTEC arched roofs, single webs with special keders are inserted into special profiles, then tensioned.



Side tarps in curtain rail



Single web with special keder



Door opening with zippers

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We will not leave you out in the rain

Mobile roofings by BÜTEC



Canopies

Full aluminium

Support structures are designed according to the requirements of DIN 4112 or DIN EN 13814 and DIN 1055.

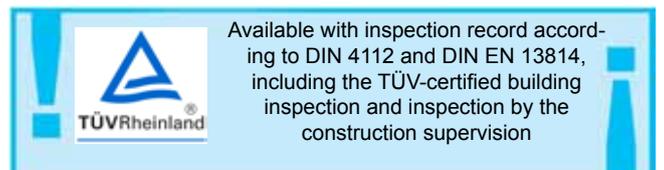
BÜTEC Alutruss systems, special aluminium profiles and specially welded individual constructions enable easy assembly of the roofs.

BÜTEC arched and undulating roofs with special profiles offer particular advantages for transport and installation in individual webs. The large roof area does not have to be mounted as a whole and is easy to store.

For permanent installation, there are plate covers available for roof and wall.



Temporary structures with a height of 5 m or more or a base area of 75 m² or more need a construction record. For long-term installation – more than 3 months –, permits in accordance with the respective LBO must be obtained.



BÜTEC builds virtually any roof for you, not only matching your mobile platform, but also as a temporary canopy at your building or free-standing as a protection against rain or sun – whenever you want.

Mobile roofings by BÜTEC

Professional and variable roof forms

Pent roof

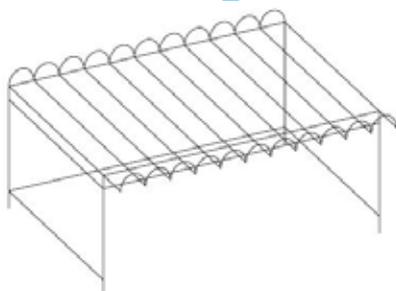


Simple design of 4-point and 3-point trusses, assembled quickly without and without hoist



BÜTEC pent roofs, here with lateral PA wings, a professional solution for your event. The front crossbar offers ideal possibilities for fixing lighting and sound equipment.

Undulating roof



Unusual form,
quickly mounted when equipped
with the optional hoist



BÜTEC undulating roofs, a solution for variable stage width. Individual tarps for each wave will be inserted into special gutter profiles with keder.

Specifications subject to change. Individual construction according to the customer's specification is possible at any time.

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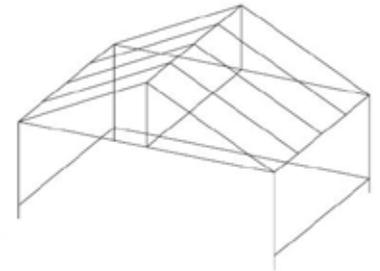
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Mobile BÜTEC roofings Individual designs for every taste



BÜTEC Gable Roof, the classic, is not only attractive as a stage roof. The front crossbars as a 4-point aluminium truss offers ideal possibilities for the installation of stage lighting.

Gable roof

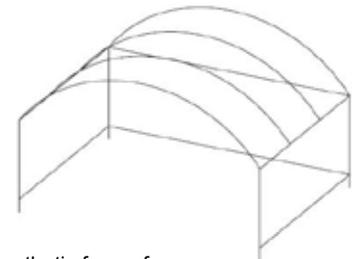


Classic shape made of 4-point and 3-point trusses, with or without hoist



BÜTEC arched roofs are impress by aesthetics and short construction time. Easy handling due to the special keder rails at the roof trusses, into which the individual tarp webs are inserted.

Arched roof



Aesthetic form of 4-point and 3-point trusses, quickly assembled and dismantled



Test books / construction records, issued by the TÜV, are also available for superstructures in various sizes.

Mobile BÜTEC roofings Special forms as optical highlights

Pyramid

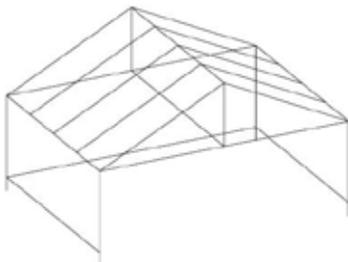


With only one winch, the roof is quickly and easily moved up and down.



BÜTEC Pyramid, the floating roof with only three supports – an extremely filigree design for special events. Design and execution protected by utility / design patents.

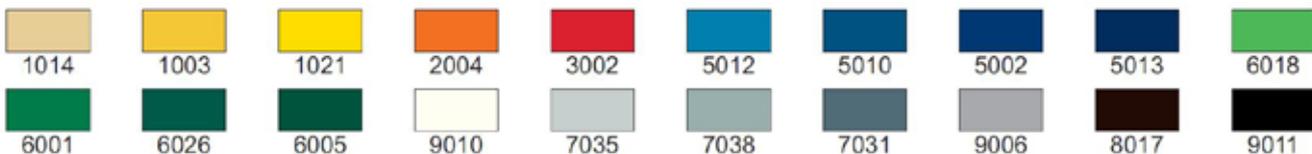
Saddle roof



BÜTEC saddle roofs offer a beautiful solution in particular for smaller stages. You benefit from simple assembly and dismantling and space-saving storage.



Roof tarps in RAL colours – Gauze only in white or black, special colours available upon request.



Tarps upon request also flame retardant according to DIN 4102, B1 or two-coloured with different front and back

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BÜTEC canopies Special solutions for many purposes



BÜTEC Starlight, the small roof for many applications, e.g. as market stall or trade fair booth for smaller presentations or demonstrations.

Starlight

Thanks to the lightweight construction of round aluminium tube, even laymen can easily assemble and dismantle this canopy, and it is particularly easy to transport. On BÜTEC compact platforms, the roof is quickly and securely fastened. Side and rear tarpaulins are also available.

Just ask for a complete package with stage platforms. Also suitable as an FOH.



Special constructions

Aluminium and steel constructions by BÜTEC for roofing according to your specifications, dimensions in keeping with the Building Code, with verifiable statics.

Anchoring on strip foundations or individual foundations with tubular. The design details will be determined according to structural requirements.



Left: Outdoor stage with round arch

Send us your sketches or drawings, and we will be pleased to plan and build your individual roofing.

BÜTEC stage wagon at a reasonable price Super design – super details



Stage trailer with double axle completely closed for transport



Stage complete, the stairs can be added at will in front or at the side.



Lockable equipment compartment with basic safety equipment



For transport, struts and railings are attached to the roof supports.

Super Truck

There is none faster: a stage that can be set up or dismantled by one person within 30 minutes.

Standard features:

- Complete set of tarps
- 2 stairs with handrails
- 4 additional 4-point roof supports
- Railing on sides and at rear
- Lockable equipment compartment with safety equipment
- Optional equipment: 2 PA wings

Technical Details

- Construction: Zincked steel
- Basic dimensions: 8.9 × 2.45 × 3.60 m
- Perm. total weight: 2.3 t
- Stage size: 7.5 × 6.0 m
- Total height: 4.6 m
- Clear height: 3.0 m
- Perm. roof load: 1600 kg
- Brakes: with ATC system
- Tow hitch: Jaw or tow-ball

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BÜTEC mobilizes 124 grandstand seats by pressing a button

Tribune trailer APPLAUSE

**permanent seating
at the click of a button**

Time is money – this proverb applies especially to the **BÜTEC** grandstand trailer

Seating capacity

With one staircase: 124 persons
With two staircases: 114 persons

This makes even set-up an economic success for your outdoor event. In just 10 minutes, one single person can open the grandstand at the push of a button. Eliminates tedious cranking!

In sports, politics or pageant events you offer spectators a dry and relaxed moment even in the rain.

"Applause" is guaranteed.



Standard features:

- Electro-hydraulic opening and closing of the grandstand
- PVC seat shells all round
- Complete set of tarps
- Lateral safety railings

Technical details:

- Construction: Zincked steel
- Basic dimensions: 9.90 × 2.50 × 3.85 m
- Extended: 8.20 × 6.50 m
- Tow hitch: Tow eye or ball head (height adjustable)
- Trailing load max. 3.5 t
- Double axle

If you are interested, we will be pleased to organize a demonstration of the stage or grandstand trailers – please contact us.

Best coverage with mobile commentator and interpreter booths

Commentator and Interpreter booths

Aluminium platform system with side and rear walls.

Modularly assembled as required, mounted quickly and easily from above on BÜTEC compact platforms.

A commentator must follow what is going on on the field. A well-positioned place with unobstructed view of the entire field is a prerequisite for successful work.

The monitor for repetitions and snapshots must always be in his or her field of vision, but must not block the live view of the game. In order to work undisturbed, the place should be in a separate area.

Notches in the cover plate for oblique insertion of the monitors open an ideal view for the commentator.

As necessary:
Wall sockets for
PC connections and desk lamps
e.g. for evening games.



Send us your drawings or sketches, and we will be glad to develop appropriate proposals.

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BÜTEC – mobile camera platforms

Press, TV and radio platforms



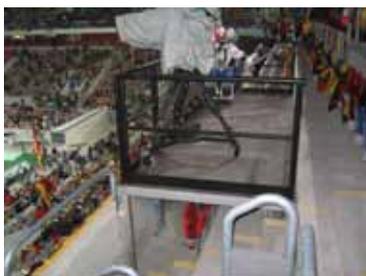
Camera platforms

Modularly assembled
from BÜTEC platform systems

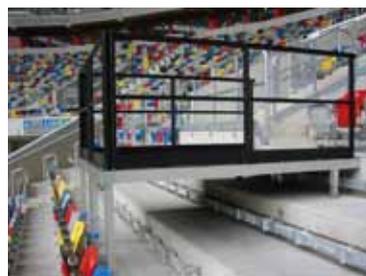
Made of aluminium with BÜTEC compact platforms. Designs and sizes can be adapted to meet the local conditions; height adjustment is ensured by telescopic legs.



Chair row archings are no problem. They enable the camera operator to have a free and exclusive view of the action of the playing field and the stands.



Events in the hall will be a success if the press is properly in position. For optimal camera pans and perspectives, special railings with removable or fold-down upper parts / handrails are available.



BÜTEC platform systems are TÜV certified and comply with the applicable provisions of the VStättVO.

For loads up to 750 kg / m²

BÜTEC products in use, e.g. in the ESPRIT Arena Düsseldorf, O2-Arena Berlin, Sparkassen-Arena Balingen

Stands at sports and show events

On BÜTEC platforms you always find a good place

Grandstands

made of platform systems,
mobile and versatile

BÜTEC offers a suitable solution
for every need:

Terraces or tribunes with benches or individual
seat shells.

Wooden benches permanently mounted
on platforms, e.g. of:

- Hardwood – durable and low-maintenance,
also for use in outdoor areas
- Multiplex beech or birch
with DD varnish, durable and easy to clean

With separate benches
bolted to compact platforms
or attached to the next level with
leg clamps,
use is possible alternatively also as
a terrace or tribune.

PVC seat shells are available with and without
backrest. Upon request
also available with
row and seat numbering.



Benches and front panels of yellow balau



Beech plywood seat benches



PVC seat shells on stadium grandstand

Ball nets

protect spectators and
technical equipment

Electrically powered nets are gathered upwards
liked partitioning curtains when
they are not used.

Nets made of nylon, in various
mesh and thread sizes, are
available with and without border edging.
Standard colour: natural white
Impregnations for UV stability or
flame retardant properties (DIN 4102, B)
as well as dyeings are possible.



Nets lowered



Nets are gathered upwards

In electrically driven systems, combinations with net in the upper and
partitioning curtain in the lower area to c. 2.30 m height are easily implemented.

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Multi-purpose facilities require temporary grandstands Telescoping grandstands solve the problem



Tribune facilities in a multi-purpose hall with retractable seating

Telescopic grandstand

Just press a button for the required seats

An ideal solution for theatres, studios, concert halls and sports and multi-purpose halls.

The audience sit on wooden benches or individual seats, optionally with numbered rows and seats.

Height increments of 34–40 cm, in the passage area each with an intermediate step. Steps are optionally available with stair illumination as well. Passages and stairs are covered with 18 mm multi-layer wood panels, and the surface has an anti-slip phenolic resin coating.



Tribune with plastic bucket seats



Wooden seats retractable

The top level is permanently attached to the rear wall, and all other levels are easily extended and retracted on steel supports with carriages. The rubber or polyurethane rollers on the carriages do not damage the floor.

The need only about 1.30–1.50 m of depth to stow away a full grandstand.



Tribune with seat shells in parking position



Tribune with benches in parking position

The steel frame construction is delivered in blocks of max 6.5 m width and assembled on-site.



Select your seat from a wide variety of designs, plastic, wood or upholstered, with or without a backrest, upon request also with additional armrests – according to individual needs and application requirements.

Technology adapted to local conditions

Partitioning curtain: Dimensions and variants

Hoist

Continuous shaft or central winding shaft

It is often difficult to coordinate all the specialist trades. Vent pipes, cable trays or lights must be installed in the roof area. Our experts will select the right solution for your hall.

The shafts are powered by a geared motor 400V, 3 phases. A reversing contactor (230 V) ensures that upon actuation of the key switch the curtains are moved up or down in controlled fashion with a maximum speed of 10 cm/sec. Each system is equipped with safety gear and safety limit switches.



Common shaft: with maintenance-free ball bearings every 3.5 – 4.0 m mounted on bearing blocks. Traction belts to raise the lifting tube are wound up on the shaft using belt forks



Central winding shaft: installed centrally, at right angle to the partitioning curtain. The traction belts are deflected and, arriving from both directions, wound up on belt drums.

Space requirements

Full webs or half webs

The surface area of the partitioning curtain is connected at the seams and will be folded upon raising the lifting tube; thus the package height depends on the web width of the surface material:
Standard: 130 cm (full webs)
Alternatively: 65 cm (half webs)

Package height:

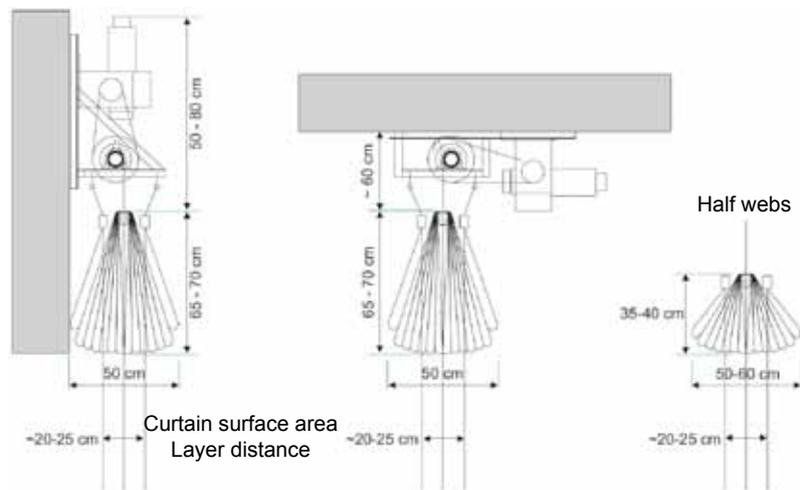
normal: 65–70 cm (full webs)
reduced: c. 35–40 cm (half webs)



Partitioning curtains in upper parking position



Industrial buildings can also be partitioned. Cutouts and simple wicket doors at the end of a curtain are possible and often necessary to secure the escape routes in case of fire.



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Sports and multi-purpose halls

Partitioning curtains make more out of your hall



Triple gym with two partitioning curtains extending from wall to wall



on double steel truss



Partitioning curtain mounted on laminated wood truss



Version with upper panel



Partitioning curtain for suspended ceiling

Partitioning curtains

In a hall: School sports, club training and competitions

In the partitioned hall, several groups can practice at the same time, and for club sports or professional tournaments, the entire playing field is available without restrictions.

Partitioning curtains according to DIN 18032 Part 4

are mounted in the roof area and can be lowered within a few minutes

. The double-layer curtain surfaces are durable, sturdy and easy to clean. They are made of a flame resistant material certified according to DIN 4102, class B1. Material: Backing fabric with PVC-containing or PVC-free coating at your option.

Partitioning curtains can be mounted laterally on the truss or suspended from the same. For positions between two trusses, upper lashings are required if suspension is not possible from other elements of the roof structure, such as purlins or traverse trusses.

SOUNDPROOFING

For increased soundproofing requirements, a special multi-layer fabric with one-sided velours surface can be used.

The laboratory values for standard materials amount to 22 dB, multi-layer fabrics achieve up to 26 dBA in laboratory tests. However, in practice the secondary sound channels in a hall will result in much lower values. Sound transmission can be easily reduced by lateral sound sinks. The material offers acoustic benefits by improved sound absorption and therefore a reduction of reverberation times.

Partitioning curtains are deemed "suspended loads above people" and must be provided with the necessary safety equipment. Annual inspections of the facilities by experts is essentially mandatory.

Mobile dance floor with parquet with patented, boltless quick connector

Parquet dancing plate

a tournament-ready dance floor
even for pros

with a surface of 9 mm solid oak parquet,
"mosaic" design.

The parquet is enclosed, on a support
material, in a special aluminium frame.



Panel sizes:

95 × 95 cm and 95 × 47.5 cm

Total thickness: 25 mm



The patented system consists of individual panels which are connected, in masonry style, by simply plugging together. Without tools or screws, the floor is quickly laid and removed again after the event.



Chamfered edge profiles of aluminium, anodized in gold and bronze, ensure secure cohesion of the floor area and entering without stumbling. The 12-cm-wide profiles are likewise easily connected without screws.

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Mobile dance and multi-purpose floors with patented, boltless quick connector



Multi-purpose floor

with robust laminate as dancing and multi-purpose area or for your trade show booth

The ship floor oak parquet laminate is enclosed, on a support material, into a special aluminium frame.



There are laminate surfaces in many different colours and patterns. The material is shatter-proof, non-crushable, flame retardant, resistant to staining and easy to maintain.



Patented system of individual panels, to be laid without bolts and tools.

Panel sizes:

100 × 125 cm / 100 × 62.5 cm
Total thickness: 25 mm

Commercially available detergents allow to permanently maintain the optical impression for every new event.



Also for the rental business!

For extreme conditions, there are also special versions with reinforced carrier plates available.



The connection is made over the entire length of the panels using the screwless patented system by **BÜTEC**. The surface is free of boreholes and fixing locks – everything laid quickly and easily without tools.

Mobile dance and multi-purpose floors

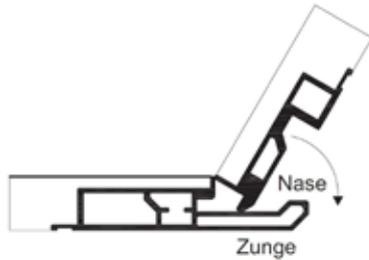
Principle, installation and accessories

Laying

of dancing panels and multi-purpose floors

BÜTEC dancing and multi-purpose floors are laid by joining in masonry style.

The frame profiles of the panels have "tongues" or "noses", which interlock and allow for stable connection of the individual panels – without screws



The system is available exclusively only from BÜTEC.

Dimensions:

Parquet panels

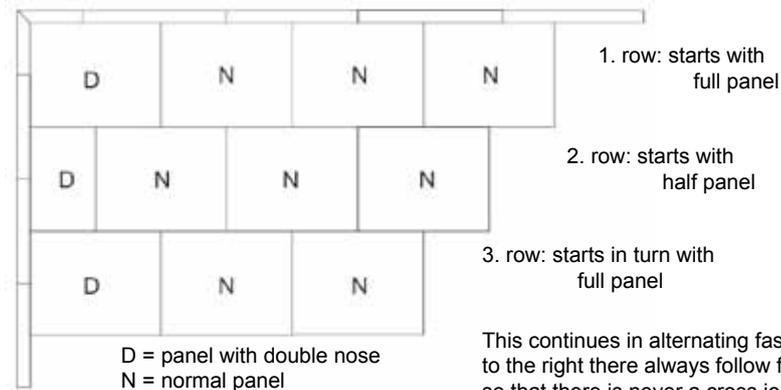
95 × 95 cm / half: 95 × 47.5 cm

Laminate panels

100 × 125 cm / half: 100 × 62.5 cm

Strength: 25 mm

Edge: 12 cm wide, chamfered



This continues in alternating fashion, and to the right there always follow full panels, so that there is never a cross joint. Only at the end of every second row there is half a panel again. This laying style causes the rows to stabilize each other. There is never a meeting of four corners, where the panels might slip.

The panels are vertically inserted with the "nose" into the profile with the "tongue", then folded over, closing the connection. When laying on carpet floor, a felt brake is to be used.



Trolley

a stable steel frame construction, powder-coated black, with two fixed and two swivel castors.

BOB I:

Suitable for up to 25 dancing panels

Size: 125 × 70 cm

BOB II:

Suitable for up to 30 dancing panels

Size: 125 × 90 cm

BERLIN:

Suitable for up to 50 dancing panels

Size: 130 × 100 cm

Optionally: Extension to 155 cm

with insertion frames – for laminated plates.

The border is laid staggered, too

Special plates adapted to slopes or projections are available



BERLIN for horizontal storage



BOB for vertical storage

BÜTEC

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Protect your floor with multi-purpose protective covers by BÜTEC



Protective covers

Any floor can be covered
with plates of 1 × 2 m

BÜTEC protective cover can be used
anywhere to protect sensitive
floors, e.g. in
gyms, multi-purpose halls, hotels,
church halls, at trade fairs and
exhibitions. The covers absorb
the sound of steps and can also
be laid out on platforms.

BÜTEC protective coverings are anti-slip,
and appropriate transport or
storage trolleys are available.

Fast and easy laying

Multi-purpose protective covers by BÜTEC are
so easy to handle that large areas are laid in an
instant. An appropriate number of 2-m²-panels
are simply brought by storage trolley to the
application site, and the individual mats are laid
tightly side by side.



Easy to clean

The non-woven upper layer is mottled
and thus insensitive to dirt.
Like any durable carpet floor, the multi-purpose
protective covering by BÜTEC can be cleaned
easily with a vacuum cleaner.
Tougher stains can be
easily removed with foam cleaners.



Anthracite



Blue



Grey



Brown

Concord

Tile format: 200 × 100 cm
Total thickness: c. 5.1 mm (± 5%)
Total weight: c. 3100 g/m²
Flammability: Bfl-S1 DIN 13501-1



Black



Blue



Dark
Grey



Grey



Red

Effex

Tile format: 200 × 100 cm
Total thickness: c. 6.2 mm (± 5%)
Total weight: c. 3400 g / m²
Flammability: Bfl-S1 DIN 13501-1

Facilities for event locations

Functional furniture for your event

Barrier systems

Versions with posts as personal barrier system

Posts are available in stainless steel, chromium, brass or nickel, polished. Some models are also available in matted nickel. Matching cords in many colours and clip-on signs.

Upon request:
Systems with varnished posts and roll-up belts.

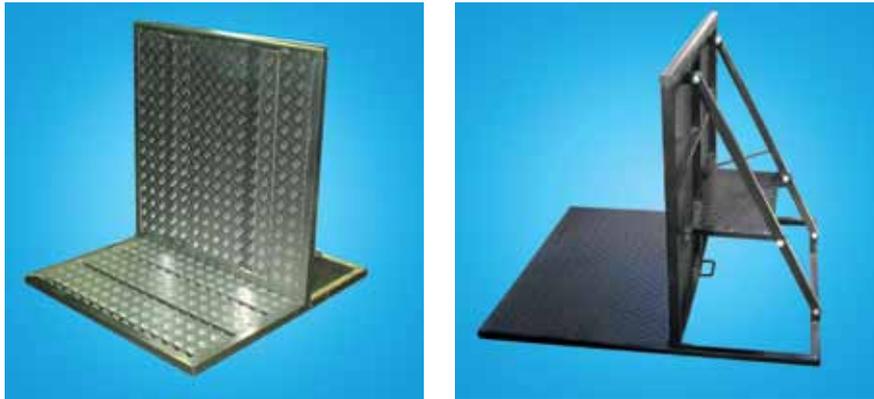


Barrier to safeguard the stage area

Designs in steel or aluminium are available

Height: 1.10m
Element length: 0.5 m – 2.0 m

Barriers with corners can be built with angular elements of 90 ° or 45 °.



Furnishings for event locations in many variants.

You are looking for suitable furnishings?

BÜTEC also provides:

- Coat racks
- Brochure stands
- Waste containers
- Standing ashtrays
- Lecterns
- etc.



Please let us know your needs. We will be pleased to send you a detailed quote or more information.

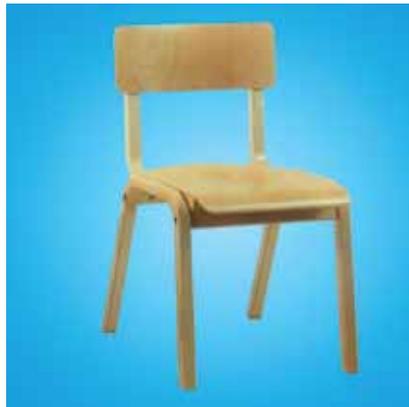
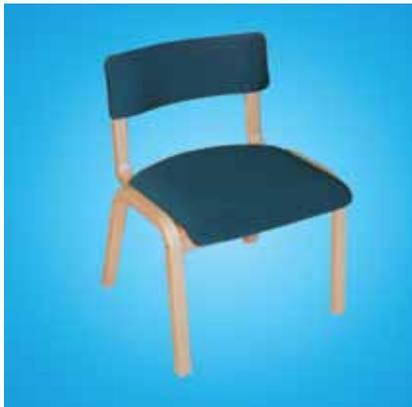
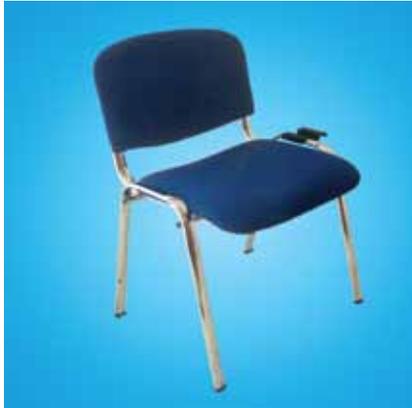
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Facilities for event locations

Space-saving storage with stackable chairs by BÜTEC



Stackable Chairs

various types and versions are available

Stackable chairs of laminated wood or steel tube frames, optionally seat and backrest padded. Also available with armrests. For all chairs, series connector and seat or row numbering are also available.



Folding Tables

Stackable folding tables comprising a 19-mm base plate with plastic coating, extremely strong edge and plated folding frames.

Surface:
coloured or wood finish

Edge:
Light grey or beech

Dimensions:
Width: 65 cm, 70 cm or 80 cm
Length 120 cm – 200 cm
(graded in increments of 10 cm)



Suitable transport and storage trolleys for stacked chairs and folding tables are available upon request. Further stacking chairs, e.g. with wooden bucket seats, in many forms are available. Just contact us.

Building and rigging with BÜTEC products

We implement your wishes individually

Furniture

Individual objects for fairs, office or homes

Aluminium frame designs with plug-in legs are produced in any desired shape and completed with cover plates, front, side or rear panels individually according to your wishes.



A bar for your reception, trade fair booth or for your guests at home

Tables or counter installations e.g. with cover plates:

- Convenient: plastic-coated
- Noble: natural wood with DD varnish
- Extravagant: granite
- Translucent: Lucite

Front and side panels e.g. made of wood, Lucite, chequer plate or decorative aluminium sheets are alternatively installed before or under the frame

Lighting and electrical outlets can be easily integrated.



Working tables with top for your reception or workplaces for journalists, commentators and interpreters in an event hall

With BÜTEC platform systems, you can construct additional levels in the indoor or outdoor areas. With a maximum load of 750 kN / m², the systems are suitable for all areas.



You have distinct ideas and do not know yet how to implement them? Just give us a call, we design and build to your desires.

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BÜTEC operational and administrative buildings with four production halls in Mettmann.

BÜTEC is a second generation family business. The focus is always on customer satisfaction. Since 1979 management and staff have been working with great commitment on the continuous development of products and systems to ensure this. After detailed planning and design, our production creates original products "Made in Germany" with high standards in terms of quality, safety and reliability. Professional event equipment and complete project management by our professional staff form the basis for the success of any event. Individual requests can be met flexibly and quickly.

Planning



Benefit at every stage of planning from the personal consultation by one of our dedicated employees in sales and construction. Using professional CAD support, complex systems are implemented as professionally.

Production



The various systems of the BÜTEC product range are manufactured from extruded aluminium profiles and assembled. Individual forms and components can be welded properly as special designs.

Execution



Even under extreme conditions, the projects are handled quickly, reliably and professionally by our experienced service team. Through timely completion, BÜTEC provides the backdrop for any event.





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***Your partner for event equipment
worldwide***



BÜTEC products are globally available. Representatives and distributors in Europe and many other countries are looking forward to working with you. Contact us.

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