SJ138600 Screw Jack Opener

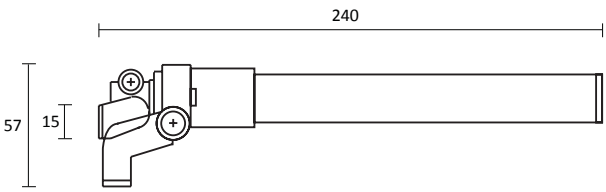
Manual Window Controls

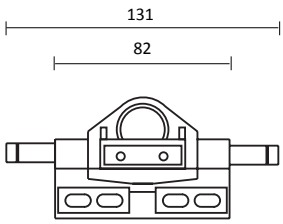
PRODUCT INFORMATION

This strong and rigid screw jack actuator gives great opening power, perfectly suited to single or multi-operation of banks of medium-sized (>500mm) and heavier casements. It's particularly useful for controlling the opening pitch of roof lights, as well as operating top-hung windows and horizontal pivoting windows. One thing to bear in mind is that, depending on the application, there can be a lot of spent travel to accommodate (see page 4). This will need taking into consideration with the positioning of the system.

- Sill-mounted screw jack used with T200 maxi handle
- High-powered opener strong enough for use on heavy casements
- Maximum opening stroke: 380mm
- Available in white

TECHNICAL DRAWINGS





WINDOW TYPE

Roof Vent

Horizontal Pivot

COMPATIBLE WITH

Maxi Handle Operator
See Page 10

PART NUMBERS

Colour	Stroke	Part Code	Box Qty
White	380mm	THL13860	25

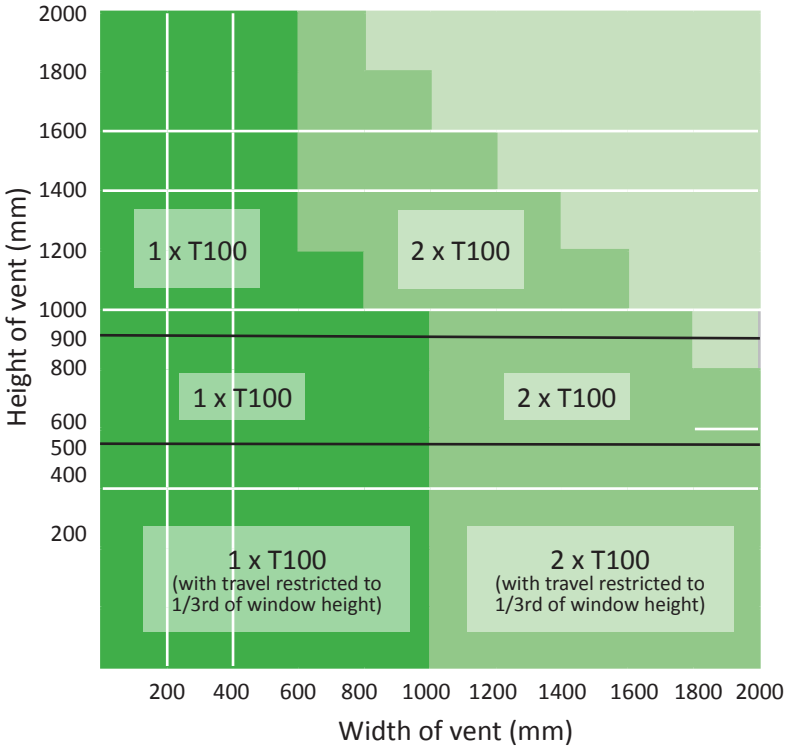
Installation Guidance
Manual Window Controls

Minimum window height for full 250mm travel of T100 - 500mm

Chain openers fitted on windows less than recommended height must have opening restricted to 30% of the vent height using the T700 spring stop or T720 brass stop to shorten the cable run.

For safety reasons we recommend fitting side support stays to all bottom-hung, open-in windows. For bottom-hung applications you must fit the THL8200/0/1/5 fixing kit (see page 6) (sold separately).

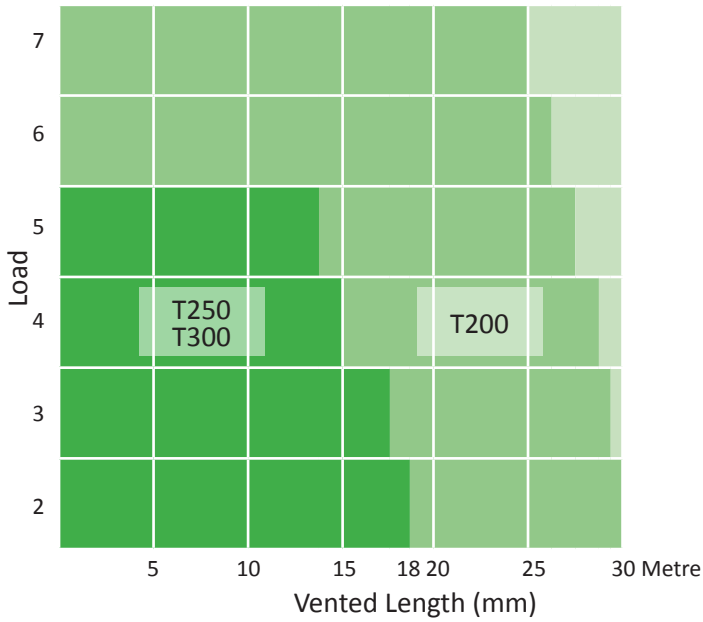
NUMBER OF OPENERS PER VENT



MAXIMUM CONTROL RUN

OPERATOR	MAXIMUM CONTROL RUN
T200	30 metres
T250	18 metres
T300	18 metres

TYPE OF OPERATOR



LOAD = No. of chain openers + No. of bends in conduit

The above figures are based on a single bend in the conduit path. For each additional bend deduct 1 metre from the Vented Length total.

The figures used in these charts are based on windows with 4mm double glazed units fitted to butt hinges or free pivots, not friction stays. Please refer to our sales or technical department for advice if friction stays are fitted.

SPENT TRAVEL CONDUIT

To allow for the forward/backward movement of the inner cable, a length of "spent travel" conduit must be fitted at either end of the control path i.e. past the last chain/screw jack and below the operator (except the T250 midi operator (see page 9) which has an integral "spent travel" tube).

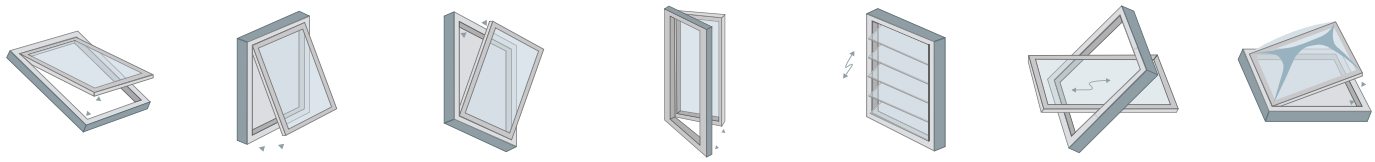
TYPE OF OPERATOR	SPENT TRAVEL CONDUIT
SJ138600 Screw Jack	2.5m (for full 380mm travel)
T100 Chain Opener	0.3m

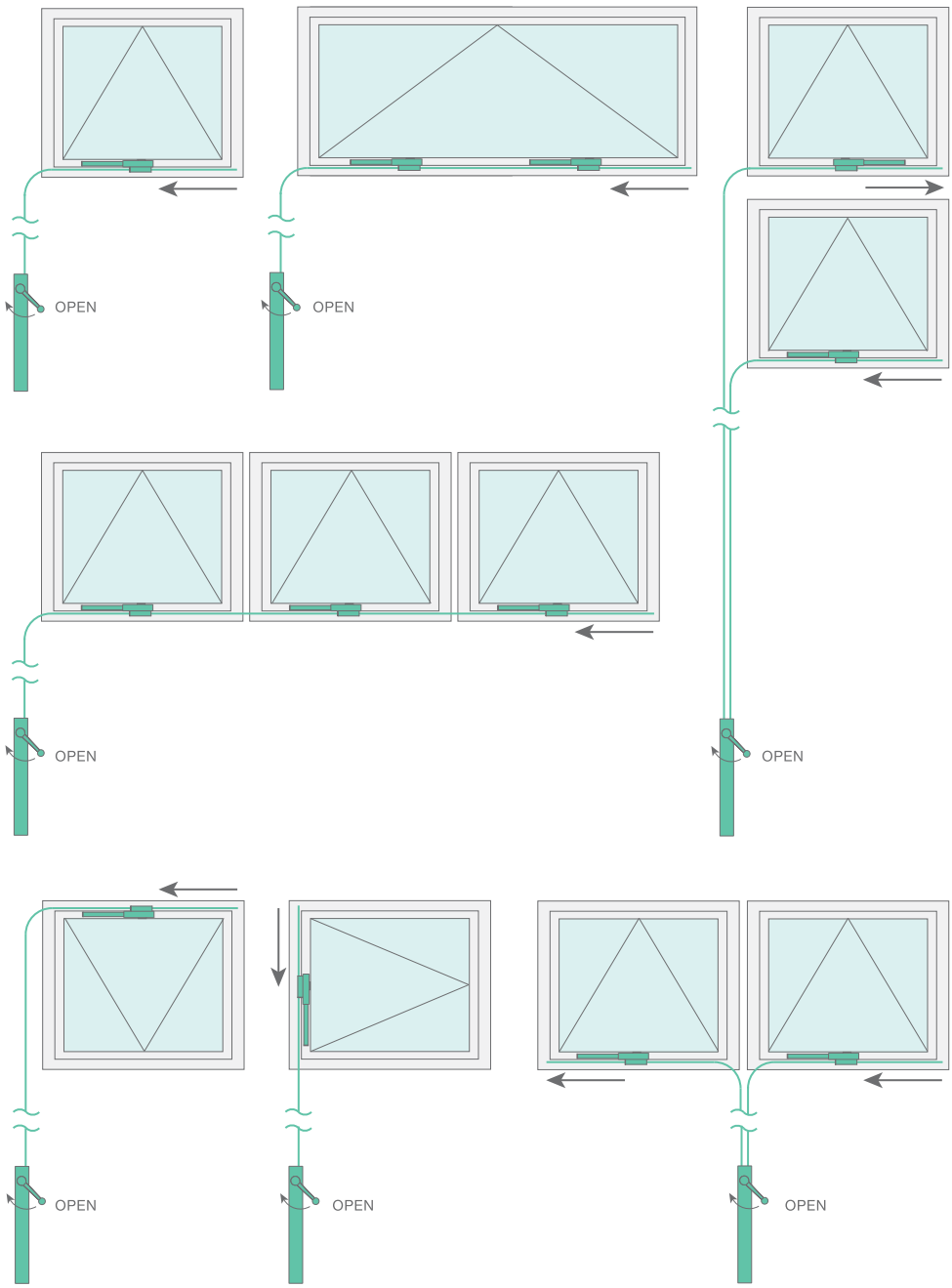
Window Types & Installation Examples

Manual Window Controls

HIGHLINE® WINDOW CONTROLS

WINDOW TYPES



Roof Vent or Roof Light | Top-hung Awning | Bottom-hung Hopper | Side-hung Casement | Louvre Jalousie Window | Horizontal Pivot | Dome

INSTALLATION EXAMPLES