

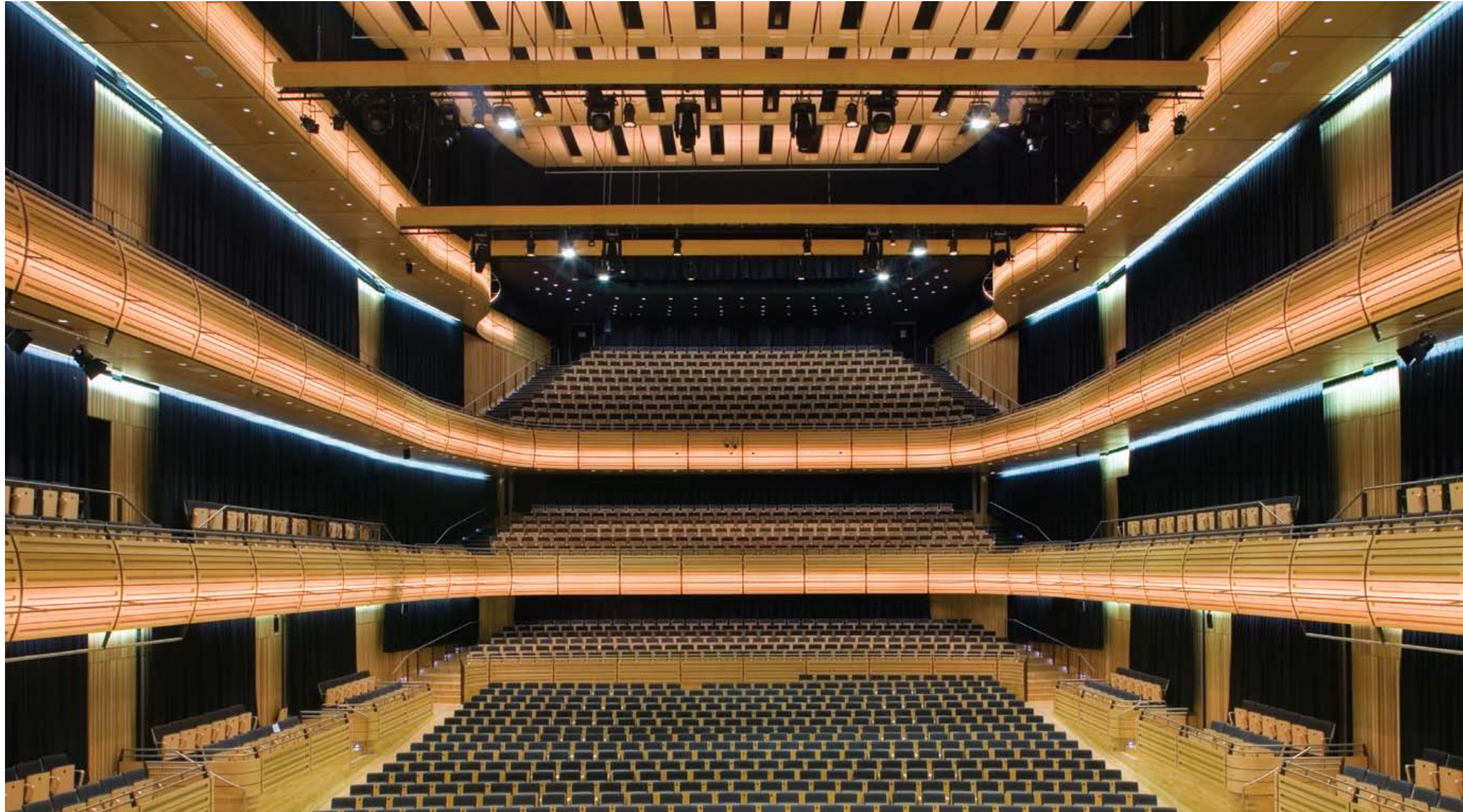
Triple E Track

As the Distributor in the Americas of Triple E track and accessories, Rose Brand's depth of knowledge and stocking inventory enable us to provide our customers with a range of the best track systems in the field. For almost a decade, Rose Brand and Triple E founder, David Edlestein, have joined forces to present this premier product to technical theatre, entertainment touring and non-traditional theatrical venues here in the United States, Canada, Central and South America.

Triple E is the finest track in the entertainment industry and is recognized for its high level of design and engineering specifications. The manufacturing process produces a stiff, high working load, quality track for the most demanding of applications for touring and permanent installations.

Triple E track is the track of choice in Europe and has been installed in the most prestigious performance venues. Established in 1984, Triple E sets the standard for innovation, precision and performance. The systems are quiet, have high load capacity and carriers have the additional unique feature of "pivoting" which insures ease of installation after the track is installed.

Rose Brand carries a large stock of Unitrack, Unibeam and 3 Way with all the assorted hanging hardware, ropes, carriers and supports. Chain Track is a unique track for custom applications and is designed to solve seemingly impossible problems of stacking space, tight radius corners and theatrical applications in non-traditional spaces. Chain Track, is currently in use in venues ranging from Houston's Lakewood Church to Cirque De Soleil's Las Vegas show, LOVE.



For over 20 years, UNITRACK has been a market leader due to its robust construction, versatility, and reliability. This reputation has been founded on its use in major theatrical shows and events as the 'rental product of choice' by suppliers worldwide.

With its full range of accessories, UNITRACK is most suitable for heavy duty applications and will easily meet the demands of all major venues and shows. It is particularly valuable for all touring applications and has been extensively used in all fields from Opera to Rock.

OVERVIEW

The unique fabricated 'I' beam, with its simple one bolt and four spigot jointing system forms the heart of UNITRACK to give the user a 'jam free' running surface. Ball raced runners and nylon pulley sheaves add further to the smooth, silent operation.

UNITRACK's versatility and simplicity mean that we can provide most solutions with standard parts or if necessary custom design to suit your requirements. With the addition of a TRACDRIVE motor, you will achieve a fully motorized system. See the TRACDRIVE information on pages 8 and 9 for details. There are many choices with this amazingly versatile system, including 18 cording variations and a full range of accessories and hanging brackets, for straight or curved tracks.

A selection of UNITRACK accessories is shown below. Rose Brand is proud to partner with Triple E to offer superbly constructed track systems for permanent installation and touring. Please visit our web site at RoseBrand.com or call our sales department at:
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TRACK

The unique fabricated 'I' beam, with one 8mm bolt and 4 jointing spigots ensures easy assembly. Its symmetrical shape allows it to be used either way up.



RUNNERS

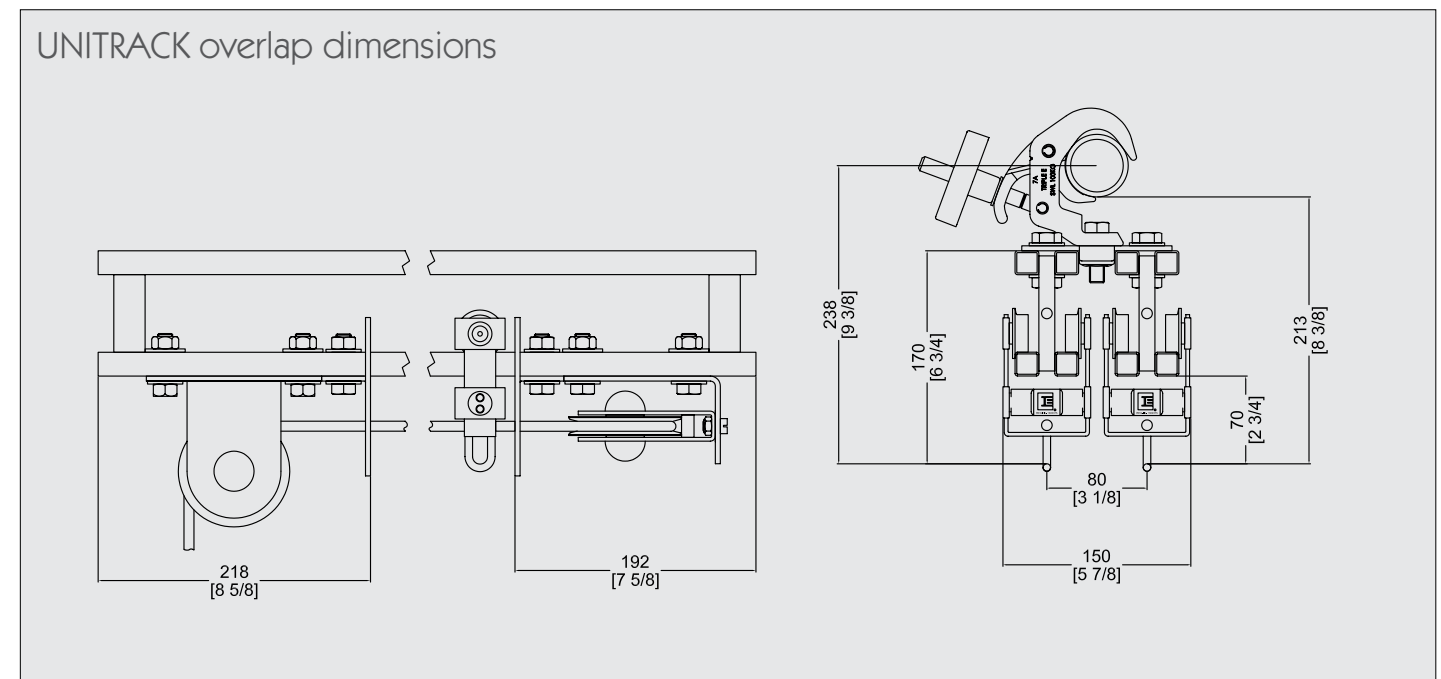
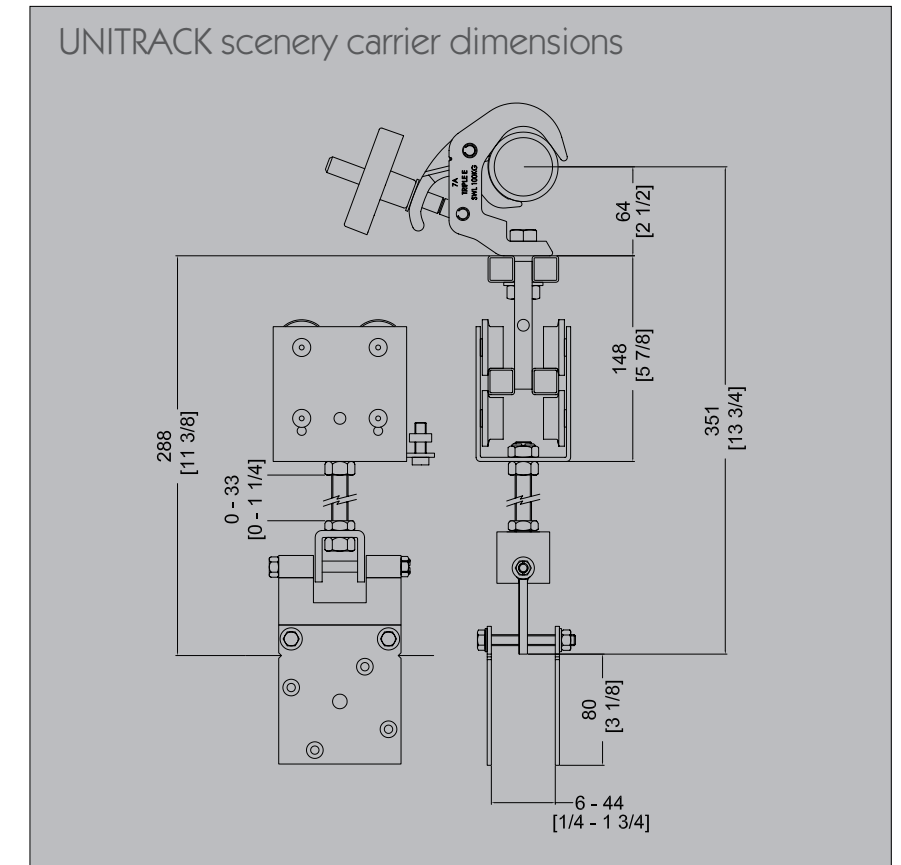
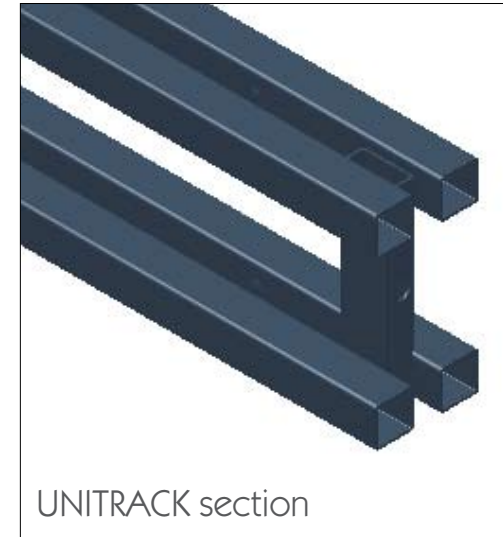
Nylon wheels encase precision bearings. Rubber buffers provide silent stacking. Runners can be removed or added at any point along the track. A range of runners and scenery carriers is available. The rearfold accessory may be added to enable curtains to stack offstage rather than from center.



SUSPENSION

The versatile slot design enables positioning of hanging points anywhere along its length, including eye bolts for steel rope, studding, girder clamps or purpose made brackets. Our hook clamp will fit tubes from 38 to 52mm.

reliable
 versatile
 robust



unibeam

The versatility and dependability of all Triple E products continues in UNIBEAM, an extruded aluminium, black anodised equivalent of Triple E's UNITRACK system.

It is strong enough to be used as a suspension beam in its own right, and is ideal where curved sections are required. UNIBEAM can also be used with drive chain instead of cord, by the addition of the CHAINTRACK insert, allowing even greater flexibility. See the CHAINTRACK details on pages 6 and 7 for the advantages of using this method.

UNIBEAM is perfect for permanent installations in heavy duty applications. It has also proved itself in touring environments.

OVERVIEW

Dimensionally identical to UNITRACK, UNIBEAM shares many common components. The track is available in 6.1m (20') lengths and can be pre-rolled to a minimum radius of 2m (6'6"). Joining and alignment is by means of steel plates and grub screws. The symmetrical design allows it to be used either way up, and the continuous top slot allows the use of all UNITRACK suspension fittings into a standard M12 channel nut held captive in the slot.

Precision ball raced runners and scenery carriers as well as nylon sheaved pulley blocks are used for UNIBEAM from the UNITRACK range. With the addition of the TRACDRIVE motor or CHAINTRACK insert, it can become a fully automated system, with all the added flexibility that CHAINTRACK offers such as more options for curtain movement and absolute accuracy of positioning.

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TRACK
UNIBEAM is available in 6.1m (20') lengths and can be pre rolled to order down to a radius of 2m (6'6"). Joining and alignment is achieved with pre-drilled steel plates and grub screws.



SCENERY CARRIER
All the master and slave runners for straight and curved tracks from the UNITRACK range can be used, as well as the heavy duty scenery carrier pictured here specifically for UNIBEAM.



CHAIN DRIVE
By the addition of the CHAINTRACK insert, UNIBEAM can carry exceptional loads with extreme accuracy.

dependable
flexible
strong

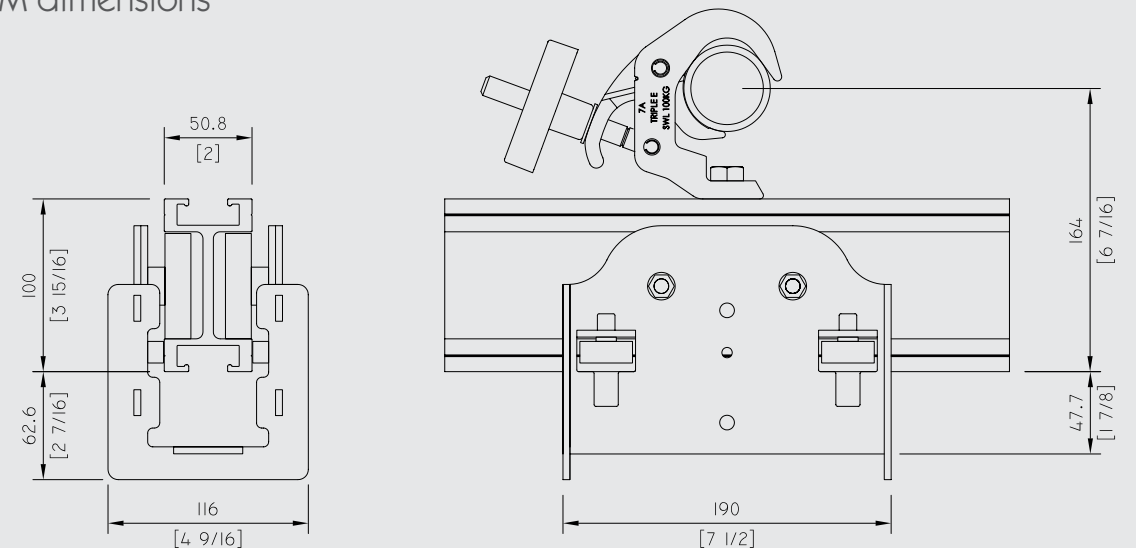


Puy Du Fou

The brief called for a "U" shaped track of over 100m (328') length, with a 3m (10') radius curve at each end. This is one of the longest tracks Triple E had been asked to produce and in order to ensure maximum efficiency, they combined two of their standard systems. UNIBEAM was used to carry the curtains due to its high carrying capacity, while CHAINTRACK provided the motive power. The system was very compact and due to the compatibility of the systems and components, was very quick to install.



UNIBEAM dimensions



chaintrack

This unbelievably versatile new way of running and stacking drapes uses duplex chain instead of rope, enabling radii of just 30mm (1 1/4") and turns of 180 degrees. It is literally our most flexible system and will suit any application where a medium to heavy duty track is required, but stacking areas are challenging; or where non conventional applications are needed.

OVERVIEW

The track itself is a purpose designed extrusion, in single or double form, into which continuous machined UHMW profiles are inserted. The upper portion of a duplex chain runs in the machined slot, and is driven by a motor. Drapes are hung by hooking them into the lower section of the chain.

The double profile track which carries two chains has three hanging slots. One in the top and one in each side, all of which accept standard channel nuts and offer a range of fixing options. While the single profile used mainly in the stacking areas, has a single slot in the top only. Each CHAINTRACK system layout is custom designed. Its standard components are the track as shown below and a selection of sprockets. All the necessary platework, guides, motor and controllers are designed and specified for each particular project.

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KEY FEATURES:

Because the chain is rigid, the curtain remains flat when drawn offstage, enabling an image or pattern to remain in view.

With a suitable sprocket arrangement it is possible to run the drape around to the reverse side, enabling double sided curtains to be used.

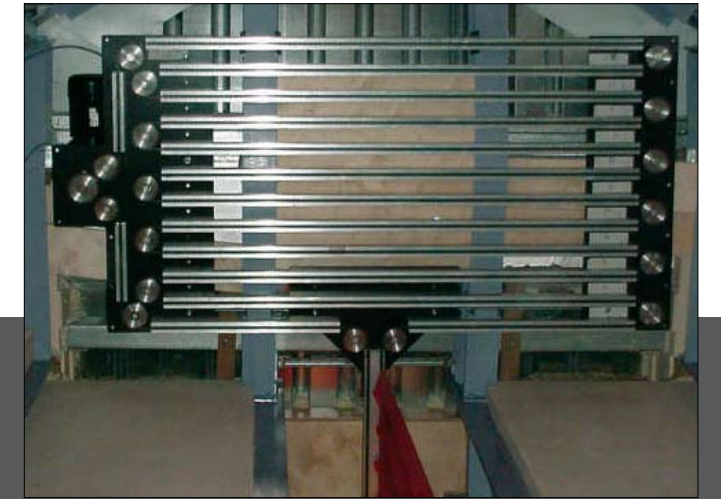
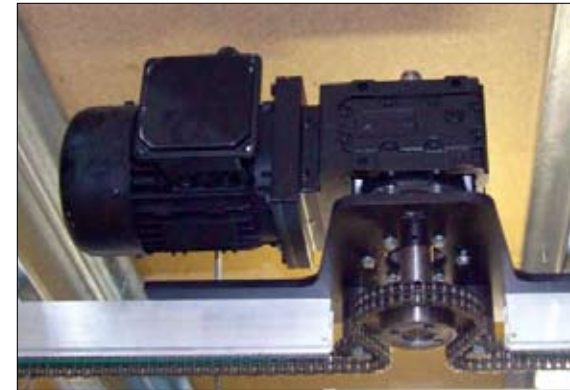
By creating a continuous loop, a constantly moving backdrop can be achieved.

There is no drive slippage with CHAINTRACK, therefore driving an absolute encoder from the gearbox or sprocket makes it totally reliable and precise, capable of re-creating exact effects and positions time and time again.

By using parallel tracks of the appropriate length, the curtain can be stacked in a storage area just a fraction of the length of the curtain itself, and remain flat at the same time.



“chain is the new rope!”

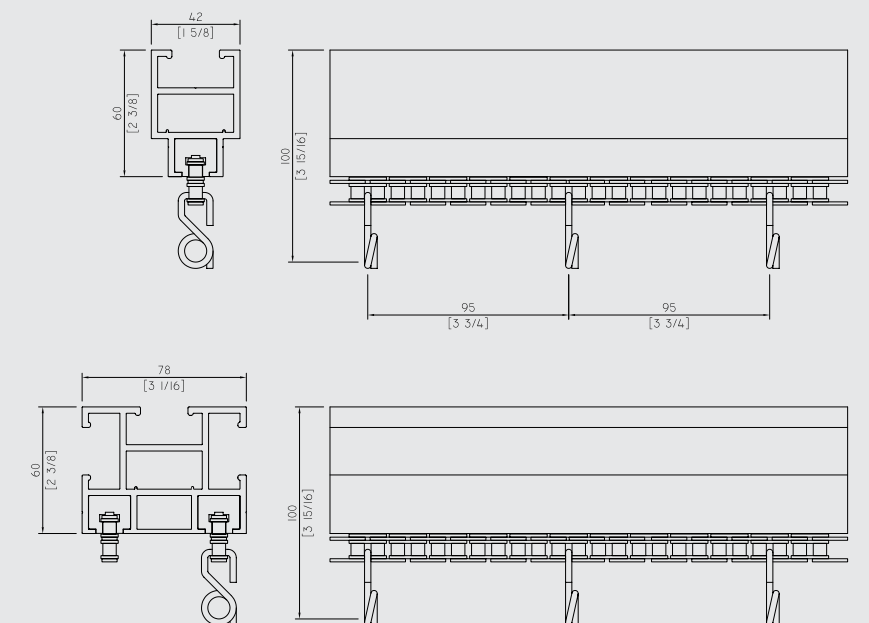


typical stacking arrangement

The images show the incredible adaptability of CHAINTRACK in this complex stacking area.

They show the empty stacking pocket and the curtain arriving into the pocket, as it starts to track offstage. This is a typical installation for a school where offstage storage space is often at a premium.

CHAINTRACK dimensions



tracdrive

TRACDRIVE provides for the simple automation of all our corded tracks.

TRACDRIVE can be fitted or retrofitted without the need for skilled labor, allowing a track system to be developed as needs grow and budget allows. TRACDRIVE is in use in theatres, entertainment venues and many cruise ships such as the Princess, Carnival, Costa and Holland America lines for all motorized systems on their stages.

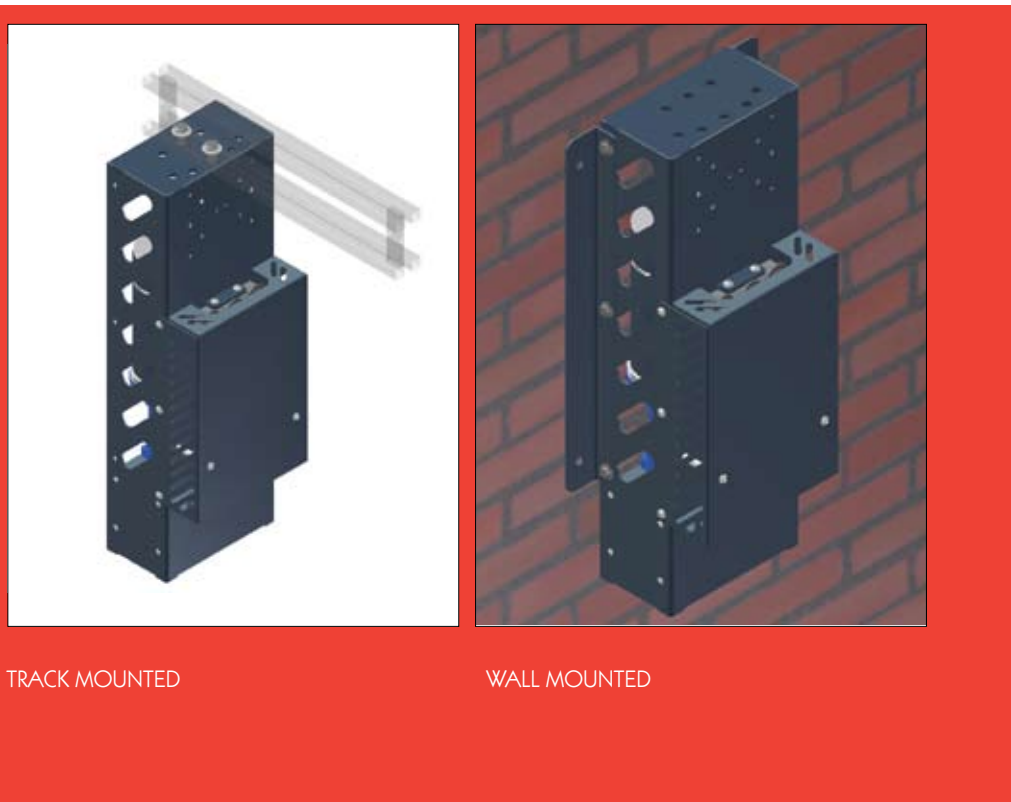
OVERVIEW

TRACDRIVE can either be track mounted, or situated on a wall or floor where it replaces the foot stirrup or adjustable floor pulley. Instead of a helical drum with wire rope, TRACDRIVE operates by means of a pair of "V" groove pulleys and sprung tensioners, to provide a friction drive on our standard 8mm rope. This makes it a very compact and efficient solution for small venues, while still being powerful enough to haul large drapes on UNIBEAM or UNITRACK.

TRACDRIVE has also been used on stages for multiple motorized systems, and has been successfully toured and held as rental stock.

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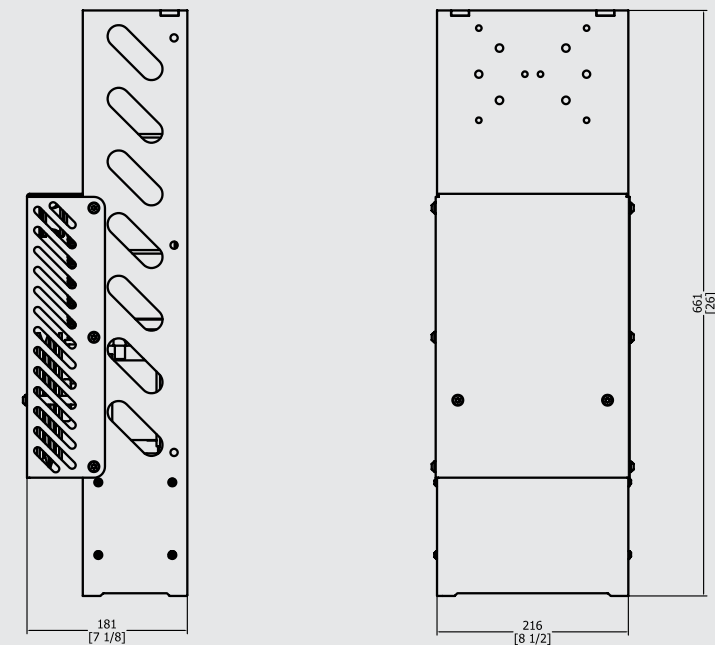
revolutionary proven compact



REAR VIEW

By using cord instead of wire for silent movement, and thanks to inverter optimised motors, TRACDRIVE is extremely quiet. With a variable speed range from a crawl to 1.5m/s (5ft/s), TRACDRIVE will power any of our tracks and will operate all curtains, including the rearfold system. Further controllers are available to suit your needs including encoders for accurate positioning and a DMX interface to existing control systems. TRACDRIVE requires only a single phase power supply. TRACDRIVE can also be used for scenery movement, with the addition of more comprehensive control and programming equipment.

TRACDRIVE dimensions



3way

3WAY was another ABTT 'Product of the Year' Award winner for Triple E at its launch in 2005.

3WAY is aimed at venues with a need for a robust medium-duty track that is straightforward to install and operate. It also looks good by virtue of the cording that is hidden inside the track.

3WAY meets the needs of architects and designers who want the track system to be unobtrusive as well as to function efficiently. This is a truly sophisticated track.

OVERVIEW

The aluminium extrusion is available in 6.1m (20') lengths and can be pre-rolled to order down to a radius of 750mm (2'6"). It is available in self color or black anodized, with all components appropriately co-ordinated. The track is joined with BZP steel bars placed in the side slots. Running and cord guide surfaces are aligned with roll pins placed in keyhole slots in the base of the extrusion.

Nylon runners are available with or without ball races to ensure virtually silent travel, while a range of ball raced nylon sheaved pulleys add to the overall smoothness of this system. The extruded top slot enables the use of all our standard suspension fittings, with the aid of captive channel nuts. Overlaps can be achieved either on two tracks with the overlap assembly, or on single tracks with the addition of overlap arms to the master runners.

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TRACK
The 3WAY extrusion is available as shown in black anodized or self color aluminium, in lengths up to 6.1m (20') and is joined and aligned with two steel bars and four roll pins.



RUNNERS
Nylon master and slave carriers with or without ball races are available. 3WAY is not suitable for scenery.



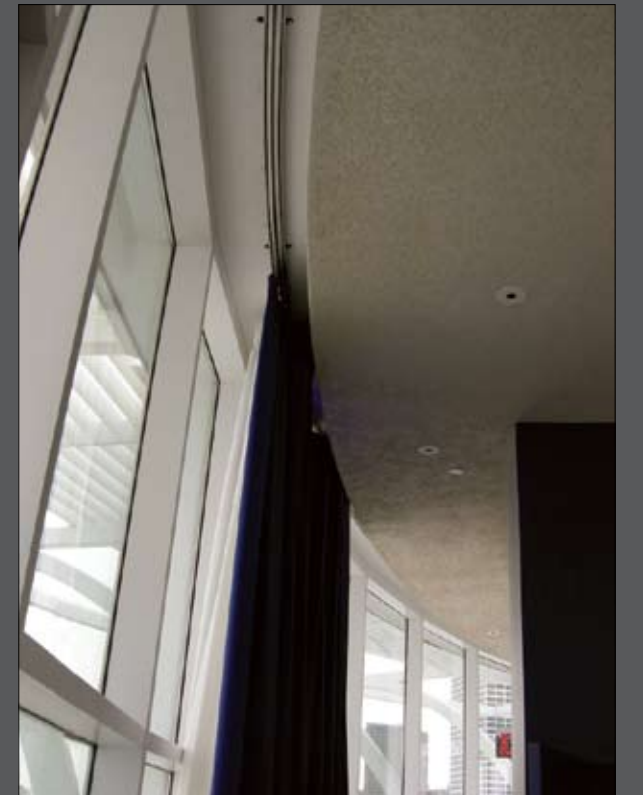
OVERLAP
The overlap track assembly is pictured, but overlaps on a single track can be achieved with the addition of overlap arms to the master runners.

straightforward
sophisticated
unique

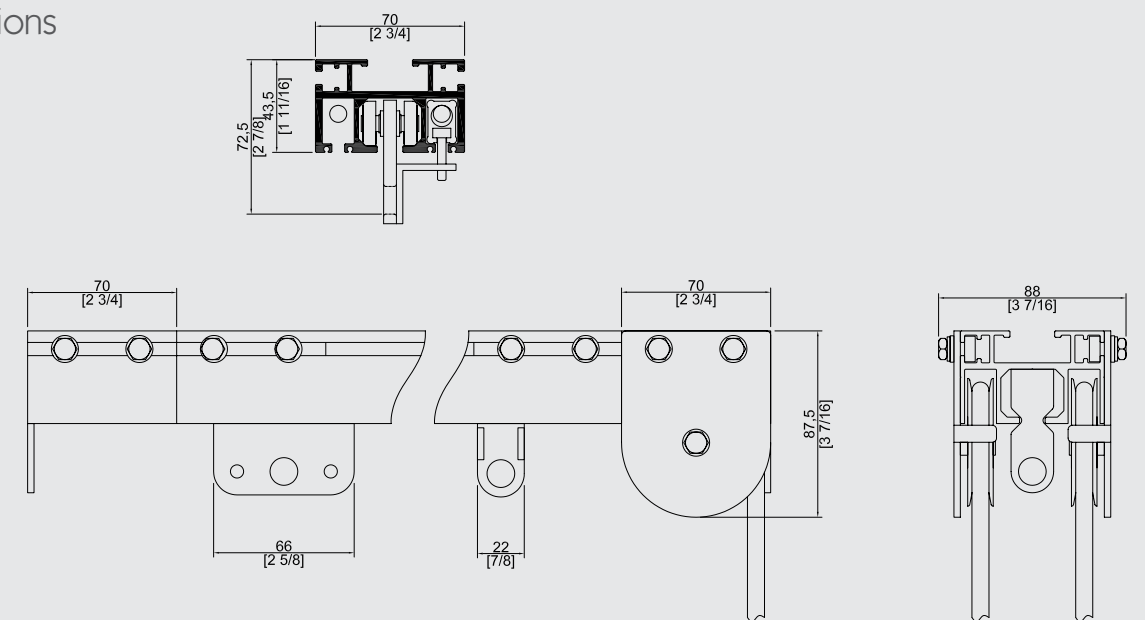


The Pilot House

The illustration shows the installation of a motorized 3WAY track system at The Pilot House overlooking Lake Michigan. The requirement was to enable this circular entertainment venue to be blacked out when required, while at the same time retaining the appearance of the window line. The circumference was divided into eight center overlap systems. Triple E also supplied all the motors and custom control to interface with the wireless room control system.



3WAY dimensions



variable acoustic banners

With variable acoustics now a key part of modern performance space design, Triple E has applied its expertise in fabric management to meet the demands of acousticians and architects involved in designing some of the worlds leading Opera Houses, Concert Halls and Theatres.

The intention is to provide perfect acoustic solutions for a variety of performance situations within one multi-purpose venue. Systems can be designed with either horizontal or vertical travel.

venetian banner construction

An acoustic banner consists of two layers of fabric, usually wool serge, hanging vertically and separated by horizontal slats. The arrangement is similar to that of a Venetian Blind, with the addition of a fabric cover front and back.

the mechanism

Banners are raised and lowered by means of a flat, stainless steel band around a pile-on drum. The band passes through the slats and is fixed to a tray at the bottom of the banner, so that it is gathered up as it is raised. A shaft supported on bearings mounted in custom designed metal frames drives the pile-on drums. The metal frames are usually custom designed for each project and can be wall or ceiling mounted to suit the location.

The motor driving the shaft is fitted with a brake and an integrated inverter for speed control. Limit switches and encoder are fitted as appropriate to ensure accurate positioning. The whole operation is virtually silent and can be run 'live' in front of an audience without distraction. The control systems are built for each project to suit the client's needs. Remote control and wireless devices are also available.

LSO St Luke's

Triple E was contacted by Roger Fox of Theatre Plan and Kirkegaard Associates Acousticians, to assist with the creation of a variable acoustic system for the new LSO facility at St Lukes, in London. Triple E designed, supplied and installed 32 acoustic banners which are raised and lowered vertically to modify the reflection of sound waves within the performance space. The banners are of both the roller type and the venetian system pioneered by Triple E using flat stainless steel band as the lifting medium. These banners are literally used to 'tune up' the room and store unobtrusively when not in use. Triple E also produced the touch screen control system.



silent
effective
unobtrusive

As the demands for variable acoustics are entirely specific to each venue, our acoustic solutions are only available following full consultation and client specification. Working closely with the acousticians, architects and designers, our project team will ensure that our equipment is designed and installed to meet the brief and to be as unobtrusive as possible. All our products are straightforward to maintain and operate and we supply training, an operator's manual and all necessary documentation.

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Royal Horticultural Halls

roller systems

Triple E also produce roller banners which utilize tubular motors. These provide an elegant and economic solution to spaces where fabric deployment is not always seen, such as the roof voids in the Royal Festival Hall. Roller banners are also useful for windows such as those in the Royal Horticultural Halls where they formed the dual functions of blacking out the windows and improving and containing the sound within the hall.

variable acoustic curtains

Acoustic Curtains were developed alongside our acoustic banner systems as a further aid to improving the variable acoustic properties of all newly built performance spaces. We have combined our knowledge of efficient and reliable tracking systems, with our reputation for custom solutions.

choice
accuracy
precision

curtain construction

Providing a valuable alternative to acoustic banners, acoustic curtains are made in a conventional manner, from a variety of fabrics but usually Wool Serge. Materials are chosen to suit the overall design and look of the finished auditorium as well as to achieve the acoustic modification required.



the mechanism

Utilizing the Triple E CHAINTRACK product as the driving force for acoustic curtains enables a great degree of accuracy for positioning and control. There are several features of CHAINTRACK which make it eminently suitable as a variable acoustic solution. The option to see both sides of a drape will allow two colors or finish choices while the ability to use the stacking option for confined spaces, optimises storage availability.

Please see the CHAINTRACK information on pages 6 and 7 for full details of the system.

The Sage Gateshead

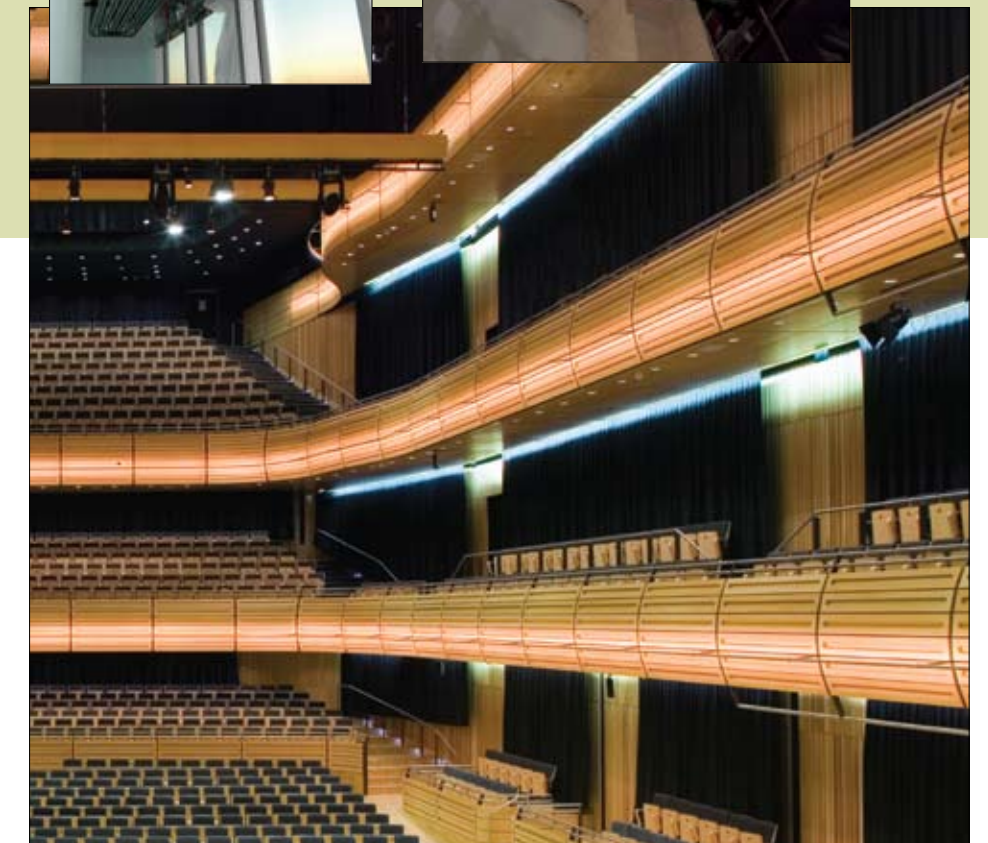
When asked to design a system for providing Acoustic Curtains for the new £70m home for live music in the North of England at The Sage, Gateshead, one of the major challenges Triple E faced was where to put the curtains once they were tracked off.

The curtains covered 90% of the walls of Hall One – the main auditorium, and the largest single curtain was in excess of 49m (328ft) long.

The relatively new CHAINTRACK system was the obvious answer, but Theatre Projects consultants requested that Triple E carry out simulated tests of the system to ensure it would promise a working life in excess of 20 years. The test system performed twice as many cycles as were required.



CHAINTRACK stacking areas.



Hall 1, The Sage

Photograph courtesy of Sally Ann Norman

The advantages of using CHAINTRACK are clear for acoustic curtains, but as with all CHAINTRACK systems, customization is the key. We work closely with the client on developing the correct drape and track system combination to ensure that the brief is met or exceeded. We carry out all fabrication and installation, always taking into account the demands of the building in which the Acoustic Curtains are being situated. All our products are straightforward to maintain and operate and we supply an operator's manual and full documentation.

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custom design

Triple E has an ongoing commitment to aiding designers, architects and acousticians in the entertainment industry to achieve their ideas. Many of our standard products started as custom designs for specific projects or shows.

We work closely with our clients to provide practical solutions to all of their fabric and scenery management challenges. If you need to raise it, lower it, hang it, drop it or just wish it away, we will meet your needs. If we don't already have a product in our range that will do the job, we will develop a solution that fits the brief.

Triple E is approached on a regular basis to produce customized solutions and to consult on new projects and applications. We always work to the highest possible standards and with our understanding of both the entertainment and engineering industries believe there is no challenge we can't meet.

The examples on these pages show a selection of special builds and situations where we have used or adapted our standard products to fit a particularly awkward or special brief.

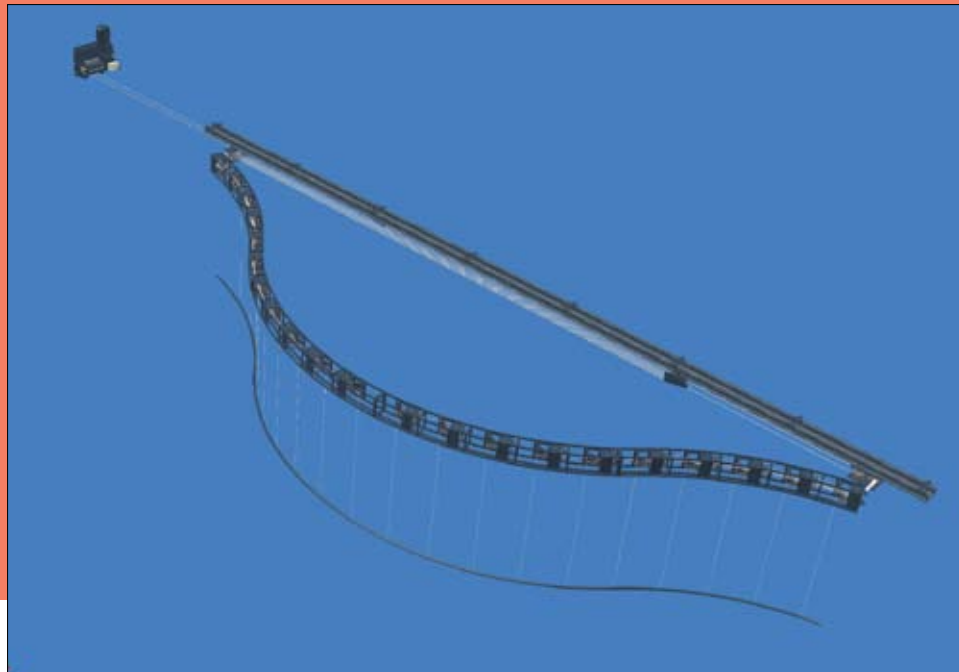
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We can provide a full quotation and specification.

Austrian Beam

This custom designed mechanism translates horizontal movement of track carriers into vertical movement of the curtain. This set of Tabs on a cruise ship stage utilizes a straight UNIBEAM track, powered by a conventional motor. Diverted lines attached to the tabs via pulleys on a curved truss, are fixed to clew plates on the track carriers. Drawing the track carriers shortens the wires attached to the clew plates, thereby raising and lowering the curtains.



track in a box



Triple E Unitrack is the premier system for touring, designed to be the best for the demands of temporary track installations. It is exceptionally quiet with precision engineered parts and robust construction. Whether you need 22' or 50' of track, a standard comprehensive inventory will assemble a straight track system capable of carrying either curtains or scenery with suspension fitting for a variety of hanging options. All the necessary carriers, (regular and scenery), fittings, ropes, suspension and attachment pieces are included. All parts neatly packed into a road box with casters for easy load in and load out. Assembling Triple E track is quick, painless and proven.

Please go to RoseBrand.com for a full component list of TRACK IN A BOX.

- Contains 50 linear feet of track
- Road Box Dimensions: 20" W x 46" L x 26" D
- Shipping Weight: 370lbs



solutions
compact
portable