ShowTex User Manual
ShowPipe
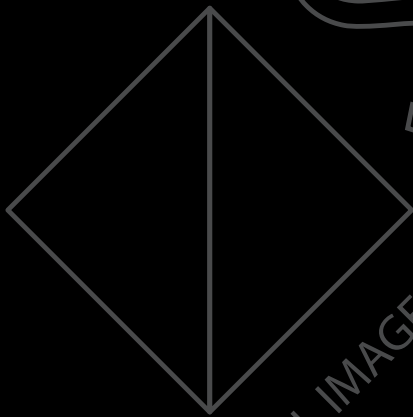
ShowTex

AMAZING STAGE FABRICS IN MOTION

Content

Introduction

· ShowPipe is a sturdier aluminum version of the H100 track system and shares the same characteristics.

· This track system for medium-heavy to heavy curtains is easy to assemble and can be quickly installed.

· ShowPipe slides into our 50mm aluminum tube and thus can be integrated seamlessly into our EasyDrape system, wherever curtain movement is wanted.

· ShowPipe can be DMX controlled.
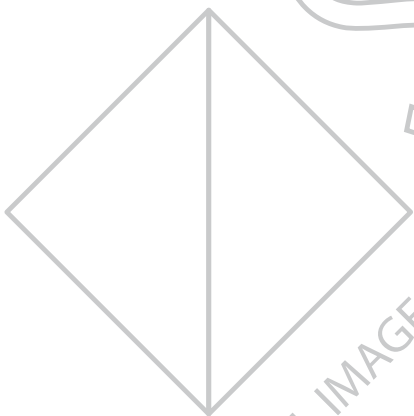
Safety instructions

- Read this user manual carefully. In order to prevent potential damage to equipment and/or injury to personnel these instructions must be understood and followed.

- Units may only be used to move or lift curtain.

- The system must be installed and activated by qualified technicians with knowledge of its capabilities and limitations.

- Ensure the capacity of your suspension points corresponds to the weight of the track and items to be suspended from the tracks. The amount of the suspension points depends on the weight of the curtain. The maximum distance between each suspension point should be 1,5m. Allow for extra points in the curtain storage area to support the extra weight of the curtain when gathered together.

- Remember that the curtain machinery continues to operate as long as electricity flows. If a problem occurs, anything in its path can cause damage to the moving curtain until the lead carrier reaches the limit switch or the machine is shut down.

- Only combine with parts and accessories from the ShowTex curtain track range.
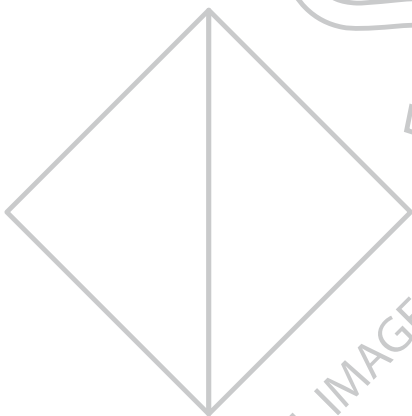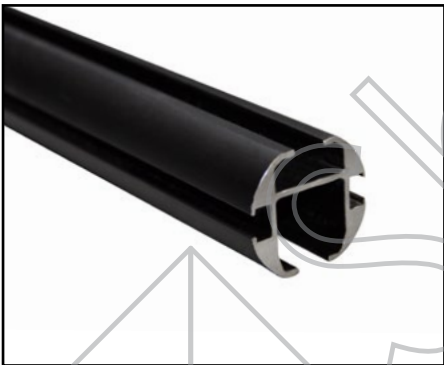
Component Parts

The ShowPipe Railsystem consists of the following parts:

Het ShowPipe Railsysteem

Track

Curved Track 90°

Joiner Set

Half Coupler Clamp 75kg
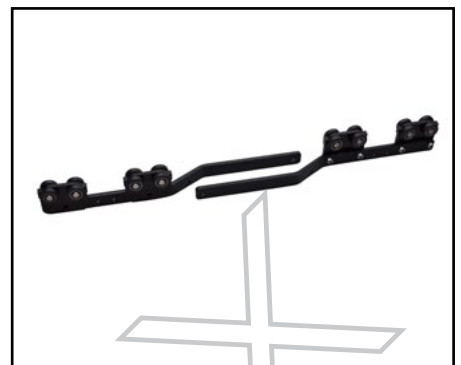

Endstop

Ball Raced Runner

Component Parts

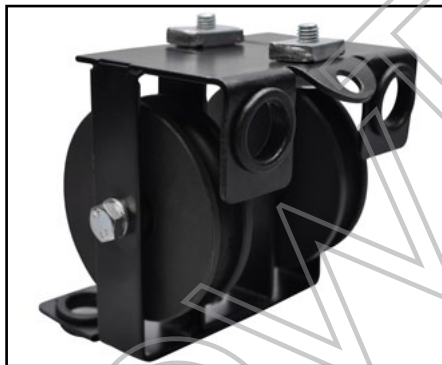Ball Raced Master Carrier

Scenery Carrier

Overlap Carrier Set

Double Braided Rope

Head Pulley

Return Pulley

Weighted Return Pulley

Floor Fixed Return Pulley

Cable Clamp

Master Carrier with brake

Short Overlap Carrier Set

Limit Switch runner

Component Parts

Name	Art.nr.	Colour	Weight	Information
Track	8055 0001 6007	GAL	1.31 kg/meter	Length: 600 cm
Curved Track 90°	8055 0007 0757 8055 0007 1007	■	1,54 kg/piece 2,06 kg/piece	Radius: 75 cm Radius: 100 cm
Joiner Set	8055 0042 1507	■	0,11 kg/set	2 pieces
Half Coupler Clamp 75kg	8700 0680 0757	■	0,40 kg/piece	Fit tubes with diameter 48/51 mm 75 kg capacity
EndStop	8050 0050 0002	GAL	0,03 kg/piece	
Ball Raced Runner	8050 0205 0083 8050 0205 0087	☐ ■	0,03 kg/piece 0,03 kg/piece	with swivel hook 8 kg capacity with swivel hook 8 kg capacity
Ball Raced Master Carrier	8050 0221 0163 8050 0221 0167	☐ ■	0,05 kg/piece 0,05 kg/piece	15 kg capacity 15 kg capacity
Scenery Carrier	8050 0230 0302	GAL	0,11 kg/piece	30 kg capacity
Overlap Carrier Set	8050 0246 0167	■	0,82 kg/set	2 pieces
Double Braided Rope	7530 0308 0007	■	0,04 kg/meter	ø: 8 mm
Head Pulley	8050 0400 0037	■	0,50 kg/piece	
Return Pulley	8050 0410 0037	■	0,50 kg/piece	
Weighted Return Pulley	8050 0415 0057	■	5,50 kg/piece	
Floor Fixed Return Pulley	8050 0420 0007	■	3,38 kg/piece	
Bracket + M10 Studding	8055 9224 0101	GAL	0,03 kg/piece	
Cable clamp		GAL		
Electronic Switching	8050 0060 0007	■	9.77 kg/piece	Length: 140 cm Left switch
Master Carrier with brake	8050 0061 0007	■	9.77 kg/piece	Length: 140 cm Right switch
Switching Point Control	8050 0065 0000 8050 0066 0000 8050 0070 0000 8050 0073 0000	☐ ☐ ☐ ☐	0.95 kg/piece 0.10 kg/piece	Mono Duo Key contact Optical Sensor

Assembly

In order for the system to operate correctly the following steps should be taken:

1 Identify track formation

Identify the track formation to be installed:
1 Single track with overlap carrier set
2 Overlap track with overlap arms.

2 Determine amount of attachment points

Max 1,5 m
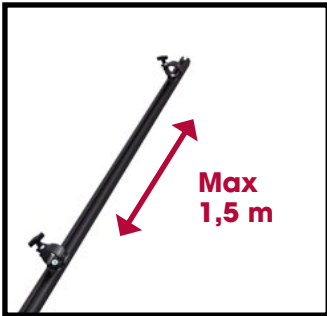
Determine the amount of attachment points depending on the weight of the curtain.

Attention: The maximum distance between each suspension point should be 1,5m. Allow for extra points in the curtain storage area to support the extra weight of the curtain when gathered together

3 Connect track lengths
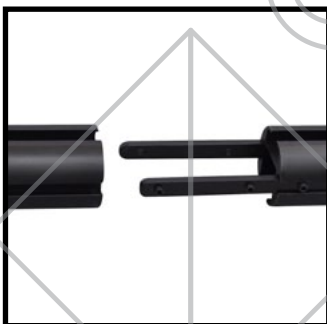
When necessary, connect and align the track lengths using the joiner Set

Attention: Be careful not to tighten the screws too tight or the track will be joined too closely, causing damage. Test before use, sliding the runners back and forth until the transition from one track piece to the next is unnoticeable.

Assembly

4 Secure the track

Secure the track to the installation surface.
Use the selected installation bracket. (see step **1**)

5 Identify motion control system

1

2

3

Indentify the motion control system to be used with the track:

1 Weighted return pulley

2 Floor mounted return pulley

3 Motor

For option **1** or **2** install head pulley.

6 Insert runners and overlap arms

Attention: Don't forget the overlap arms or the overlap carrier set in the case of a single track installation.

Insert the appropriate number of runners for the chosen curtain onto the track.

Assembly

7 Install return pulley

1 Install the return pulley at the end of the track.

2 If curtains will be moved without using an operating line, place an end stop to keep them in place.

8 Thread the operating line
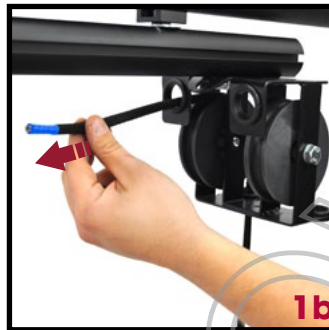
1a+b Pull the end of the operating line through the guide wheel.

2 Then pull the line over the return pulley.

9 Install motion control system
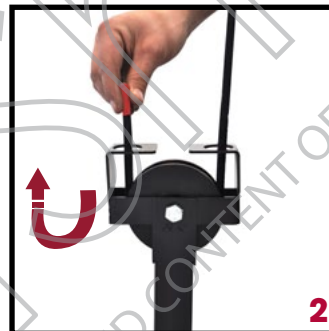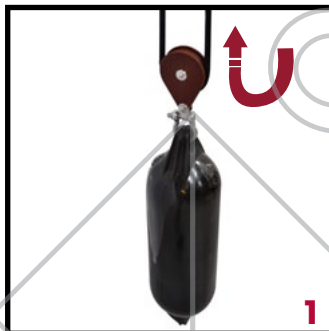
(option **1** and **2**) Then pull the other end of the operating line through the weighted return pulley or floor mounted return pulley.

Please refer to the respective user manual for detailed information about track motor installation (option **3**)

Assembly

10 Increase operating line tension

Pull the other end of the operating line through the guide wheel and make sure the two ends of the operating line come back together at the point of the overlap carrier set.

Increase the operating line tension to the appropriate level and secure the system on the first overlap carrier set.

11 Attach operating line to second overlap carrier

Position the overlap carriers in the middle of the track and attach the operating line to the second overlap carrier.

12 Install the curtain

The system is now ready to use. Hang the curtain on the runners and set the end position of the final runner by using an end stop. Fix the other end of the curtain by attaching to the overlap carrier. Repeat these steps with the second curtain to finish installation.

Care and Maintenance

- Periodic, regularly scheduled maintenance inspections are necessary for any mechanical system. A theatrical curtain track system is no different. It has components that must be regularly inspected, adjusted, maintained, and replaced. In order to keep your system safe and in good working order, a regular inspection and maintenance program must be implemented.

- The best way to maintain your theatrical curtain track system is by regular use. This will keep the grease properly distributed and allow the inspector to regularly check for unusual noise or drag in the system.

- Above average use or location of curtain track in places of high humidity, dust, extreme temperature changes, etc. may require shorter intervals.

- Disassembly must be carried out under the same conditions and following the same steps as assembly. Remove all curtains or hung items before removing tracks from their permanent location. Disconnect all parts before removing tracks. Never remove in one piece.
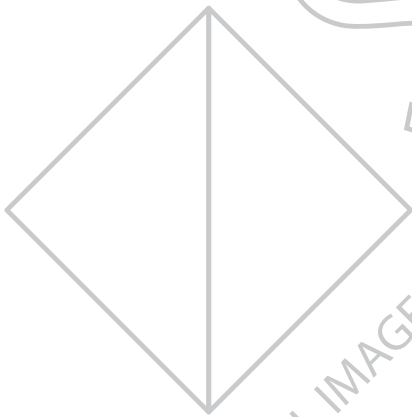
Trouble Shooting

What to do if the curtain stops moving smoothly:

·   Check for damage to the rail, if found, repair.
·   Check that all couplers are lined up without gaps, if not, line them up.
·   Joints should not be too loose or too tight otherwise curtain track will bow
·   Check for damage to runners, if found, replace damaged runners
·   If there is a switching point in your track, check that the parts are lined up correctly, if not, adjust
·   Check for debris on the track in the way of the runners, if found, remove carefully.
·   If your curtain slides out of the track, check if the end stop is missing or loose. Then tighten or replace.

For more technical assistance please contact your local ShowTex office.
(see back cover of manual)
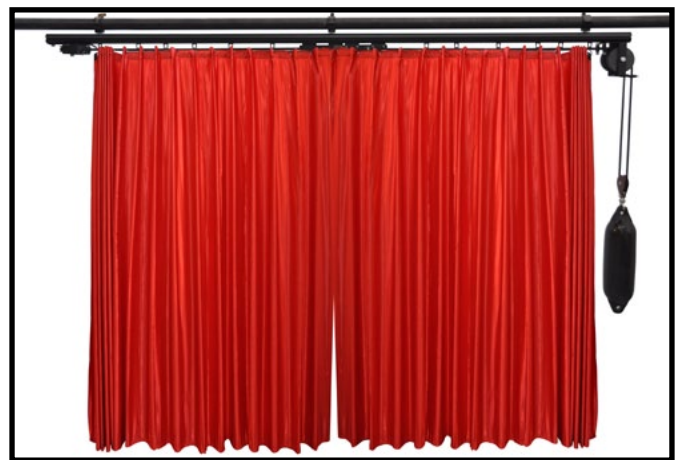
HAVE A GREAT SHOW!

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