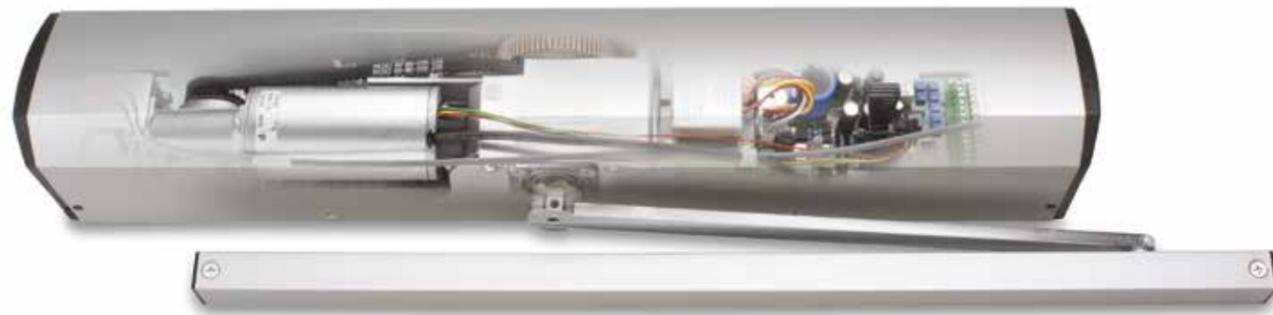


2500 Series – Low Energy Door Operator

The Briton 2500 Series is a power assisted, low energy swing door operator that allows users total freedom from manual door operation. It is designed to provide safe and easy access for all users and can be installed on new or existing inward or outward opening doors.

With an array of built-in safety features, the Low Energy operator is an ideal means of providing easy access from entrance doors through to disabled WC facilities.



Unit with slide track arm for fitting to the pull side of the door.

Adjustments: **1** - Closing speed (from 180°); **2** - Power Boost; **3** - Delayed action from 0 - 30 seconds

The Low Energy operator provides a highly economic solution to the obligation placed on service providers to comply with legislation concerning access for disabled users. This totally self contained unit can be applied to existing hinged or pivoted timber, metal or glazed doors without altering the doors or frames.

Please note, the Briton 2500 Series is suitable for internal doors only.



Easy access, safe and effective

Principal Features & Benefits

- Suitable for internal doors only
- The standard Low Energy operator gives precise door control in all conditions, monitoring the door position and allowing simple adjustment of the door operating parameters such as the opening and closing speeds. In addition, provision is made for extra controls including:
 - Automatic operation mode (selectable option) allows activation by either motion sensor, manual push pad/plate or via an integrated access control device
 - Push & Go (selectable option) allows activation by gently pushing or pulling the door
- Manual operation allows the door to be easily operated as a standard manual door whilst still giving smooth action over the door cycle
- Safety stop halts the door when an object or person is encountered
- Emergency egress allows manual door opening
- Satin anodised aluminium finish

Principal Modes of Application

The Low Energy operator is surface mounted and is suitable for single or double doors.

Two versions are available:

- With projecting arms for fixing to the 'Push' side of the door
- Using a slide track mounted on the door for fixing to the 'Pull' side of the door

Testing & Certification

Fire tested to EN1634 on timber doors to achieve a 1 hour fire rating

Full Declaration of Performance available from our website at:

www.britondops.co.uk



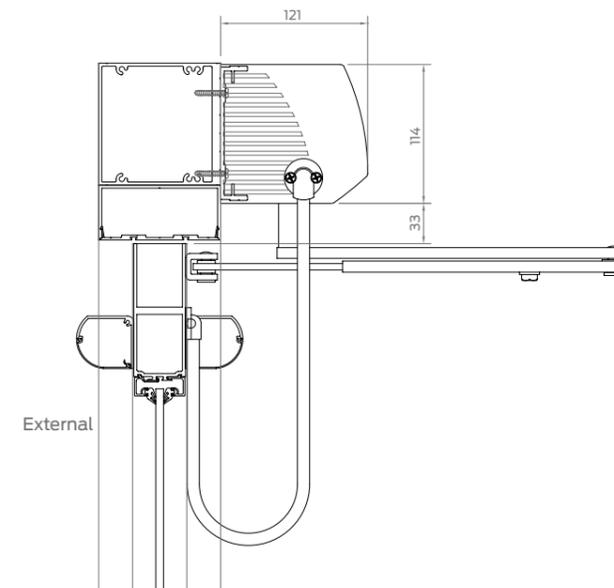
What's in the box?

- Operator Body
- Body Cover and End Caps
- Armset and Brackets/Slide Channel
- Fixing Pack
- Installation Instructions

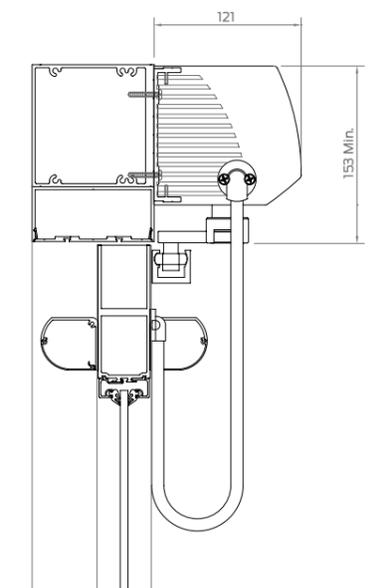
2500 Series - Quick Selector

Product features	Product references	
	2550.C	2550.T.C
CE marked	■	■
Mounted on Pull side of door (with track arm)	■	■
Mounted on Push side of door (with projecting arms)	■	
Maximum / Min. door width *	1200 / 660mm	1200 / 760mm
Maximum leaf weight	80 kg	80 kg
Adjustable opening & closing speed	■	■
Adjustable delayed closing	1 - 30 seconds	1 - 30 seconds
Power requirements	240V ac ± 10%	
Dimensions	Operator 112 x 121 x 710mm	
Guarantee period	1 year	

■ Feature as standard



Unit with armset for 'Outward Opening' doors



Unit with slide track for 'Inward Opening' doors

all dimensions are in mm

Product Ref:	Description	Finishes
2550.C.SA	Power assisted door operator - with projecting arm for mounting on the push side of the door	SE
2550.T.C.SA	Power assisted door operator - with slide track and arm for mounting on the pull side of the door	SE

Accessories

A selection of accessories is available for use with the Briton operator including rubber finger protection and activation buttons. The addition of safety features such as the Allegion Fingersafe ensures compliance with current safety regulations on swing doors. Not suitable for external doors.



Product Ref:	Accessories & Parts	Finishes
2550.CB	Control box	N/A
2550.FG	Rubber finger guard protection	N/A
2550.FPA.ZP	Fixing pack (Arm only) push	SE
2550.MS.B.BL	Bi-directional motion sensor - black	BM
2550.PA.O.SS	Narrow manual activation button - Push to Open - stainless steel	SS
2550.PP.L.PTO	Push pad activation button - Push to Open - stainless steel	SS
2550.PP.S.PTO	Push pad activation button - Slim - Push to Open - stainless steel	SS