

Hall Stage

PURVEYORS OF INNOVATIVE ENGINEERING SINCE 1898

T60 TRACK



THE ORIGINAL T60
CURTAIN TRACK
FROM HALL STAGE



With thousands of miles of operational systems installed all over the world, T60 Track is a standard-setting product range with a proven record.



Delivering great value, with reliable and dependable performance every time, T60 track is designed to meet the exact requirements of any stage.



Built with the entertainment industry in mind, T60 can be supplied from stock or custom-made to fit your stage...wherever it is.

Hall Stage Ltd, Unit 4 Cosgrove Way
Luton, Bedfordshire, LU1 1XL
sales@hallstage.com

Tel: + 44 (0)1582 439440
Fax: + 44 (0)1582 720904
UK Low Rate Call: 0845 345 4255

www.hallstage.com

T60 TRACK

APPLICATION

Medium duty track used in a wide range of stage and studio applications.

CAPACITY

- Wheeled runners 4kg capacity, one runner per 300mm of curtain length recommended.
- Optional ball raced runners 6kg capacity.
- All T60 track systems and components have been load and destruction tested and function perfectly with a 50kg-imposed load, with only 2mm distortion over a 1.5m unsupported span.

TRACK FORMS/CONFIGURATIONS

- Wide range of configurations:
- Straight Lengths 250mm - 3000mm
- Curved: sections from 0.5m radius.

FINISH

Black epoxy powder coat finish minimizing reflection. Other colours and finishes available on request.



T60 Switch Point

Please refer to the current price list or track pricer for COMPLETE TRACK KITS and all available components.

Full specifications of the T60 track range and other fine stage and theatre products may be obtained from our web site as downloadable product data sheets

For more information visit: www.hallstage.com or enquire via e-mail: sales@hallstage.com

In line with a programme of continued product development and improvement. Hall Stage Limited reserve the right to vary the specification, design or construction of any products/equipment described or offered for sale, or to withdraw or replace products/equipment without prior notification or public announcement.

OPERATION

Walk along, hand line, hand winch or with dynaglide curtain controller. Rearfold system options for hand or electric traverse systems.

FIXING OPTIONS

A wide range of fixing kits are available to support track from suitable structures. One fixing every 1.5mtrs is recommended. The descriptions below are for standard fixing options. For further alternatives please contact us with your requirements.

- Universal clamp, used to support track from wooden joist, provides track attachment to other fixings via M10 stud.
- Face Fixing Bracket to fix track to adjacent wall or proscenium opening.
- Girder Fixing Clip to suspend track from steel girder widths between 75mm and 150mm.
- Tube Fixing Clip to suspend track from horizontal pipe of 38mm, 48mm or 60mm diameter.
- Deadline Suspension Hanger to suspend track directly from a suitable support via 4mm cable.
- Barrel Fixing Clip to suspend single track lengths directly below and parallel to barrel with 38mm, 48mm or 60mm diameter.
- "Z" Brackets to suspend overlapped tracks directly below and parallel to barrel with 38mm, 48mm or 60mm diameter.

ADVANCED FEATURES

The T60 Track can be custom built to suit your specific requirements.

- Scenery Carriers can be used to move significant loads on all Hall Stage tracking systems.
- Swivel Arm Carriers can be used to move and swivel curtain legs.
- Beam Track. T60 Track can be strengthened and flown with a motor unit by adding a beam to the spine.
- Switch Points are used to transfer curtains between tracks and are available in manual (remote or local control) or electric operation in a variety of track configurations.
- Diversions: All operating systems can be diverted using pulley systems to allow the control of your track to be positioned as required.

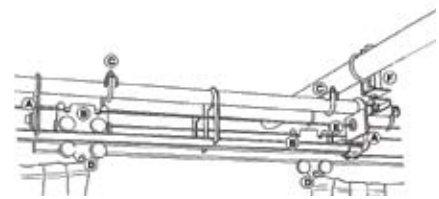


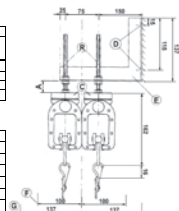
Figure 1 Key

A	Line Guides	G1193
B	Wheeled Runner/ Slider master straight track	G3750
C	Overlap Clips	G3291
D	Tubepole	G3278
E	Stop Brackets	G2751
F	Tube Fixing Clip 48mm	G3136

Figure 2 Key

A	Clearance of adjustment between 18mm - 100mm
B	Stud Bolts 10mm dia in 150mm and 300mm lengths
C	Universal Fitting
D	10mm dia bolt holes
E	Face Fixing Bracket, 150mm reach (inner track)
F	Recommended clearance for track
G	Recommended clearance for curtains

All dimensions in mm



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T70 TRACK



HEAVY DUTY T70 TRACK

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T70 Track is the heavy-duty system of choice for all long drape sets for stages and studios worldwide.

With a solid reputation for reliability and dependability, T70 provides high load capacity making it the ideal track for heavyweight curtains, cycloramas and installations with extreme spans.

For single or overlapped operation, straight and curved sections enable the construction of a vast variety of configurations - with fixing kits to suit any application.



Hall Stage

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T70 TRACK

APPLICATION

Heavy duty track used in a wide range of applications including theatres, opera houses, proscenium tracks, cyclorama tracks, TV studios and schools. Tracks can also be used for hanging on counterweight sets and powered bars.

CAPACITY

- Wheeled runners 7kg capacity, one runner per 300mm of curtain length recommended
- Optional ball raced runners 9kg capacity
- Scenery carriers to 45kg capacity

TRACK FORMS/CONFIGURATIONS

- Vast range of configurations
- Straight Lengths 500mm – 3000mm
- Curved sections available from 1mtr radius

FINISH

Black epoxy powder coat finish minimizing reflection. Other colours and finishes available on request



T70 Drop Out

Please refer to the current price list or track pricer for COMPLETE TRACK KITS and all available components.

Full specifications of the T70 track range and other fine stage and theatre products may be obtained from our web site as downloadable product sheets.

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OPERATION

Walk along, hand line, hand winch or with a dynaglide curtain controller. Rearfold system options for hand or electric traverse systems.

FIXING OPTIONS

A wide range of fixing kits are available to support track from suitable structures. One fixing every 2mtrs is recommended. The descriptions below are for standard fixing options. For further alternatives please contact us with your requirements.

- Universal clamp, used to support track from wooden joist, provides track attachment to other fixings via M12 stud
- Face Fixing Bracket to fix track to adjacent wall or proscenium opening.
- Girder Fixing Clip to suspend track from steel girder widths between 75mm and 150mm.
- Tube Fixing Clip to suspend track from horizontal pipe of 38mm, 48mm or 60mm diameter.
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ADVANCED FEATURES

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- Beam Track. T70 Track can be strengthened and flown with a motor unit by adding a beam to the spine.
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- Diversions: All operating systems can be diverted using pulley systems to allow the control of your track to be positioned as required.

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T250/T300



**T300 ELECTRIC
CURTAIN TRACK
SYSTEM**

**T250 WALK ALONG
AND HAND LINE
CURTAIN TRACK
SYSTEM**

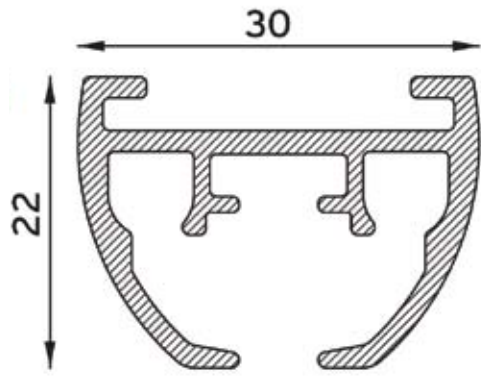


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T250TRACK



Hall Stage T250 Track is a walk along or hand line operated curtain system suitable for light or medium weight curtains. Designed for mid-sized applications, T250 can be curved and bent to a minimum radius of 250mm. The elegant rounded profile remains unobtrusive when installed with its proprietary fixing clamps. Control side and cord drops can be altered on site with relative ease making the T250 elegant and uniquely versatile.

MATERIALS

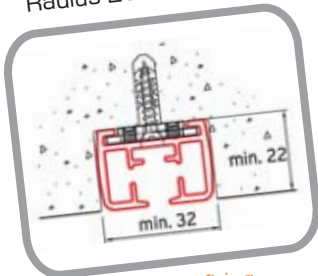
Aluminium 606035-T6-F22 (higher specification than DIN 1725). Shape and size tolerances are in accordance with DIN 17615. White RAL 9010 as standard. Profile weight T300 567 gr per linear metre and T250 492 gr per linear metre.

INSTALLATION

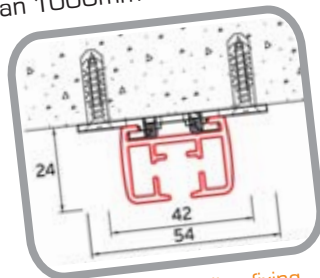
1. Standard ceiling fixing bracket 6050, fixing centres required every 600mm - 800mm. Maximum total curtain weight with standard ceiling brackets: 25kg.
2. Heavy duty ceiling fix bracket 6055-1000 should be used for heavier curtains up to 100kg and for special curves. Fixing centres required every 600mm - 800mm.
3. Standard wall fixing bracket 6051 (projection of 40mm)
4. Extendable wall fixing bracket 6057 (projection of 70mm - 150mm). Weight per bracket of up to maximum 10kg, depending on fixing surface.

BENDING

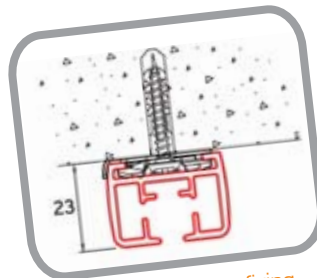
Radius 250mm or greater than 1000mm.



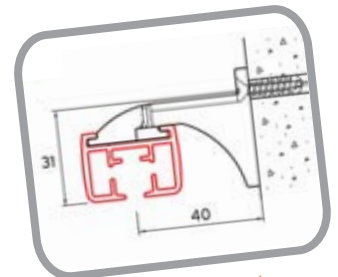
Recessed fixing



Heavy duty ceiling fixing



Standard ceiling fixing



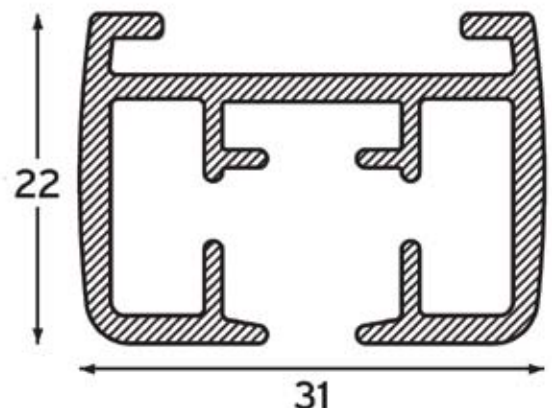
Standard wall fixing

T300 is a powerful low voltage (24V) electrically operated curtain track system. Supplied tested and assembled and completely ready to install with infrared remote control as standard. The track is suitable for both 110 and 240 Volt supply, T300 can be installed without the need of an electrician. T300 track can also be supplied curved to meet any configuration you may require.

SPECIAL QUALITIES

- Silent operation
- Strong Motor with low system resistance
- Easy control and setting of the system using infrared remote control
- In-built repeat timer function
- Up to 5 intermediate positions programmable
- Standard travel speed set at 150mm / second
- Integrated T300 'CAN-BUS' system, allows group / individual control of T300 electric curtain tracks
- Optional Pilot Release System, allows curtains to be operated by hand in the event of emergency, power failure and/or product unfamiliarity

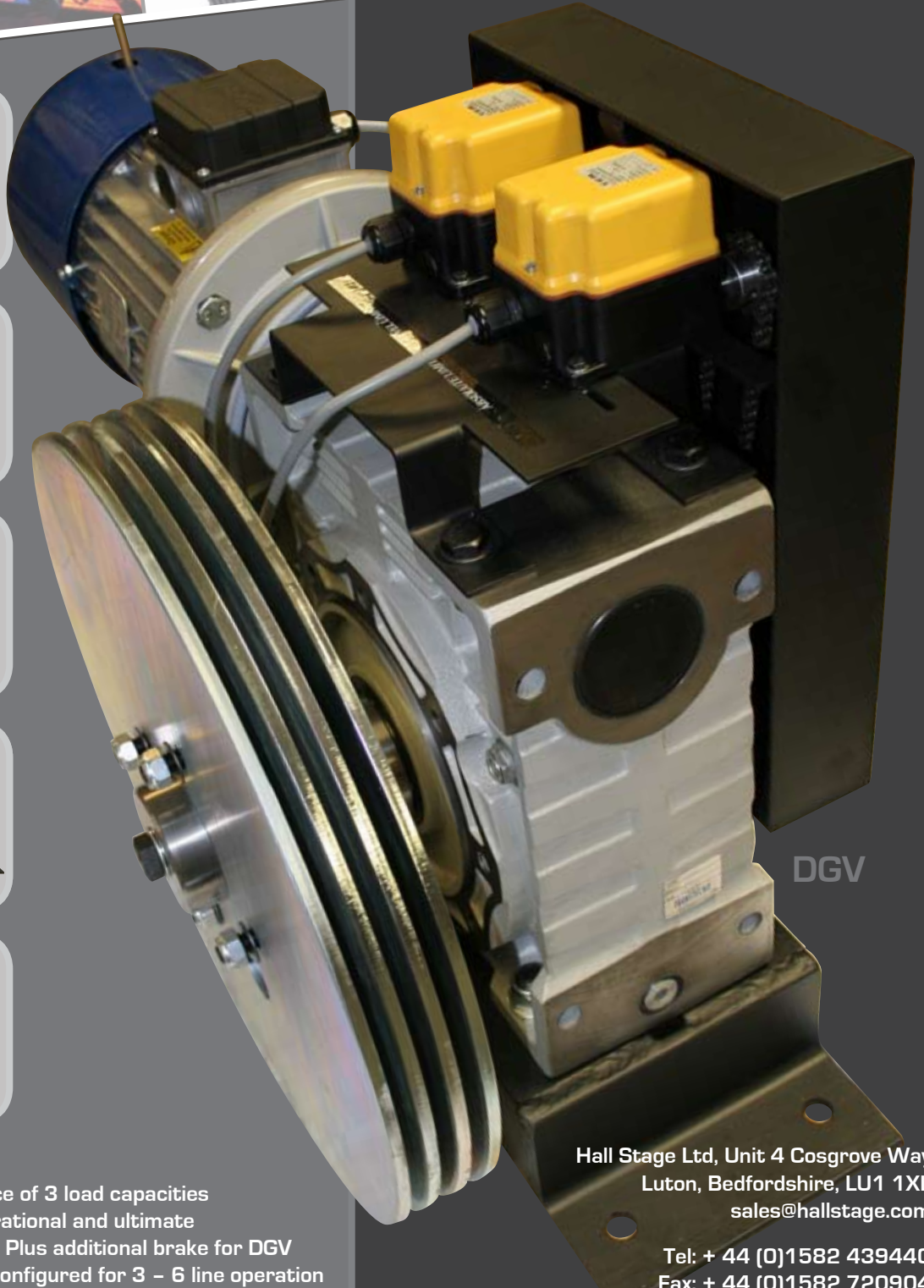
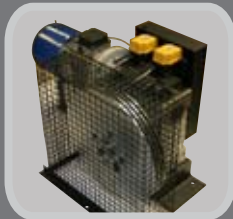
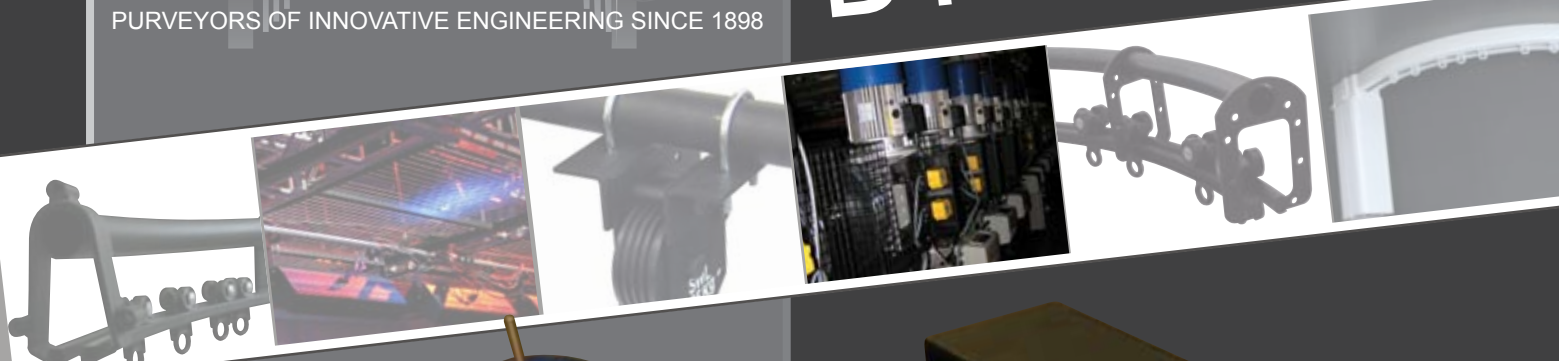
T300TRACK



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DYNAGLIDE



DGV

- MULTI LOAD** – Choice of 3 load capacities
- DUAL LIMITS** – Operational and ultimate
- SELF SUSTAINING** – Plus additional brake for DGV
- FLEXIBLE** – Can be configured for 3 – 6 line operation
- SAFE** – CE/BS compliant / BS7905 version available
- MINIMAL MAINTENANCE** – All bearings are sealed and self-lubricating

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DGH

DGH

A single line winding controller for curtain and screen applications. Ideal for theatres, TV and film studios, schools, clubs, multi-purpose venues, museums and churches.

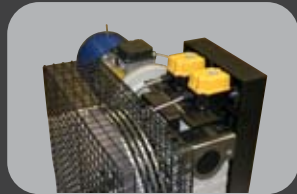
DGM

A hand operated winch with a unique power drill operating facility. It allows powered operation where no supply exists and is fully upgradeable. Ideal for theatres, TV and film studios, schools, clubs, multi-purpose venues and museums.

DGV

A versatile and compact powered pile wind hoist providing an economical multi line suspension unit with a wide range of upgradeable load capacity formats. Ideal for theatres, TV and film studios, schools, clubs, multi-purpose venues, discotheques, museums and churches.

DYNA GLIDE



DGV

Electric 230/400v 3 phase

1.5 - 2.2

Single

Local and remote

Wall or Floor

250kg - 1000kg

Oil filled

Steel Core

4mm - 10mm

Max. 12mtrs

Operational and ultimate

60:1

3 to 6

All steel work powder coated

3 year / return to base

2 year / parts only

1 year / parts and labour

DGM

Manual - Hand or Power Drill

N/A

N/A

N/A

Wall

250kg - 500kg

Oil filled

Steel Core

4mm - 8mm

Max. 12mtrs

N/A

60:1

3 to 6

All steel work powder coated

3 year / return to base

2 year / parts only

1 year / parts and labour

DGH

Electric 230v Single Phase

0.37

Single 0.5m/sec

Variable 0.05 - 0.5m/sec

Local and remote

Wall or Floor

400kg curtain weight

Oil filled

Steel Wire

3mm - 4mm

10

Operational and remote

20:1 or 25:1

N/A

All steel work powder coated

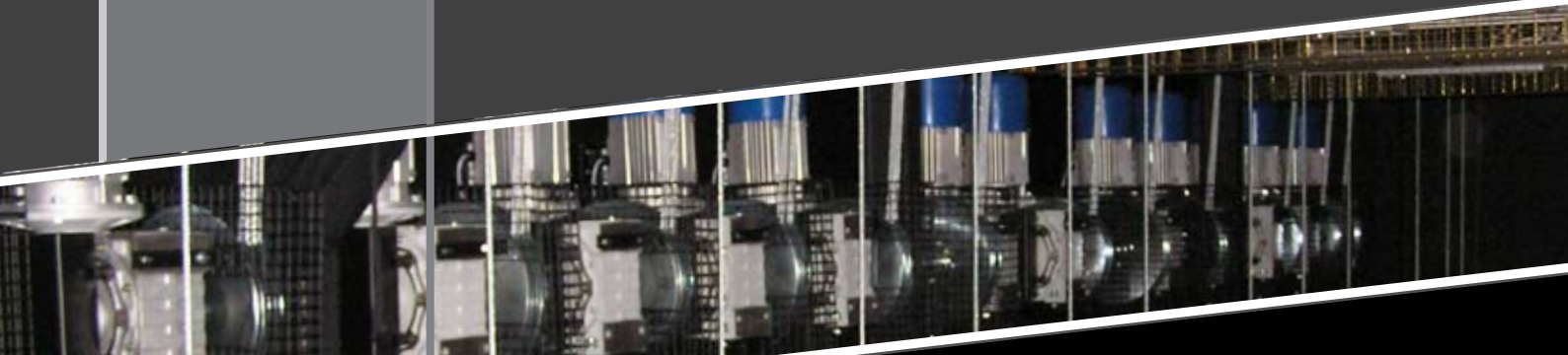
3 year / return to base

2 year / parts only

1 year / parts and labour

Operation
Motor Kwatts
Speed

Control
Mounting
Capacity Kg
Gearbox
Rope Type
Rope Diameter
Travel
Limits
Gear Ratio
Number of Cables
Finish
Warranty



SkyDeck

Accessories



Locking Clamp



Pad Eye Clamp



Cross Clamp

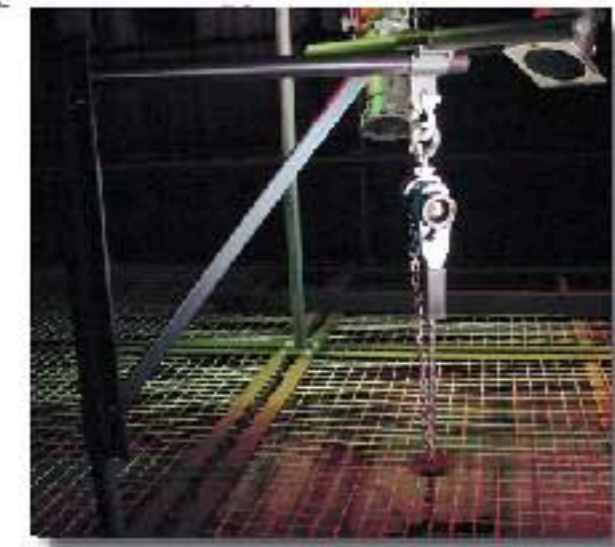
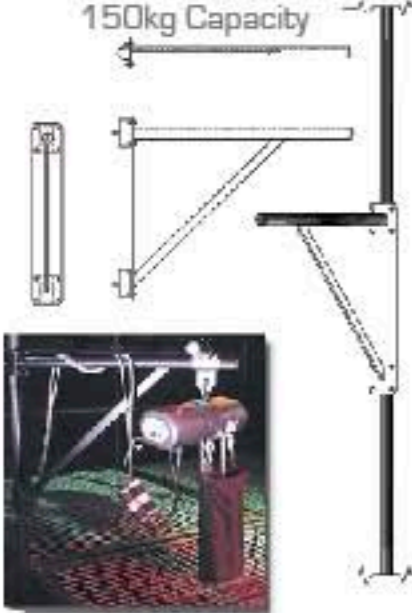


Grid Store 'n' More

150kg Capacity



Out Rigger and Side Arm
150kg Capacity



Grid Plug
Protective Sleeve



Point Hoist and Winches



Lighting Cross Bar Assembly

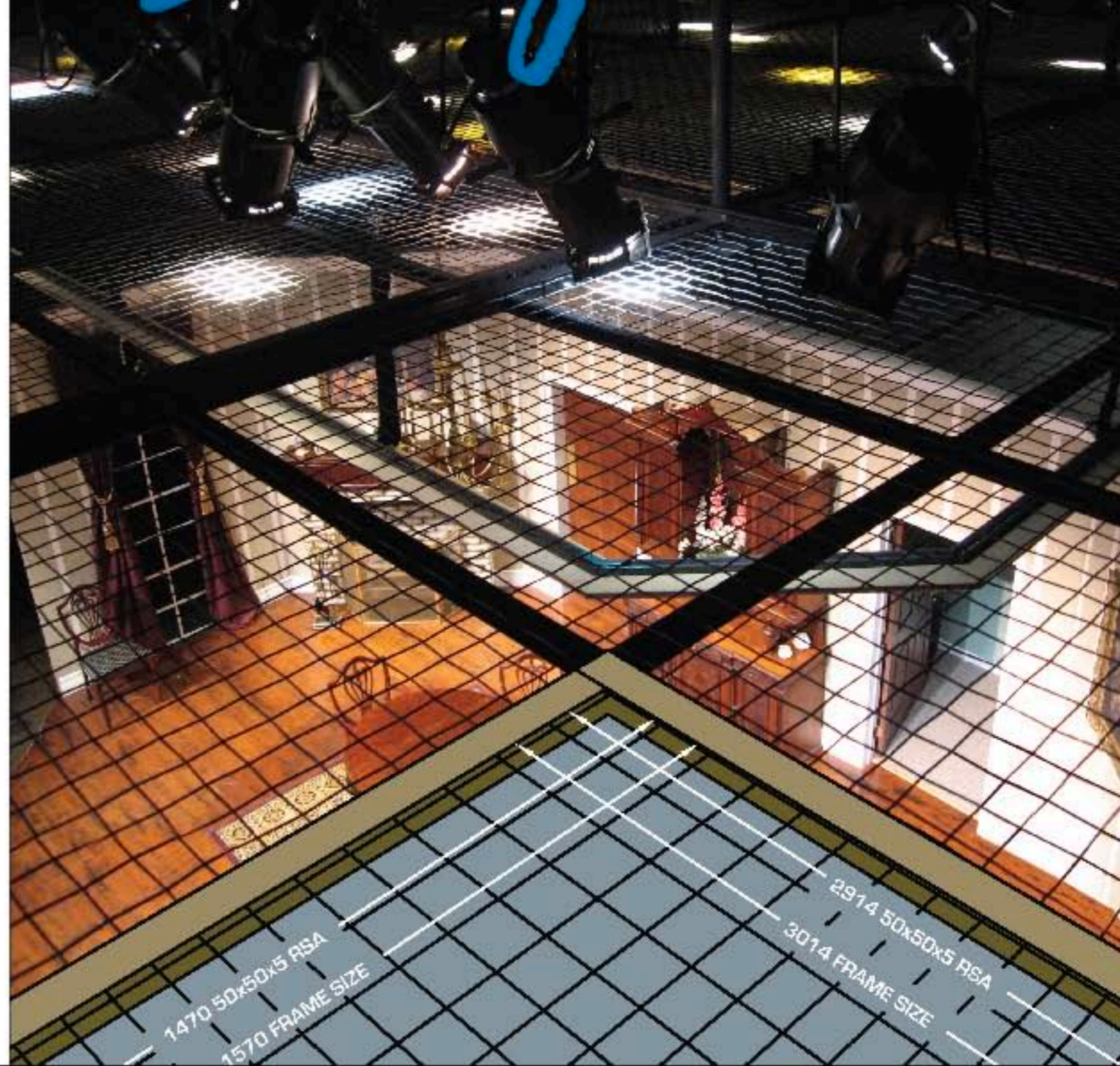
Sky Hole
Hinged Access Panels

Sky Hooks
Hand Rails

Sky Roll
Roll Drop Mechanism

SkyDeck

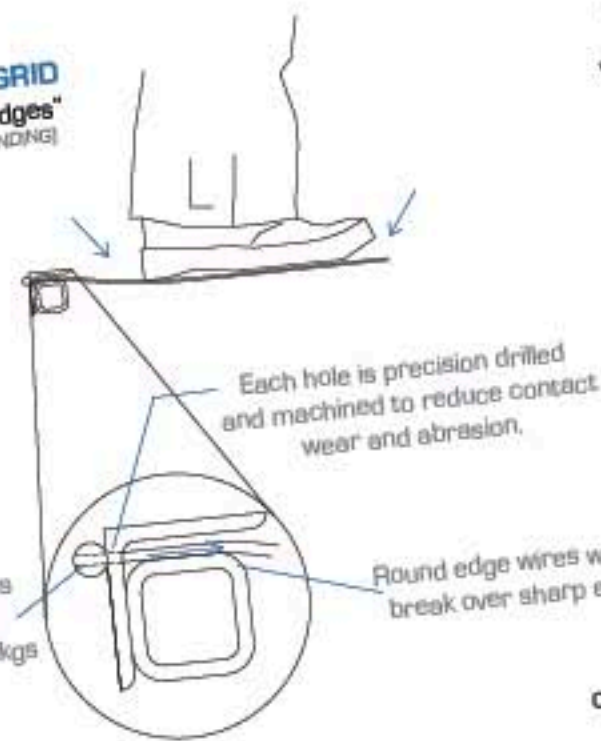
Tensioned Wire Grid Flooring System



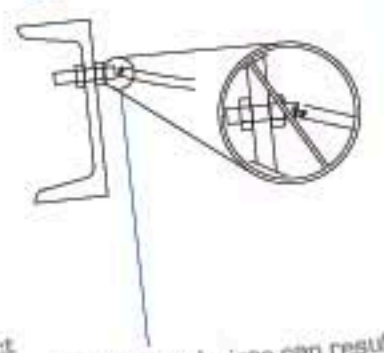
1470 50x50x5 RSA
1570 FRAME SIZE

2914 50x50x5 RSA
3014 FRAME SIZE

SkyDeck
TENSION GRID
"No sharp edges"
(US PATENT PENDING)



OTHER TENSION GRID



Skydecks' unique assembly design prevents wear on wire ropes, which are terminated in carefully monitored factory conditions - not on site.

Pull on wire is practically horizontal when pressure is applied

The Product Range

- All components designed for UK & EU standards and dimensions
- Ancillary fittings available from existing catalogue
- Does not impede smoke detection or sprinkler systems
- Replaces ladders & tallscopes on stage and above auditorium
- Finished to fit Hall Stage tracks, winches and other products as required.
- No raised edges or barriers across floor area
- Each cable individually & separately terminated - no running cables or 90° bends
- All point loadings tested & certified prior to shipping
- No on-site tensioning required. Everything is pre-fabricated under factory conditions.
- Custom shapes and sizes to order
- 5-year guarantee on all normal usage components & installations including Disney Corp, UCLA and New York Opera
- Touring version available, fitting to truss sections & configurations
- Varying cell sizes and cable dimensions are available as required
- Installs in hours - 100m² in two days for a crew of 4
- Removable sections for technical access

The Package

- Modular design delivers huge time savings on installation
- System components can be installed by Project Main Contractors or Site Steelworkers
- Plans, drawings and calculations can be included in package price
- Installation services available from Hall Stage approved, trained & certified crews
- Hall Stage warranty, service & maintenance support
- Replacement or additional panels available from stock
- Worn or damaged cables can be replaced quickly & easily in situ

SkyDeck
Tensioned Wire Grid Flooring System

If a wire rope breaks, it is likely to do so at the connection point - like this. Skydeck wires are always supported and only run in a single direction.

Extensive testing - 2250Kg on a 2m x 2m panel. 5.2Kn tests carried out on 50% of all cable used in factory-condition assembly process.

Installation is remarkably quick.... a crew of 4 puts in 100m² in just two days.

Skydeck can be built into moving or static truss configurations for harness-free rigging & focusing

Wide span Skydeck2 system for higher loading requirements.

Skydecks' unique design delivers flat & even surface for all users, including those in wheelchairs

The perfect solution for accessing difficult lighting positions, such as above stage box sets.



New design for any application • Universal mounting options

**Hall
Stage**
products

DYNALINE Pulleys

from Hall Stage

A new range of general purpose pulleys, providing all of the original Hall stage benefits and qualities, greatly improved design, with easier ordering and specification process.

- Simplified planning and installation options
- Easier mounting options - any configuration with any fixing
- All units assembled to order - delivered from stock
- Safe Working Loads up to 500Kg
- Three diameters; 100mm, 150mm, 200mm
- Steel wire rope profiles for 4mm or 6mm cable
- Hemp profiles for 12mm, 18mm and 24mm
- Up to 5 cable retaining spacers
- All units have fully shielded precision ball bearing sets
- Sheaves made from lubricated nylon

Simply select the number of sheaves required for the load and add the mounting options from the selection shown



Any bracket or mounting made to your specification

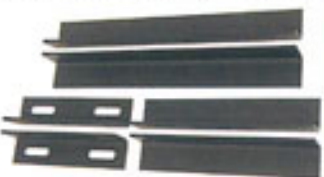


Photo: PCM www.askpot.com



Hall Stage - British Theatre Engineering since 1898

Tel: 0845 345 4255 Fax: 0845 345 4256 e: sales@hallstage.com

Unit 4 Cosgrove Way Luton Beds LU1 1XL UK

www.hallstage.com

Application

Highly versatile block pulleys to suit a range of applications in theatres, stage installations, TV & film studios, halls, clubs and schools.

Description

Steel frame block pulley system for theatre and general rigging purposes, available with a wide selection of fixings from stock.

Finish

Powder coated matt black.

Capacity

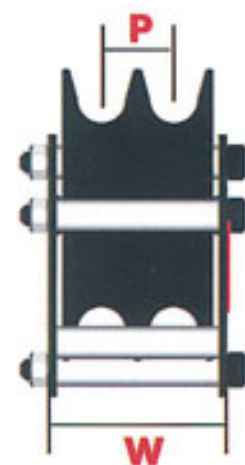
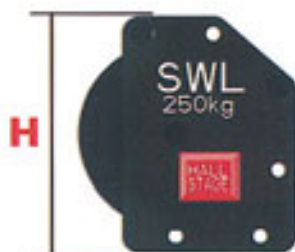
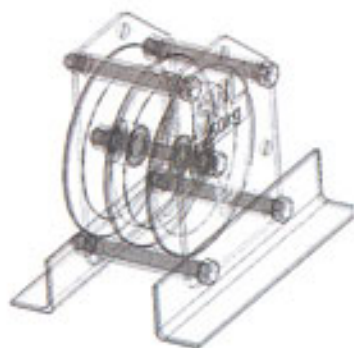
Capacities ranging from 125kg to in excess of 500kg. See table below or contact our sales team for details.

Fixings

A comprehensive range of standard fixings that can be adjusted by Hall Stage to meet your specification.

Components

Oil-impregnated nylon pulley sheave with 5mm mild steel plates, sealed precision ball-raced bearings, spacers & high tensile shaft & bolts.

**Pulley Dimensions**

Diameter	Dim	Cable						Rope						
		1 Way	2 Way	3 Way	4 Way	5 Way	6 Way	1 Way	2 Way	3 Way	4 Way	5 Way	6 Way	
100	H	150	150	150	150	150	150	150	150	150	150	150	150	150
	W	36	36	42	54	66	66	36	56	76	96	116	136	
	P	8	8	8	8	8	8	20	20	20	20	20	20	
	Groove	4	4	4	4	4	4	12	12	12	12	12	12	
	SWL	125	125	125	125	125	125	125	125	125	125	125	125	
150	H	200	200	200	200	200	200	200	200	200	200	200	200	
	W	36	42	54	66	78	90	54	78	108	138	168	198	
	P	12	12	12	12	12	12	30	30	30	30	30	30	
	Groove	6	6	6	6	6	6	18	18	18	18	18	18	
	SWL	250	250	250	250	250	250	250	250	250	250	250	250	
200	H	250	250	250	250	250	250	250	250	250	250	250	250	
	W	38	44	56	68	80	92	68	96	134.5	173	211.5	250	
	P	12	12	12	12	12	12	38.5	38.5	38.5	38.5	38.5	38.5	
	Groove	6	6	6	6	6	6	24	24	24	24	24	24	
	SWL	250	250	250	500	500	500	250	250	250	500	500	500	

Full specifications of the Dynaline Pulley range, and other fine stage, theatre and cinema products may be obtained from our web site as downloadable Product Data Sheets.

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Holdon™ makes it easy in double quick time!



Holdon™

from Hall Stage

Holdon™ grips virtually any flexible material that fits into its jaws...canvas, polythene, cotton, pvc and light polyesters...cutting out the laborious process of fitting traditional eyelets and often eliminates the need for hemming. Hang back drops, scenery, cycloramas, screens on stage...banners and promotional material...segregate and divide areas for access, maintenance or privacy...costumes, quick change rooms...and much more. Holdon™ is totally reusable and relocatable...and it doesn't puncture or damage fabric.

MINI -
for general applications.

MIDI -
for medium duty applications.

MAXI -
for heavy duty applications.



Holdon™ from Hall Stage is the alternative for eyelets. It's such a convenient and versatile system that you will soon find many new ways of using them. Available in white or black, they are easy to use - apply in seconds, simply push fit, no tools required - and they are completely reusable. They grip any thin, flexible material tighter than you ever thought possible. The more you pull it...the tighter it holds.

Your Stage...

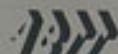
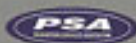
See Holdon™...and the thousands of other Hall Stage products at your
Theatre Equipment supplier now...or visit

www.hallstage.com

e-mail: sales@hallstage.com



Our world



Application

Hanging and fixing any flexible material without the need for traditional eyelets.

Description

Lightweight and secure push fit fixing system.

Construction

Glass fibre reinforced Nylon 6.

Temperature range

Minus 30°C to +100°C. Melting temperature +220°C.

Weight

Mini: 12.5g ; Midi - 20g; Maxi; 35g

Finish

Off white. GRP/Nylon polymer mix. Black also available.

Capacity

Median loading capacity:

Mini - 70kg; Midi - 100kg ; Maxi - 110kg

Maximum thickness of fabric:

Mini - 2mm; Midi - 6mm; Maxi - 3mm

Operation

Any application requiring permanent or temporary fixing/hanging of almost any flexible material.

Fixing

Push fit, no tools required.

Totally reusable and relocatable.

Packing

(Qty per pack) Mini - 20; Midi - 10; Maxi - 10

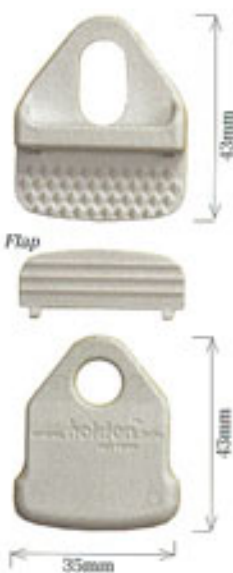
Loading Capacity

The median loading capacity is determined by application of a series of separate loadings to a Holdon™ eyelet installed on a 680/700 gms/sq.mtr. vinyl fabric. It represents an approximate safe working load that can be applied to the Holdon™, and in general terms determines the load bearing capacity of the bridge within the sleeve component.

The median loading capacity does not in any way represent the efficiency or holding power of the Holdon™ - these elements of performance are also determined by both the correct application and by the physical characteristics of fabric/substrate/media onto which the Holdon™ is being applied.

The manufacturer, Hall Stage and/or its agents make no claims as to the holding power or suitability of the products on the application on which they are being used and that the use of the product is the sole responsibility of the user(s).

HOLDON™ MINI



The 'flap' for the Mini is only required when applying it to very light weight / hard substrates such as polyester. The flap increases the frictional area and the efficiency of the grip. The use of the flap is at the discretion of the user.
Overall size when assembled:
40 x 35 x 10mm

HOLDON™ MIDI

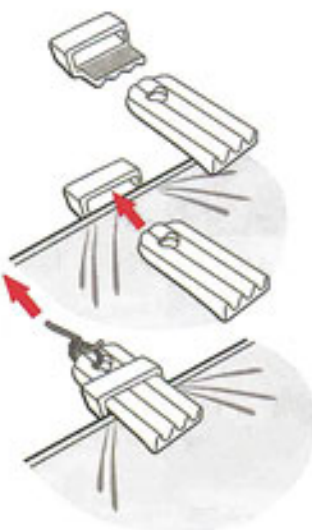


The Midi is a lower cost alternative to the Maxi and comes ready assembled with a quick release mechanism.
Overall size when closed:
70 x 40 x 18.5mm

HOLDON™ MAXI



The Maxi, accommodating median loads to 110kg, will satisfy almost all suspension requirements. Overall size when assembled:
75 x 38 x 18mm



SIMPLE PUSH FIT

Illustrated alongside, the Maxi for heavy duty applications. The Mini (below) and the ready assembled Midi is applied similarly.



Full specifications of the Holdon™ range and other fine stage and theatre products may be obtained from our web site as downloadable Product Data Sheets.

For more information visit www.hallstage.com or enquire via e-mail: sales@hallstage.com

In line with a programme of continued product development and improvement, Hall Stage Limited reserve the right to vary the specification, design or construction of any products/equipment described or offered for sale, or to withdraw or replace products/equipment without prior notification or public announcement.

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