

The double carriage interfaces the fixed rail with the movable rail.

Due to the design of the pivot point the movable rail can be slewed at an angle dependant upon its overall length. This can be very useful for lighting into corners etc.

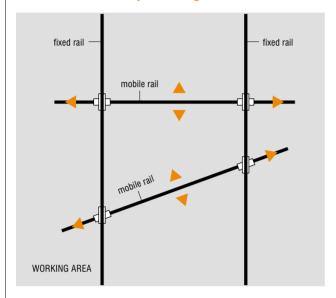
Double carriages are also available for rail to pipe applications where the use of 48mm pipe is preferred.

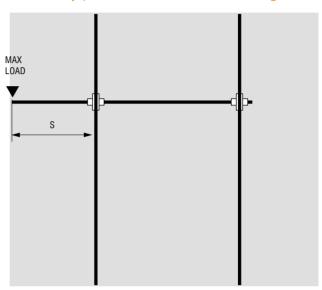
QUICK SELECTION GUIDE

PRODUCT	CODE	DESCRIPTION	APPLICATION	DATAS	PA	.GE
2	FF3235	Double carriage with brakes	3 60	0,580kg/1,278lb 0,0007m/0,0247ft	3 0,640kg/1,410lb	6.30
*	FF3700	Double carriage for rail 80	I *0	1,900kg/4,188lb 0,0045m/0,1590ft	1,970kg/4,343lb	6.40
8	FF3713	Double carriage for rail 80 to rail 60	± 80 ± 60	1,700kg/3,747lb	3 1,770kg/3,902lb	6.50
-	FF3706	Carriage for cross pipes	1 80 O	1,590kg/3,504lb	1,700kg/3,744lb	6.60
-	FF3715	Pipe carriage for cross pipes	0	□ 3,032kg/6,683lb	3,090kg/6,812lb	6.70

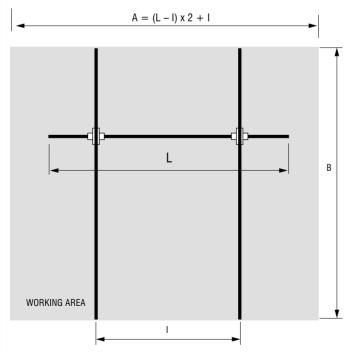
DOUBLE CARRIAGES

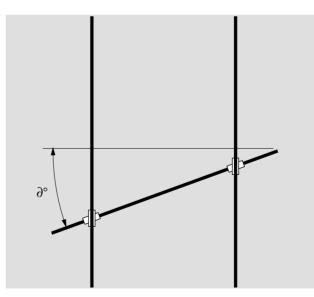
To increase the rail system performance, double carriages are available to attach mobile rails onto fixed rails. Double carriages allow the operator to move and tilt mobile rails in any direction. With this flexible system, lights and accessories can be easily positioned within the working area.





"S" depends on the rail type. Please refer to the technical data sheet on the rail chapter.





- ∂° on carriages with cup max 40°
- ∂° on carriages without cup it depends on the length of moving rail.



FF3235

Ŧ 60

Double carriage with brakes

material: steel

Double carriage with spring-loaded brake pads on each section.

finish: grey powder coating with orange peel finish RAL 7016

To release the brake pull down on wire with operating pole. Used to connect a mobile rail to a fixed rail.

weight: 0,580 kg 1,278 lb

volume: 0,0007 cu m 0,0247 cu ft

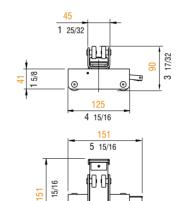


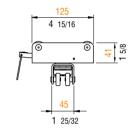
max. load: 100 kg 220 lb



weight: 0,640 kg 1,410 lb

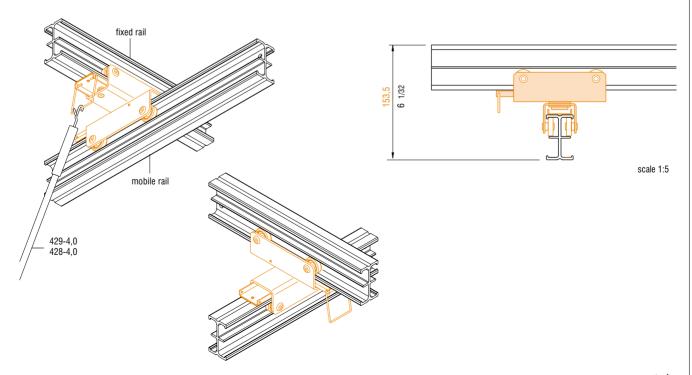






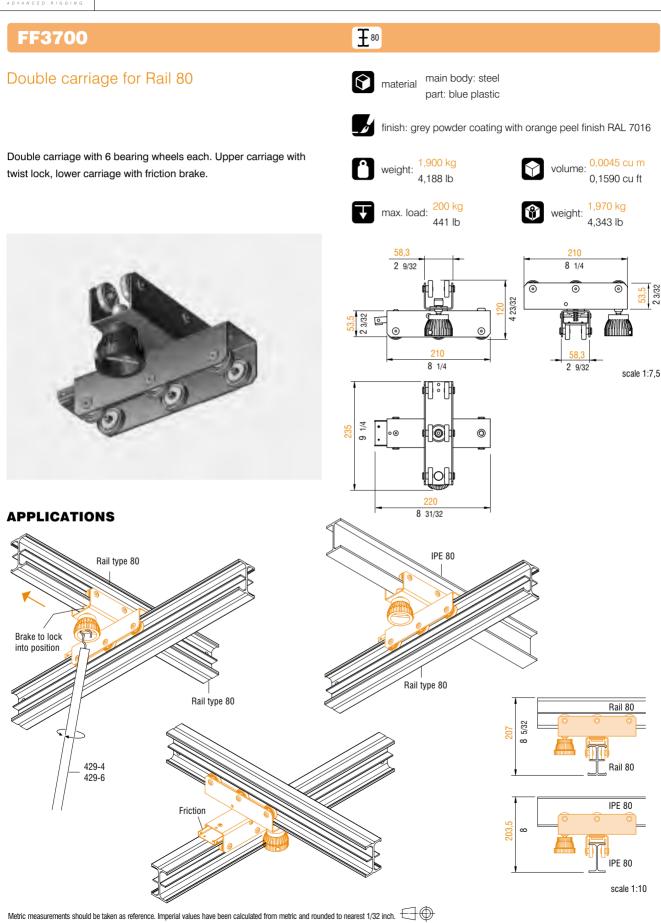
scale 1:7,5

APPLICATIONS





IMPORTANT: installation must be carried out by qualified personnel and in accordance with the safety regulations of the country/region of installation.







Double carriage Rail 80 to Rail 60

Double carriage used to connect moving Rail 60 to a fixed Rail 80; upper carriage with 6 bearing wheels and twist lock lower carriage with 4 bearing wheels and friction brake.



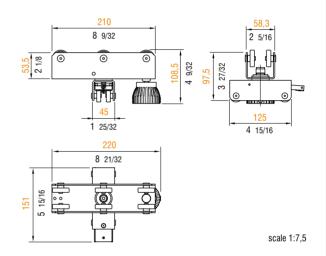
material main body: steel part: blue plastic

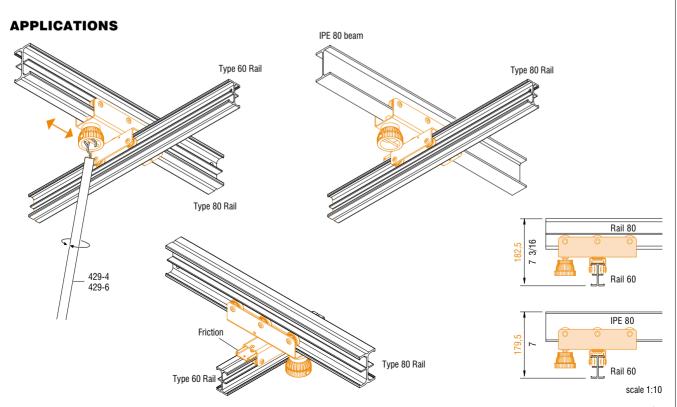
finish: grey powder coating with orange peel finish RAL 7016

weight: 1,700 kg 3,747 lb volume: 0,0045 cu m 0,1590 cu ft

max. load: 100 kg 220 lb

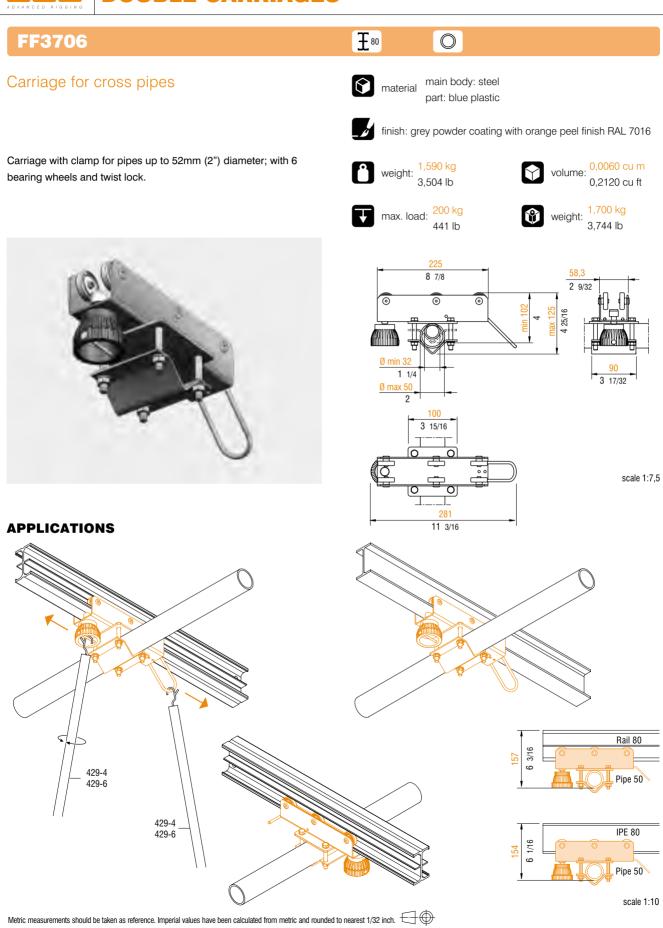
weight: 1,770 kg 3,902 lb







IMPORTANT: installation must be carried out by qualified personnel and in accordance with the safety regulations of the country/region of installation.





FF3715

0

Pipe Carriage for cross pipes

pipes from 32 mm to 52 mm (1 1/4" to 2").

Pipe carriage with twist lock , complete with pipe clamp for

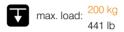


main body: steel part: blue plastic

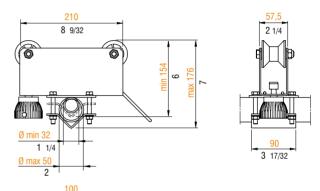


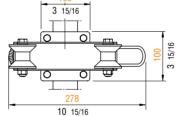






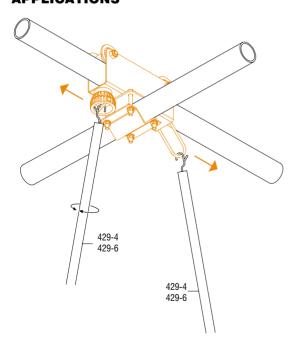


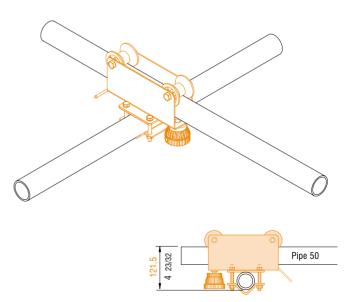




scale 1:7,5

APPLICATIONS





Pipe 50 scale 1:10

CABLE CARRIAGES

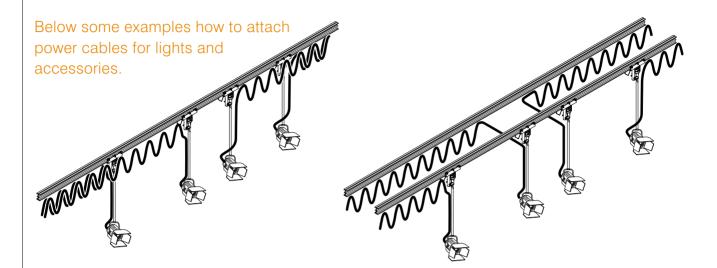


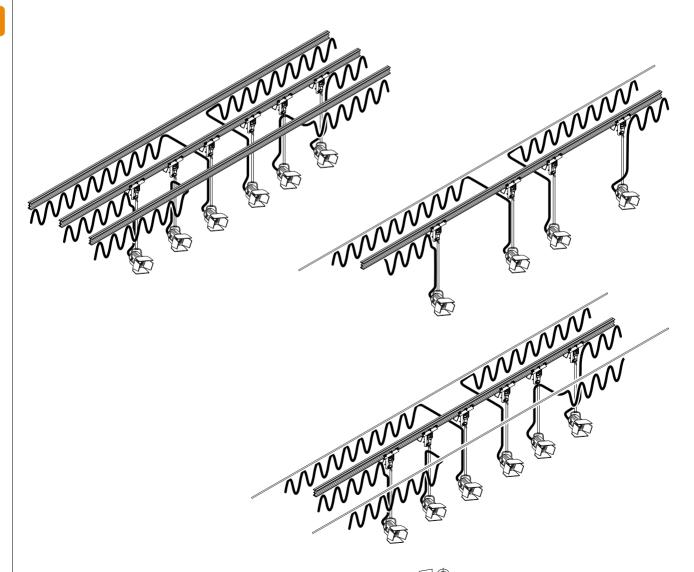
Without the use of cable carriages the finished installation can become untidy as electrical supply cables hang loosely down. The use of our cable carriages will help to ensure a tidy and safe electrical installation. Furthermore when the movable rail is moved the cable carriages will ensure that the power follows it.

QUICK SELECTION GUIDE

PRODUCT	CODE	DESCRIPTION	APPLICATION	DATAS	Р	AGE
P	FF3226C	Kit of 5 cable carriages with bearing	T 60	0,000kg/0,000lb 0,0000m/0,0000ft	1 0,000kg/0,000lb	7.40
3	FF3226V	Rail 60 cable carriage	T 60	0,369kg/0,813lb 0,0015m/0,0530ft	1 0,369kg/0,813lb	7.50
3	FF3716	Rail 80 cable carriage	E **	① 0,400kg/0,881lb ② 0,0020m/0,0707ft	1 0,400kg/0,881lb	7.60
NA.	FF3717	Rail 80 heavy duty cable carriage	0,356kg/0,785lb 0,0009m/0,032ft	① 0,365kg/0,804lb	7.70
4	FF3226F	Wire rope cable carriage		0,216kg/0,476lb 0,0005m/0,0177ft	① 0,216kg/0,476lb	7.80

CABLE CARRIAGE SYSTEMS





CABLE CARRIAGES



FF3226C

supplied.

Ŧ 60

Kit of 5 cable carriages with bearing

Made to support electrical cable from 8 to 16mm diameter

(3/8" to 5/8") on rail type 60. Cable held by standard cable tie, not

material: body: black plastic



finish: NA

weight: 0,316 kg 0,696 lb

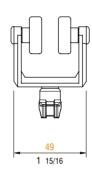
volume: 0,0007 cu m 0,0 247 cu ft

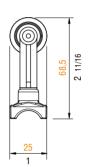


max. load: 8 kg 17,630 lb



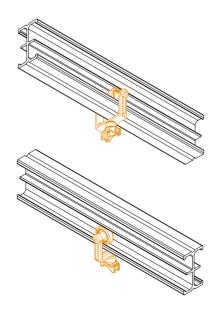


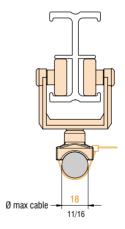


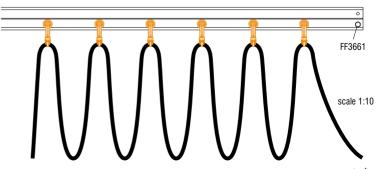


scale 1:2,5

APPLICATIONS







ADVANCED RIGGING

supplied

CABLE CARRIAGES

FF3226V

Ŧ 60

Rail 60 cable carriage

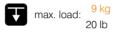
material main body: steel part: black plastic

Made to support up to 3 electrical cables from 8 to 16mm diameter (3/8" to 5/8") on rail type 60. Cables held by standard cable tie, not

finish: grey powder coating with orange peel finish RAL 7016



volume: 0,0015 cu m
0,0530 cu ft

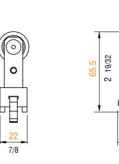




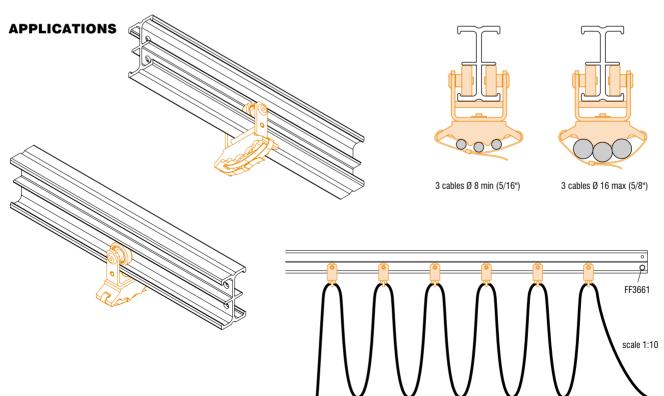
1 25/32

2 25/32





scale 1:3



CABLE CARRIAGES



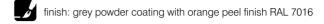
FF3716



Rail 80 cable carriage

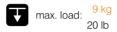
material main body: steel part: black plastic

Made to support up to 3 electrical cables from 8 to 16mm diameter (3/8" to 5/8") on Rail type 80. Cables held by standard cable tie, not supplied.



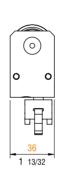


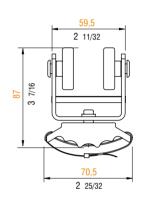
volume: 0,0020 cu m 0,0707 cu ft



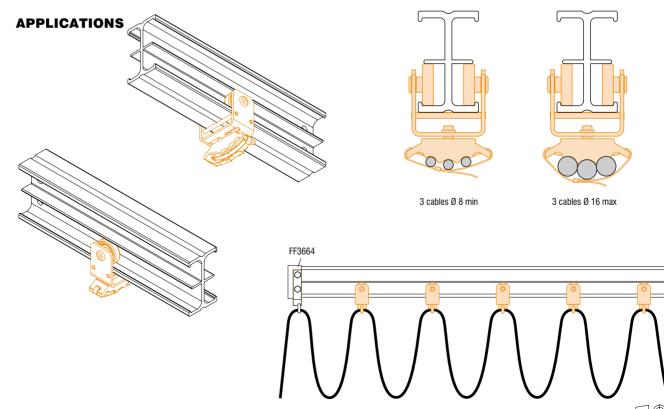








scale 1:3





CABLE CARRIAGES

E 80 FF3717

Rail 80 heavy duty cable carriage

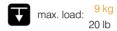
Made to support flat electrical cables up to 5x5 sq cm (2x2 sq inches).



finish: body: grey powder coating with orange peel finish RAL 7016 part: tropicalized





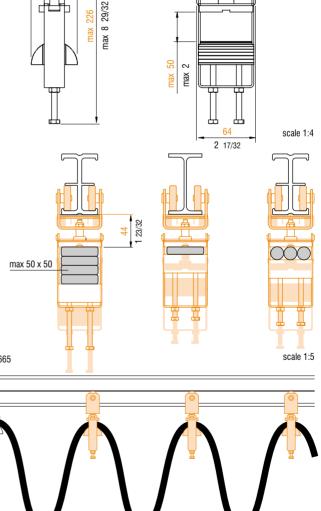


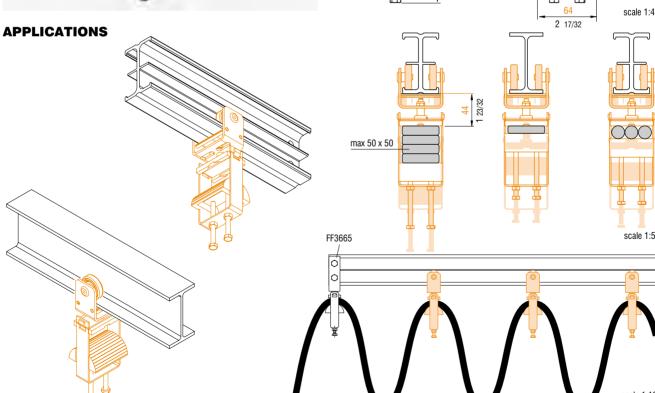
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scale 1:4

CABLE CARRIAGES

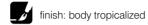


FF3226F

Wire rope cable carriage

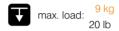
Mounted on a taut 8mm(5/16") diameter steel wire to support up to $40mm \times 40mm (1 9/16" \times 1 9/16")$ for distances up to 12m (40').





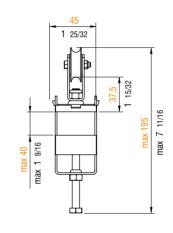
weight: 0,216 kg 0,476 lb

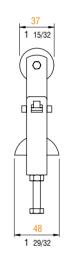
volume: 0,0005 cu m 0,0177 cu ft

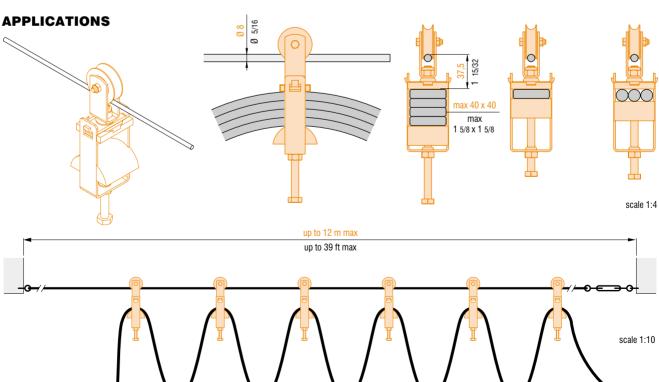














CYCLORAMA CARRIAGES AND SWITCHES go to index

A comprehensive selection of curtain carriages have been designed to carry anything from the lightest weight netting up to as much as 100Kgs per carriage. Track points allow for cycloramas, curtains and scenery to be moved from one rail to another in a two or three rail system.

QUICK SELECTION GUIDE

PRODUCT	CODE	DESCRIPTION	APPLICATION	DATAS	PAGE
8	FF3227C	Curtain carriages	I 60	① 0,030kg/0,066lb ② 0,0007m/0,0247ft ② 0,00	30kg/0,066lb 8.40

go to index

CYCLORAMA CARRIAGES AND SWITCHES



PRODUCT	CODE	DESCRIPTION	APPLICATION	DATAS		PAGE
g.	FF3227K	Curtain carriage for heavy curtains	I 60	0,170kg/0,375lb 0,0015m/0,0530ft	3 0,174kg/0,384lb	8.50
8	FF3229T	Heavy duty curtain carriage with cup for pulling curtain	E 60	0,300kg/0,661lb 0,0015m/0,0530ft	(1) 0,340kg/0,749lb	8.60
8	FF3229L	Curtain carriage with twist lock	王 60	① 0,220kg/0,485lb ② 0,0008m/0,0283ft	0,260kg/0,573lb	8.70
¥	FF3720C	Curtain carriage	1 50 1 80	① 0,128kg/0,282lb ② 0,0005m/0,017ft	1 0,168kg/0,370lb	8.80
4	FF3723C	Curtain carriage	X 50 X 80	① 0,242kg/0,533lb ② 0,0015m/0,0530ft	0,282kg/0,621lb	8.90
8	FF3722C	Towing carriage	I 50 I E80	0,322kg/0,710lb 0,0015m/0,053ft	3 0,360kg/0,794lb	8.100
8	FF3724C	Towing carriage with brake	I 20 I 80	0,314kg/0,692lb 0,0015m/0,0530ft	3 0,350kg/0,771lb	8.110
4	FF3723	Carriage for panels and scenery	1 50 1 80	1,170kg/2,579lb 0,005m/0,176ft	1,230kg/2,775lb	8.120
1	FF3740Y040	Cyclorama tower	1 50 1 80	0,0000m/0,0000ft	1 000kg/000lb	8.130
1	FF3757	Switch 2/1 rail 50 DX	1 50	0,0000m/0,0000ft	000kg/000lb	8.140
1	FF3756	Switch 3/2 rail 50	X 50	0000kg/000lb 0,0000m/0,0000ft	000kg/000lb	8.150
	FF3755	Switch 3/3 rail 50	X 50	0000kg/000lb 0,0000m/0,0000ft	000kg/000lb	8.160
1	FF3767	Switch 2/1 rail 60 DX	I 60	000kg/000lb 0,0000m/0,0000ft	1 000kg/000lb	8.170
*	FF3766	Switch 3/2 rail 60	₹ 60	0,0000m/0,0000ft	③ 000kg/000lb	8.180
	FF3765	Switch 3/3 rail 60	I 60	0,0000m/0,0000ft	1 000kg/000lb	8.190



CYCLORAMA CARRIAGES AND SWITCHES

FF3227C	Kit of 5 light weight curtain carriages with ball bearings	page 8.40
FF3227K	Kit of 5 heavy weight curtain carriages with ball bearings	page 8.50
FF3229T	Heavy duty curtain carriage with cup for pulling curtain	page 8.60
FF3229L	Heavy duty curtain carriage with twist lock	page 8.70
FF3720C	Carriage to suspend curtains	page 8.80
FF3723C	Carriage to suspend curtains	page 8.90
FF3722C	Secondary towing carriage	page 8.100
FF3724C	Towing carriage with brake	page 8.110
FF3723	Carriage to suspend rigid scenery with a width from 6 to 100 mm	page 8.120
FF3740Y040	Tensioning tower for cyclorama	page 8.130
FF3757	Switch 1/2 rail 50 DX	page 8.140
FF3756	Switch 2/3 rail 50	page 8.150
FF3755	Switch 3/3 rail 50	page 8.160
FF3767	Switch 1/2 rail 60 DX	page 8.170
FF3766	Switch 2/3 rail 60	page 8.180
FF3765	Switch 3/3 rail 60	page 8.190

Some tips to select the right rail and carriages for a curtain system.

First select the rail for your application.

Rail Type 50 for heavy curtains or curtains higher than 5,0m (16 feet).

Rail Type 60 for light weight curtains or curtains with a height of up to 5,0m (16 feet).

Make sure that the carriages you choose fit onto the rail you would like to use.

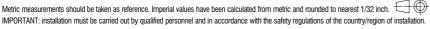
You find the rail symbol in the headline of each page for carriages.

Carriages for various weights or functions are available.

Use a carriage with brake at both ends of the curtain or a cyclorama tower for curtains higher than 5,0m (16 feet).

Towing carriages should be placed every 25 carriages. Carriages with wheels are recommended for all curtains higher than 9,0m (29 feet).

Please contact us for additional information if required.



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CYCLORAMA CARRIAGES AND SWITCHES



FF3227C

Ŧ 60

Curtain carriages

material: body: black plastic



Kit of 5 plastic carriages with ball bearings for light curtains.





volume: 0,0007 cu m 0,0247 cu ft

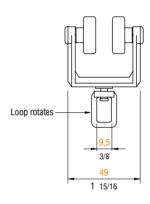


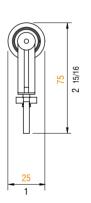
max. load: $\frac{5 \text{ kg}}{11 \text{ lb}}$



weight: 0,030 kg 0,066 lb

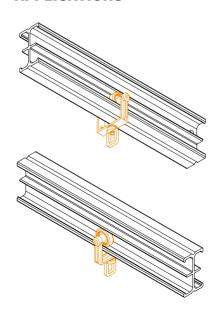


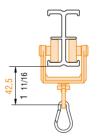




scale 1:2,5

APPLICATIONS

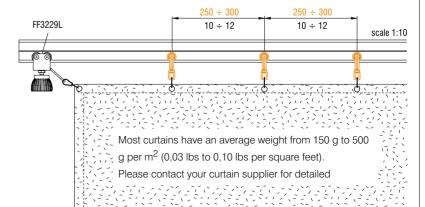






scale 1:4

Hardware to attach curtains onto carriages not included. Contact your curtain supplier for details.





CYCLORAMA CARRIAGES AND SWITCHES go to index

FF3227K

Ŧ 60

Curtain carriage for heavy curtains

material: stainless steel



Kit of 5 steel carriages with ball bearings for heavy curtains.



volume: 0,0015 cu m 0,0530 cu ft

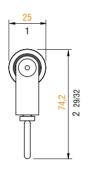


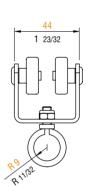
max. load: 10 kg 22 lb



weight: 0,174 kg 0,384 lb

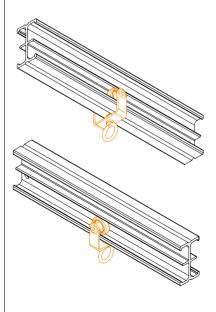


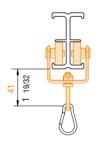




scale 1:2,5

APPLICATIONS

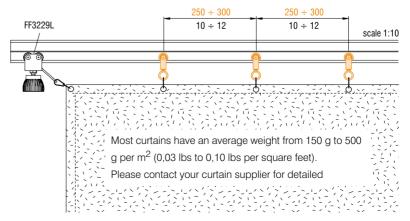






scale 1:4

Hardware to attach curtains onto carriages not included. Contact your curtain supplier for details.



go to index

FF3727C.

CYCLORAMA CARRIAGES AND SWITCHES



FF3229T

Ŧ 60

Heavy duty curtain carriage with cup for pulling curtain

material: main body: steel part: blue plastic

Steel carriage with bearing wheels.

0 300 kg

volume: $\frac{0,0015 \text{ cu m}}{0,0530 \text{ cu ft}}$

Place one towing carriage every 25 carriages type FF3227K or

weight: 0,300 kg 0,661 lb

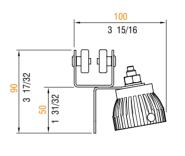
max. load: 50 kg 110 lb

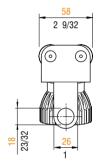


finish: grey powder coating with orange peel finish RAL 7016

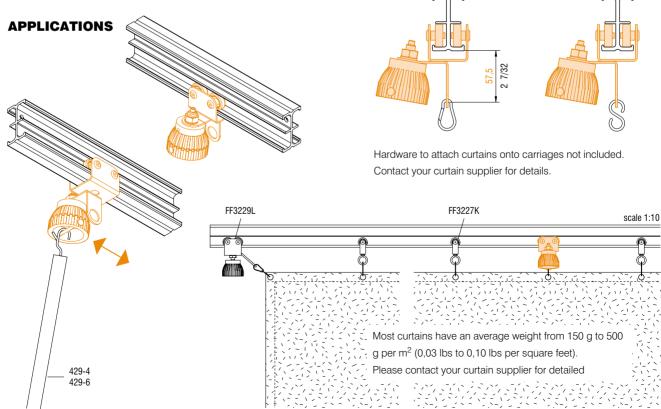
weight: 0,330 kg







scale 1:4



CYCLORAMA CARRIAGES AND SWITCHES

FF3229L

Ŧ 60

Curtain carriage with twist lock

Locking cup is also used to pull carriage along rail

main body: steel material: part: blue plastic

Use at both ends of the curtain to secure the curtain end position.

finish: grey powder coating with orange peel finish RAL 7016

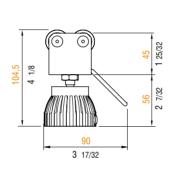
weight: 0,220 kg

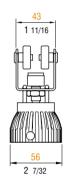
volume: 0,0008 cu m 0,0283 cu ft



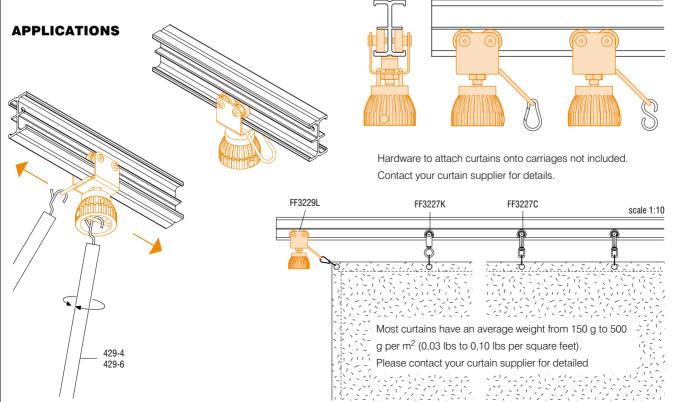








scale 1:4



go to index

CYCLORAMA CARRIAGES AND SWITCHES



FF3720C





Curtain carriage

Steel carriages with ball bearings for curtains up to 9m height. Recommended distance between carriages for ideal curtain support: 25-30 cm.



material: steel



finish: grey powder coating with orange peel finish RAL 7016 $\,$



weight: 0,128 kg 0,282 lb



volume: 0,0005 cu m 0,017 cu ft

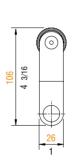


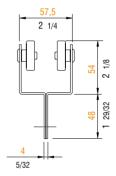
max. load: 20 kg 44 lb



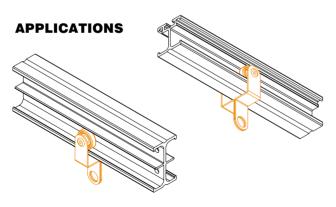
weight: 0,168 kg 0,370 lb



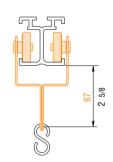




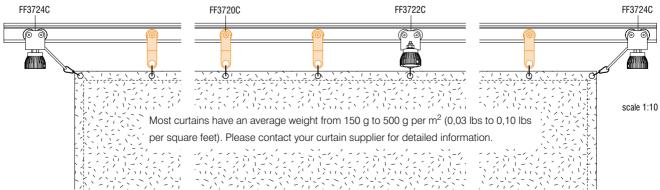
scale 1:4







Hardware to attach curtains onto carriages not included. Contact your curtain supplier for details.



CYCLORAMA CARRIAGES AND SWITCHES

FF3723C

工 50

H80

Curtain carriage

Steel carriages with ball bearings for curtains over 9m (29ft) height. Recommended distance between carriages for ideal curtain support: 25-30 cm.



material: steel



finish: grey powder coating with orange peel finish RAL 7016



weight: 0,242 kg 0,533 lb



volume: 0,0015 cu m 0,0530 cu ft

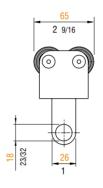


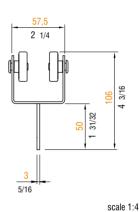
max. load: 25 kg 55 lb

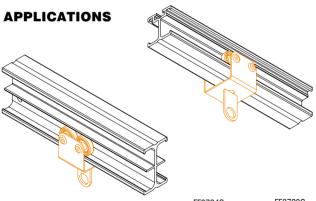


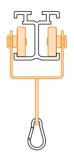
weight: 0,282 kg 0,621 lb

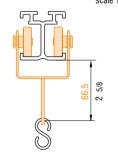




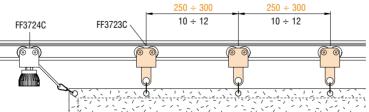


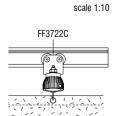






Hardware to attach curtains onto carriages not included. Contact your curtain supplier for details.





Most curtains have an average weight from 150 g to 500 g per m² (0,03 lbs to 0,10 lbs per square feet) Please contact your curtain supplier for detailed



go to index

CYCLORAMA CARRIAGES AND SWITCHES



FF3722C

工 50



Towing carriage

material: main body: steel part: blue plastic

finish: grey powder coating with orange peel finish RAL 7016

Steel carriages with ball bearings to be mounted every 25 carriages art. FF3720C or FF3723C. This carriage helps pulling the curtain.

weight: 0,322 kg 0,710 lb

volume: 0,0015 cu m 0,0530 cu ft

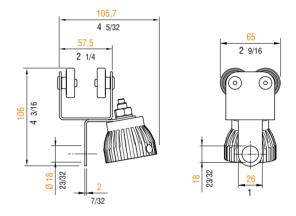


max. load: 25 kg 55 lb

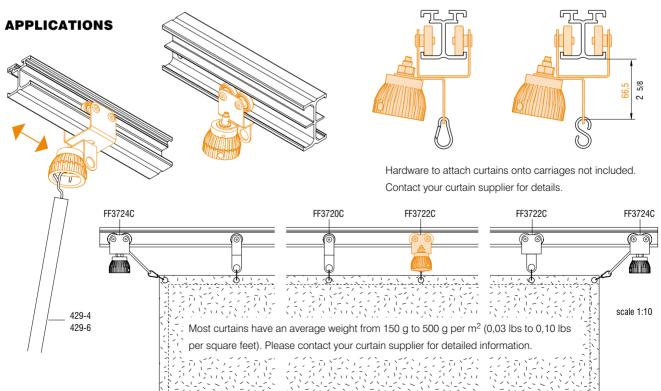


weight: 0,360 kg 0,794 lb





scale 1:4



FF3724C





Towing carriage with brake

main body: steel material part: blue plastic



finish: grey powder coating with orange peel finish RAL 7016

Steel carriages with ball bearings for pulling cyclorama into position; should be mounted at both ends of the cyclorama.



weight: 0,314 kg 0,692 lb



volume: 0,0015 cu m 0,0530 cu ft

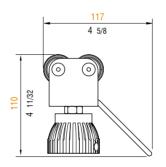


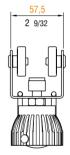
max. load: NA



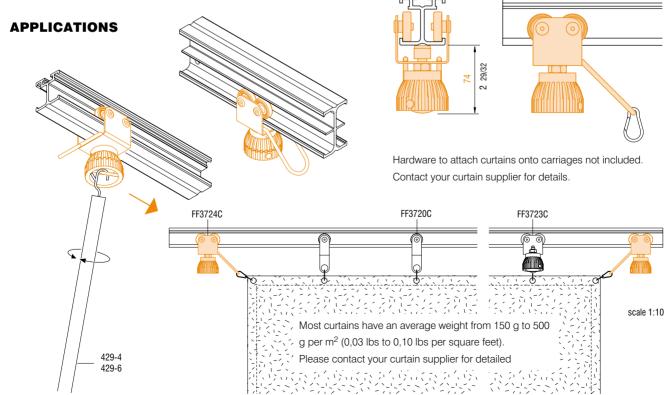
weight: $\frac{0,350 \text{ kg}}{0,771 \text{ lb}}$







scale 1:4





CYCLORAMA CARRIAGES AND SWITCHES

FF3723





Carriage for panels and scenery

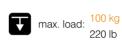
material: steel

Steel carriages with bearing wheels, used to suspend rigid scenaries or wood panels.

weight: 1,170 kg 2,579 lb

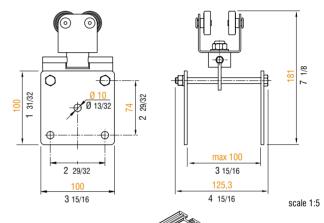
volume: 0,005 cu m 0,176 cu ft

The clamp can hold object from 6mm to 100mm thick.



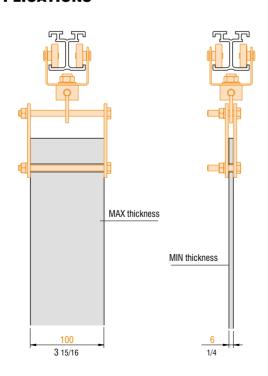


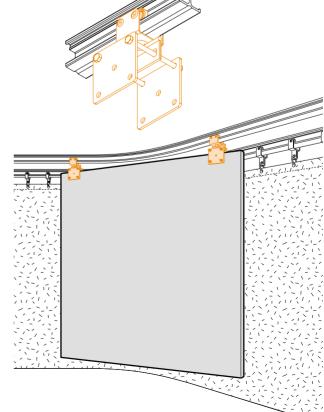




finish: grey powder coating with orange peel finish RAL 7016

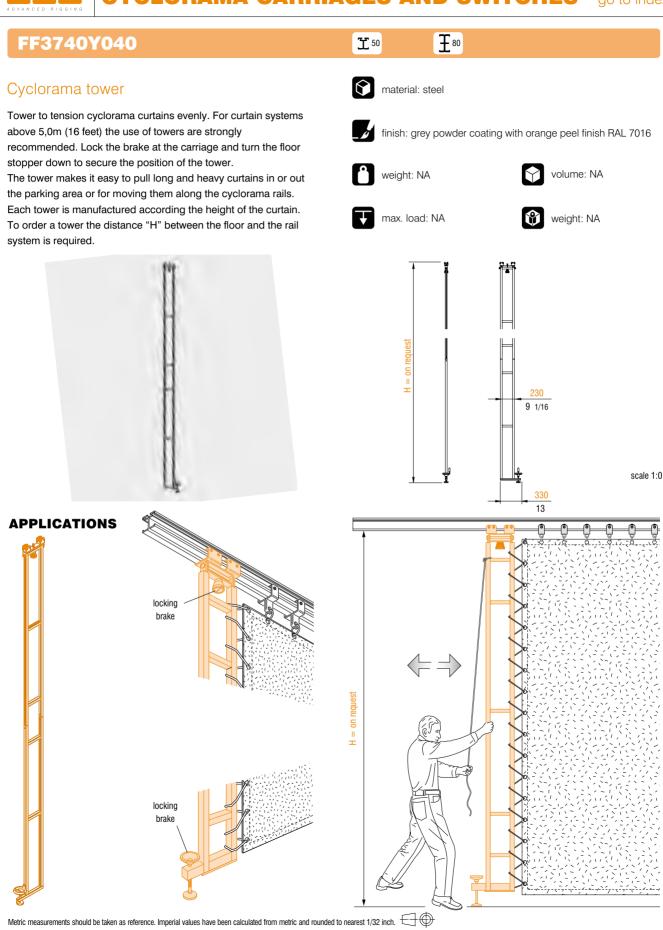
APPLICATIONS







CYCLORAMA CARRIAGES AND SWITCHES go to index



IMPORTANT: installation must be carried out by qualified personnel and in accordance with the safety regulations of the country/region of installation.

scale 1:25

go to index

CYCLORAMA CARRIAGES AND SWITCHES



FF3757

工 50

Switch 1/2 rail 50 DX

Switch for single cyclorama Rail Type 50 to connect parking rails or feeding rails to the main curtain rail. Closed loop curtain systems require switches for inserting or removing curtains for maintenance.(to order the left version use code FF3757SX).



material: steel



finish: grey powder coating with orange peel finish RAL 7016



weight: 13,227 lb





volume: NA

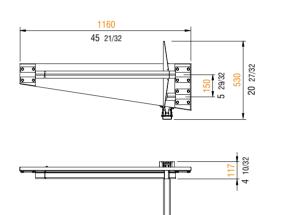


max. load: NA

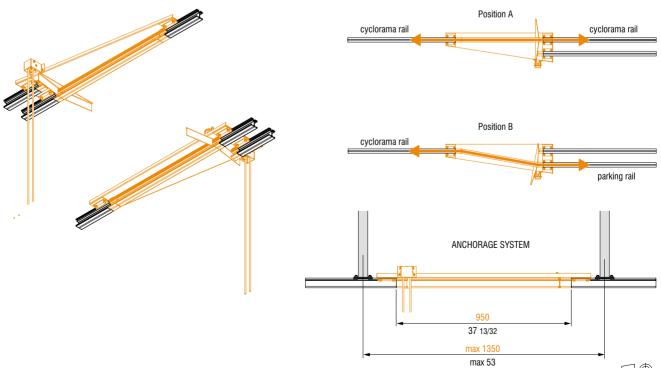


weight: NA





APPLICATIONS



CYCLORAMA CARRIAGES AND SWITCHES go to index

FF3756

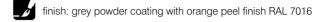


Switch 2/3 rail 50

removing curtains for maintenance.

material: steel

Switch for double cyclorama Rail Type 50 system. To connect parking rails or feeding rails to the main curtain rail system. Closed loop curtain systems require switches for inserting or



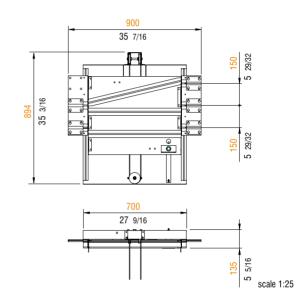


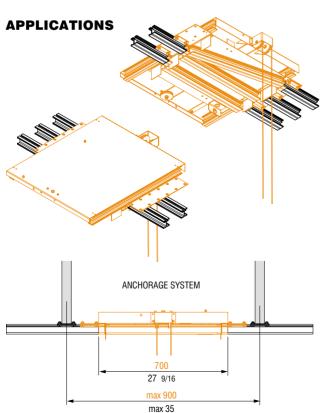


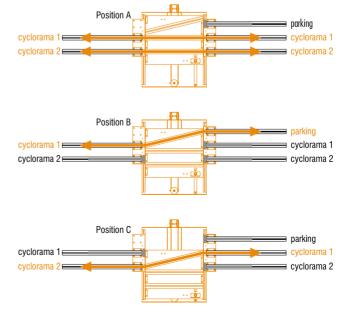












Metric measurements should be taken as reference. Imperial values have been calculated from metric and rounded to nearest 1/32 inch. IMPORTANT: installation must be carried out by qualified personnel and in accordance with the safety regulations of the country/region of installation.

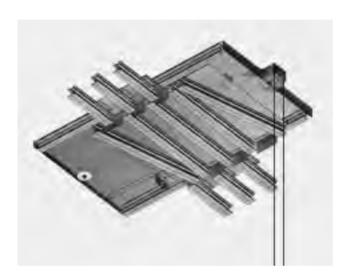
8.150

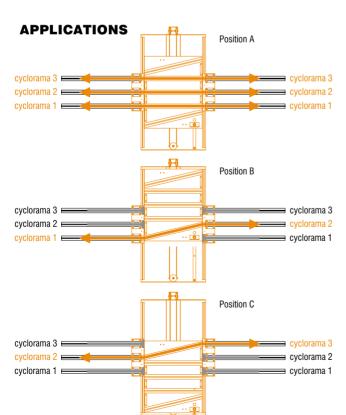
FF3755

工 50

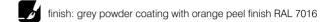
Switch 3/3 rail 50

Switch for triple cyclorama Rail Type 50 system. To connect parking rails or feeding rails to the main curtain rail system. Closed loop curtain systems require switches for inserting or removing curtains for maintenance.









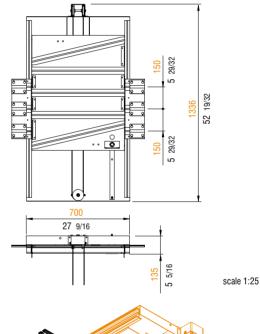


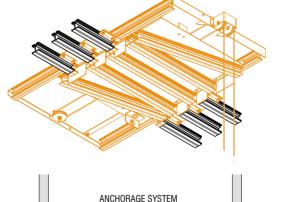






weight: NA







CYCLORAMA CARRIAGES AND SWITCHES go to index

FF3767

Ŧ 60

Switch 1/2 rail 60 DX

Switch for single cyclorama Rail Type 60 to connect parking rails or feeding rails to the main curtain rail. Closed loop curtain systems require switches for inserting or removing curtains for maintenance. (To order te left version use code FF3767SX).





material: steel



finish: grey powder coating with orange peel finish RAL 7016





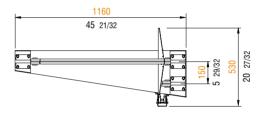
volume: NA

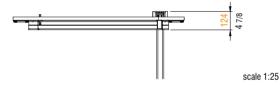


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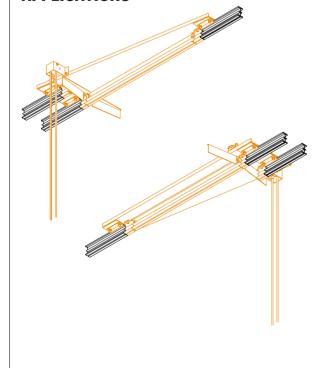


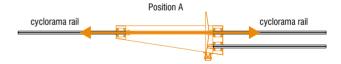
weight: NA



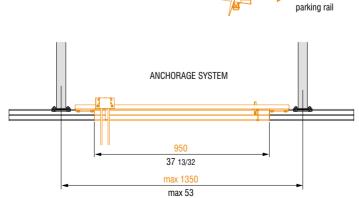








Position B



Metric measurements should be taken as reference. Imperial values have been calculated from metric and rounded to nearest 1/32 inch. IMPORTANT: installation must be carried out by qualified personnel and in accordance with the safety regulations of the country/region of installation.

cyclorama rail

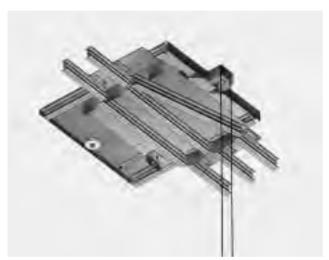
8

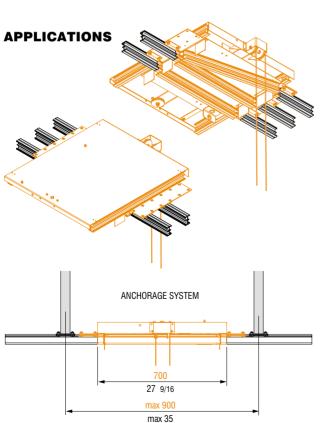
CYCLORAMA CARRIAGES AND SWITCHES

FF3766

Switch 2/3 rail 60

Switch for double cyclorama Rail Type 60 system. To connect parking rails or feeding rails to the main curtain rail system. Closed loop curtain systems require switches for inserting or removing curtains for maintenance





material: steel

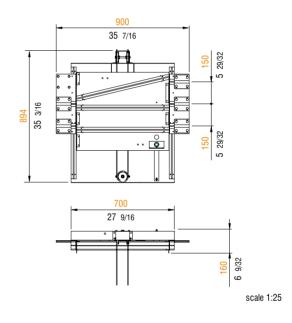
finish: grey powder coating with orange peel finish RAL 7016

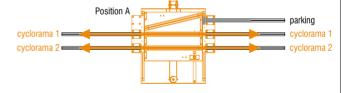
weight: 13 kg 28.660 lb volume: NA

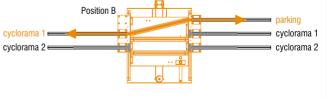
max. load: NA

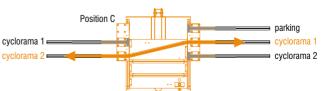
₩€

weight: NA









CYCLORAMA CARRIAGES AND SWITCHES go to index

FF3765

Ŧ 60

Switch 3/3 rail 60

Switch for triple cyclorama Rail Type 60 system. To connect parking rails or feeding rails to the main curtain rail system. Closed loop curtain systems require switches for inserting or removing curtains for maintenance.



material: steel



finish: grey powder coating with orange peel finish RAL 7016





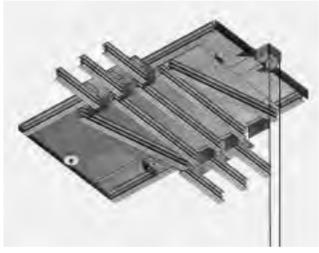
volume: NA

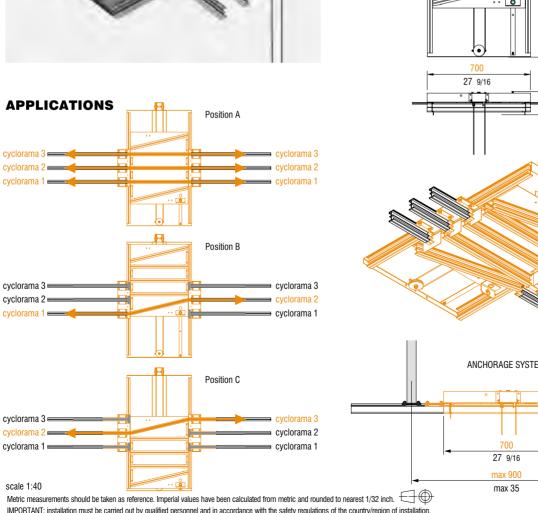


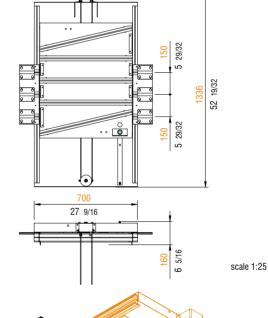
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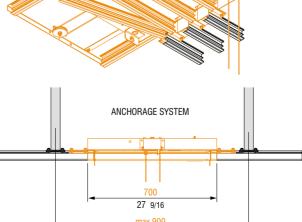


weight: NA









IMPORTANT: installation must be carried out by qualified personnel and in accordance with the safety regulations of the country/region of installation.

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