

Furse

CURTAIN TRACKS

W60

ALL METAL TUBULAR

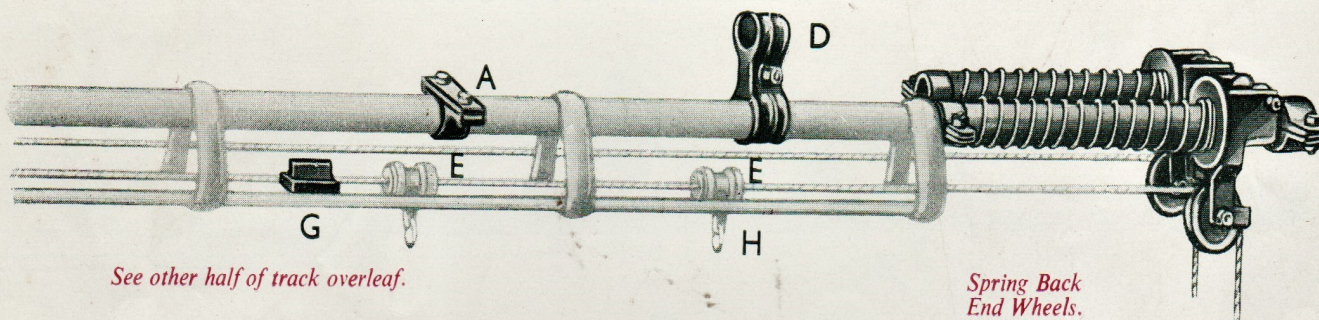


FIG. 2

Spring Back
End Wheels.

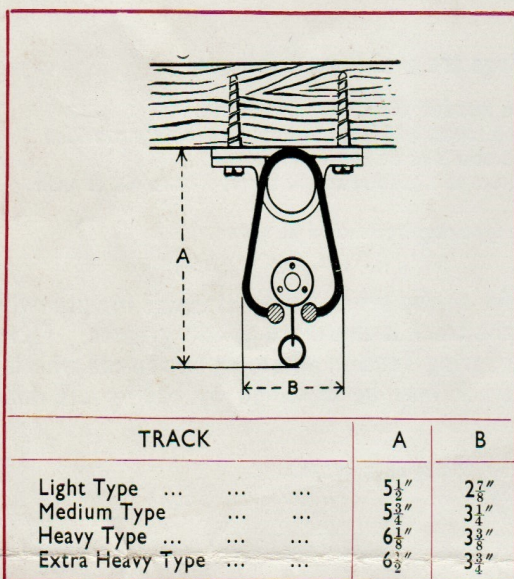


FIG. 4

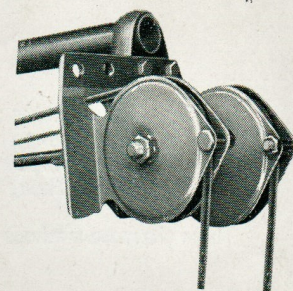


FIG. 3

Fixed End Wheels.

- A Saddle Fixing.
- B Sling Fixing.
- C Bolt Fixing.
- D Clamp Fixing.
- E Ordinary Bobbins (Light ST21. Medium ST41).
- F Master Bobbin ST22.
- G Track Lubricators ST25.
- H Spring Tab Hooks ST28.

A set of either type of fixings and a set of bobbins are included in the track price. Lubricators and Tab Hooks extra.

The List prices are for tracks complete with two master bobbins, ordinary bobbins (one per foot of track), suspension rings or batten fixing saddles. Tracks for hand operation supplied with sash line, fixed end wheels, stage block, and screw eye. If they are required for use with hand gears, steel wire rope is necessary which is charged extra, and credit allowed for sash-line, etc. Tracks ordered with electric controls — no extra charge made for steel wire rope, and end wheels are of automatic rope tensioning assembly type.

Tracks of 42 ft. or over may be supplied in two or four sections.

CURVED TRACKS. Details concerning these will be given on application.

'ULTRALITE' TRACK. For use on Small Stages, Lecture Halls, etc. For details of 'ULTRALITE' track see leaflet W61.

Information Required When Ordering :

- (1) Type of track fixing.
- (2) Length of track over all.
- (3) Approximate height and weight of curtains.
- (4) If for hand operation or electrical control.

EXPORT. We are pleased to quote for tracks packed in suitable cases for Export, and if desired will allow for shipping charges. Weights and dimensions will be detailed on receipt of specific enquiries.

GUARANTEE

Any defect which may be proved due to faulty material or workmanship, within a period of twelve months from date of supply, will be made good by us without charge if written notice is given to us immediately such defect is discovered. In no case will we pay for repairs made without our knowledge or sanction, or for indirect damages, and our liability is limited to the replacement of any faulty parts if delivered to us, carriage paid, excluding taking out and replacement of same.

Design subject to modification or alteration without notice.

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See other half of track overleaf.

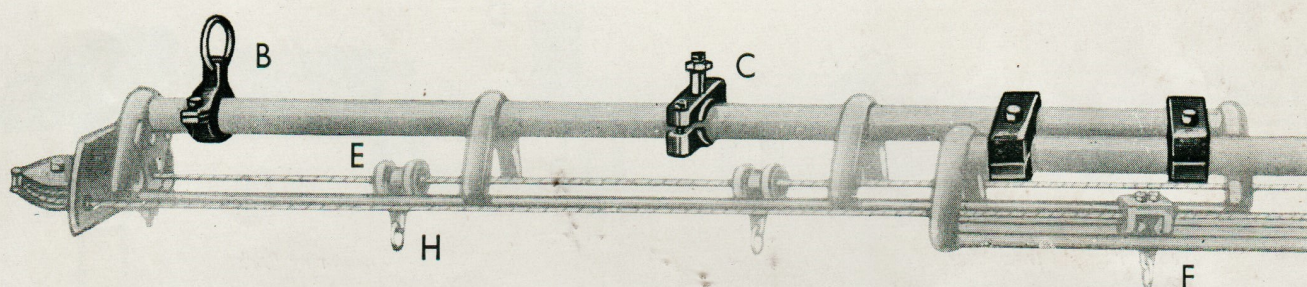


FIG. 1

STANDARD METHOD OF FIXING: Four types of standard fixings are available, as follows:—

- TYPE A — Saddle Fixing : This enables the track to be fastened direct to wooden joists, etc. See overleaf.
 TYPE B — Sling Fixing : The track can be suspended from wire or hemp ropes, which are secured to the rings provided.
 TYPE C — Bolt Fixing : These bolts allow the track to be fastened to brackets or on to girder plates.
 TYPE D — Clamp Fixing : The clamps enable the track to be fastened direct to a counterweight barrel of same dia. as main track tube. See overleaf.

These alternate methods of fixing are illustrated in figures 1 & 2, and the type required should be stated.

LENGTH OF TRACK: The track lengths given in the Price List refer to the actual length available for use with the runners (apart from the centre overlap), and the overall length of the track is therefore a little greater. Fixed end Pulleys are supplied when the track is operated by sash cord, and a Spring Tension Assembly on the end wheels when for use with Flexible Steel Wire Rope. The overall length of track may be obtained by adding the following measurements to the length of travel as given in Price List,

Light	Type Track —	8½"	Fixed End Wheels	15½"	Spring Back Wheels.
Medium	" "	8½"	" "	18½"	" "
Heavy	" "	8½"	" "	19"	" "
Extra Heavy	" "	11½"	" "	22"	" "

The two separate halves of all tracks can be brought closer together without detriment, and suspended as a shorter track with a greater centre overlap. Tracks exceeding 42ft. in overall length are sent out in 4 sections, rigid and bolted joints being provided on the sub-sections. This feature facilitates transport and handling of the equipment.

CENTRE OVERLAP. A centre overlap is allowed in all sizes, and is additional to the track length given in the price list. The standard centre overlaps are as follows:—

Light Type 2' 0"; Medium Type 3' 0"; Heavy Type 3' 6"; Extra Heavy Type 3' 6".

For example, a Curtain Track ordered as a 30 ft. Medium Type Track, would be sent out in two lengths, each with 16 ft. 6 in. of runner travel, which allows 3 ft. 0 in. of centre overlap.

RUNNERS. The runners comprise hard-wood bobbins, slide on the tubular rails of the track and carry swivel attachments to which are fixed the snap hooks provided on the draperies or scenic cloths. A pair of Master Runners is included with each track, and in addition, loose Runners for approximately each foot of track, including the centre overlap.

HAND OPERATION. Tracks can be hand operated by means of an Endless Sash Cord with Stage Pulley Block, and the price includes the supply of these accessories. Smoother hand operation is obtained however by means of a wall and floor winch and in this case, the hauling rope must be of the flexible steel wire rope type. Flexible wire rope is charged as an extra, but credit is allowed for the Sash Cord and Stage Pulley Block.

ELECTRICAL OPERATION. Furse tracks are the most suitable type for Curtains moved electrically. Suitable Motor Driven Curtain Controllers are listed on other pages, and if tracks are ordered at the same time as an Electric Curtain Controller, they are supplied with the Spring Tension Assembly on the end wheels, (as illustrated), without additional charge. The flexible steel wire rope is included in the price of the Electric Curtain Control Gears.

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CURTAIN TRACKS

REVISED PRICES

LEAFLET A3

PRICES

Length ft.	For Light Curtains	Length ft.	For Medium Curtains	Length ft.	For Heavy Curtains	Length ft.	For Extra Heavy Curtains
	£ s. d.		£ s. d.		£ s. d.		£ s. d.
16	13 4 6	26	16 14 6	34	20 18 6	46	29 0 0
17	13 10 6	27	17 1 0	35	21 5 0	47	29 9 6
18	13 16 6	28	17 7 6	36	21 11 6	48	29 19 6
19	14 2 0	29	17 13 6	37	21 18 0	49	30 7 6
20	14 7 6	30	18 0 0	38	22 5 6	50	30 16 0
21	14 13 6	31	18 6 6	39	22 13 0	51	31 5 0
22	14 17 6	32	18 12 6	40	23 1 0	52	31 14 0
23	15 2 6	33	18 19 0	41	23 8 6	53	32 3 0
24	15 9 0			42	23 15 6	54	32 10 0
25	15 14 0			43	24 1 0	55	32 19 6
				44	24 7 6		
				45	24 15 0		

- E** Ordinary Bobbins (Light ST 21, Medium ST 41) 2s. 3d. each
F Master Bobbins ST 22 8s. 6d. „
G Track Lubricators ST 25 Per Pair 11s. 0d.
H Spring Tab Hooks ST 28 Per Doz. 13s. 0d.

A set of Bobbins are included in the Track Price, Lubricators and Tab Hooks extra.

Prices include delivery in Great Britain within British Railways free delivery area on orders value £10 nett and over, and are subject to withdrawal or alteration without notice.

The above prices apply to Tracks illustrated and described in our Leaflet A2/3

October, 1953

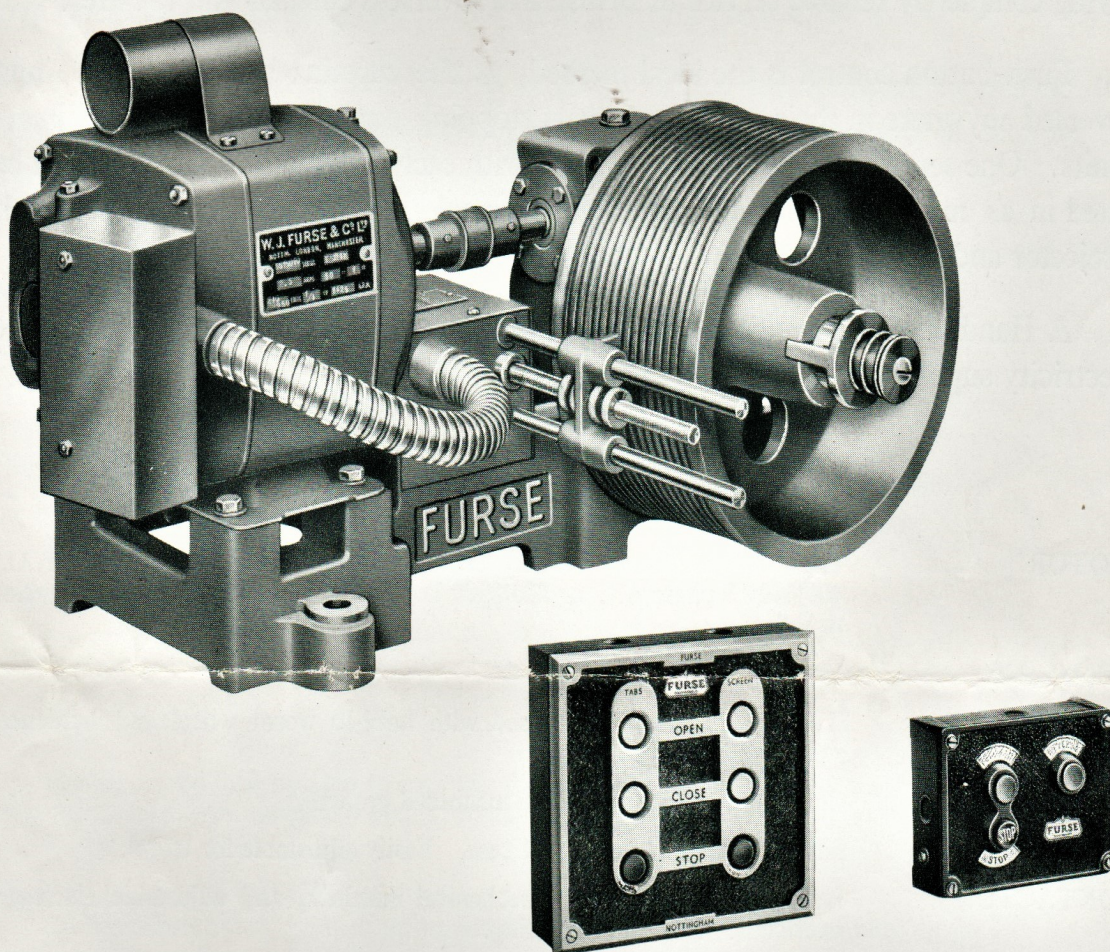
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W1

CURTAIN CONTROLS

for

Cinemas, Theatres and Stages in Amusement Halls
and all types of Modern Buildings, Schools, &c.



FURSE Electric Curtain Controls were first marketed over 30 years ago, and today there are thousands in use. Such is their quality and reliability that many are continuing to give uncomplaining and silent service after more than 20 years of regular use.

Only the minimum of maintenance is required, and any special features can be incorporated—such as two pre-set travels for screens with movable masking, trailer dimmers, etc.

Specify "FURSE" for Safety and Reliability

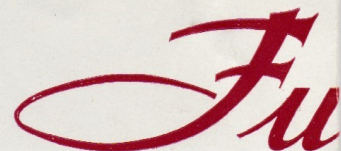
LONDON: 9 CARTERET STREET,
WESTMINSTER, S.W.1.
Tel. Whitehall 3938-9

W. J. FURSE & CO. LIMITED
TRAFFIC STREET Tel. 88213 (7 lines) NOTTINGHAM

20 MOUNT STREET, MANCHESTER
Tel. Blackfriars 5014-5

Theatre Engineering Plant Manufacturers. Stage Lighting and Control Equipment Specialists

CURTAIN



AUTOMATIC PUSH BUTTON TYPE

THE illustration of the Gear on the front of this leaflet shows a standard FURSE push-button type of control, typical of thousands which are unobtrusively giving completely reliable service in British and Overseas cinemas and theatres.

Push-button control is the ideal method, as the curtains can be stopped and reversed anywhere in their travel, as well as stopping automatically at the ultimate limits. One set of push-buttons is supplied with each control, but extra sets can be fitted in as many positions as required. Normal positions are adjacent to each projector and on the stage.

A Hand-operated device is provided for use in the event of any failure in the electricity supply.

BRIEF SPECIFICATION

MOTOR	High starting torque totally enclosed for 200/250v single phase A.C., 400/440v 3 phase A.C. or 200/250v D.C. Special voltages and frequencies to order.
COUPLING	Flexible, shock absorbing
GEAR BOX	Totally enclosed, oil immersed with hobbled worm wheel and hardened and ground worm.
DRUM	Close grained cast iron, with machined grooves,
LIMITS	Silver contacts in dust proof case. Easily adjustable for travel.
CONTACTOR	Heavy duty contacts with mechanical interlock, and adjustable electrical overloads. For wall mounting.
PUSH BUTTONS	Neatly arranged in cast iron box. Can be supplied as a double set for screen and house curtains.
SPEED OF OPERATION	To suit user's requirements, but normally about 2ft per second.

Type	H.P.	Maximum Weight of Curtains (per Pair)	PRICE
PC 25	$\frac{1}{4}$	Up to 2 cwts.	See Separate Price List
PC 50	$\frac{1}{2}$	3 to 4 cwts.	
PC 75	$\frac{3}{4}$	4 to 5 cwts.	
PC 100	1	5 to 6 cwts.	

$1\frac{1}{2}$ and 2 h.p. Units also available.

Prices quoted include free delivery within B.R. free delivery area on orders of £20 and over.



CONTROLS

SINGLE SWITCH TYPE

THIS type of control is mechanically similar to the Push-button type, but cannot be stopped and reversed at any position. Also control from more than one position is more complicated from a wiring point of view.

A special motor is fitted, and a safety device incorporated so that if the Control Switch is reversed inadvertently whilst the curtains are in motion, no damage is caused.

We recommend this type only when a single operating position is required, and it should not be used above $\frac{1}{2}$ h.p.

Type	H.P.	Maximum Weight of Curtains (per Pair)	PRICE
SC 25	$\frac{1}{4}$	Up to 2 cwts.	See Separate
SC 50	$\frac{1}{2}$	3 to 4 cwts.	Price List

SPECIAL REQUIREMENTS

These can be incorporated to customers' own particular needs, and include "double travel" units for screens with movable masking, trailer dimmers and "draw and drape" curtain operation.

ENQUIRY INFORMATION

It is requested that as much information as possible is given when making enquiries, to assist us in recommending the correct equipment for the duty. The main details we need are (1) Electricity supply available. (2) Number of operating positions required. (3) Overall length of track, if existing, or width of proscenium opening if not, and (4) approximate width and drop of each curtain.

CURTAIN TRACKS

While "FURSE" Electric Curtain Controls can be used with most types of stage track, it is recommended that they should be installed to work in conjunction with "FURSE" all steel Curtain Tracks whenever possible.

Leaflets W60 and W61 dealing with these will be gladly sent on request.

SPECIALITIES —We are actual manufacturers of all classes of Stage Lighting and Theatre Equipment including:— FOOTLIGHTS, BATTENS, SPOTLIGHTS, FLOODLIGHTS, MOTOR DRIVEN, SLIDER, RADIAL & AUTOMATIC DIMMERS AND DIMMER BANKS, HAND CURTAIN GEARS, WINCHES, WALL HOISTS, FIREPROOF SHUTTERS, PANIC BOLTS, SWITCHBOARDS, COUNTERWEIGHTING GEAR, &c.

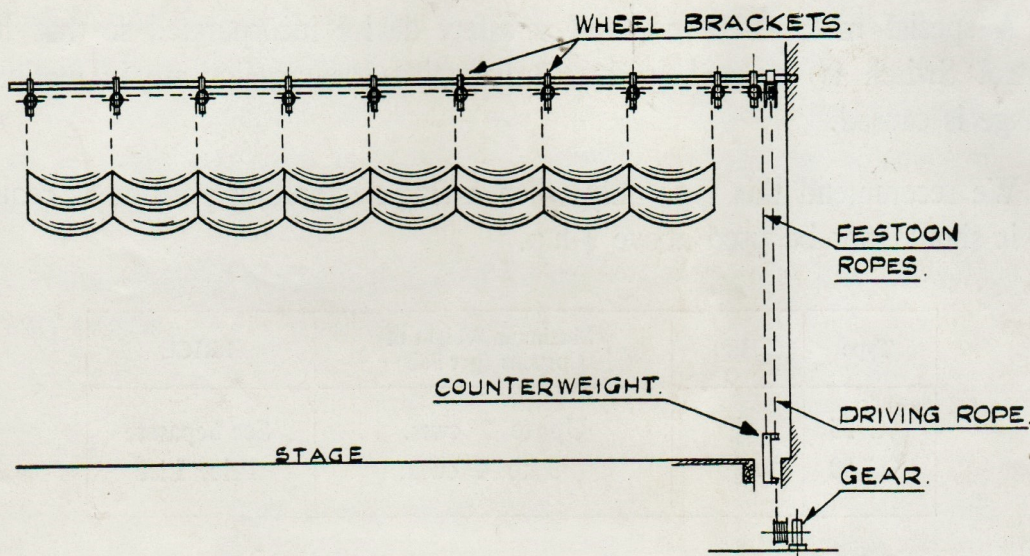
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CURTAIN CONTROLS

for

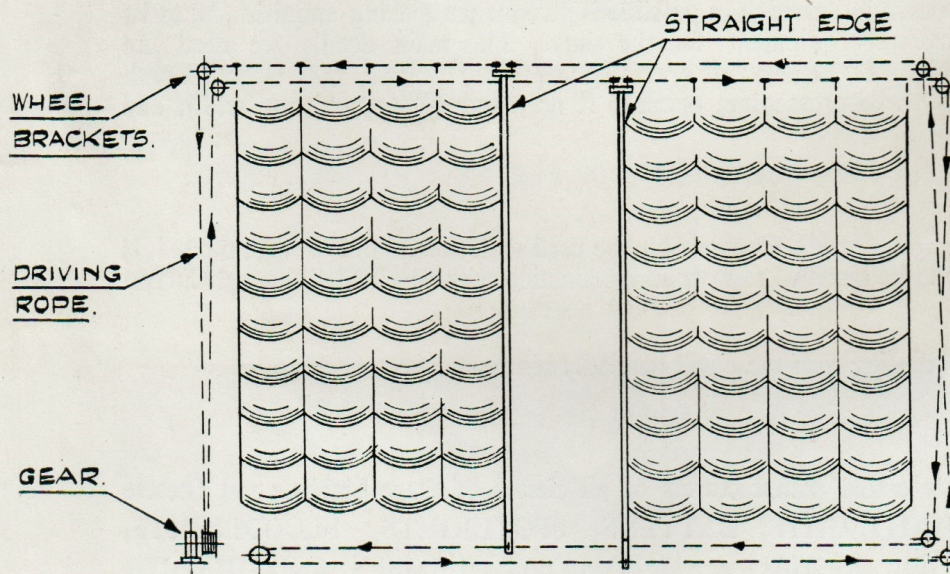
VERTICAL FESTOON CURTAINS

THIS type of control is popular where space in the wings is so limited that the curtains cannot be drawn off in the usual way. It is also often preferred on account of the beautiful lighting effects which can be achieved.



There is a special FURSE track for the purpose, and the Control is generally similar to those described in the centre pages of this leaflet. A typical diagrammatic arrangement is shewn above, and we shall be pleased to advise and quote on request, as each requirement needs special consideration.

FRONT EDGE CONTROL FOR CURTAINS



WHERE horizontally opening festoon curtains are required, the smoothness of operation is much improved by having the leading edge of each curtain made rigid, and driven positively by the Curtain Gear Unit.

As individual requirements must receive special consideration we quote to enquiry.

354/2M

F U R S E

Revised Prices of

C U R T A I N C O N T R O L S

Applicable to Leaflet W1A

Type	Motor H.P.	A.C.		D.C.
		3 Ph.	1 Ph.	
PW.25	$\frac{1}{4}$	£70	£75	£75
PW.50	$\frac{1}{2}$	£75	£88	£88
PW.75	$\frac{3}{4}$	£90	£105	£105
PW.100	1	£106	£118	£118
PW.150	$1\frac{1}{2}$	£118	£136	£136
PW.200	2	£136	£162	£162

Extra Push Button Boxes £2.10.0. per set

SW.25	$\frac{1}{4}$	—	£60	—
SW.50	$\frac{1}{2}$	—	£78	—

See Leaflet W1A for
Detailed Specification

OCTOBER 1953