Roller Blind Systems
Electrically Operated Roller Blind System

Silent Gliss® 4880

Product Information

- Very heavy duty motorised Roller Blind system. Ideal for contract use.
- With Silent Gliss 4880, extremely large windows can be covered by one single motorised system.
- Patented Silent Gliss Quick Twist permits easy on-site adjustments of the headrail to minimise fabric roll off (only available on systems up to 4m wide).
- Adjustable stainless steel bracket set: the vertical adjustment facility enables the fabric to be easily aligned with the window frame, or the system with the ceiling on-site using only a screwdriver.
- Pre-fitted hook-on stainless steel plates take the weight of the blind during final positioning of the brackets. These are each laterally adjustable sideways by up to 18mm.
- The blind is then conveniently fitted from below (especially important in a blind box situation).
- Electronic end stop.
- Optional side-guide wires with easy fitting and tensioning.
- Bracket covers for neater appearance outside recess.
- For systems over 4m wide a 110mm diameter tube is used to minimise bowing (profile 4957).
Profile and Specification Information

Profile 4901 (80mm tube diameter)

Profile 4957 (110mm tube diameter)

Specification Guide - download from the Silent Gliss Extranet

Silent Gliss 4880 electrically operated roller blind system for very heavy duty applications. Assembled complete with anodised aluminium headrail and stainless steel bracket combination set 4944 incorporating hook on plates to take weight of blind during fitting. Fix to wall/ceiling/inside recess. Incorporating SG patented QuickTwist for easy on site adjustment of the headrail to prevent fabric roll off. Powered 230V 50Hz motor situated left side incorporating a progressive limit switch unit. Provided with 0615 switch and 0766 in-line connector as standard. Fabrics to be selected from Silent Gliss range.

How to Measure

Measurement information with profile 4901 (80mm tube)

A: system width
B: system drop
C: fabric width

Attention: when installing the blind without bracket covers left and right the total system width will be reduced by 30mm (2 x 15mm)

System measures are indicated with bracket covers. Please refer to Maximum Surface Area Chart for exact total maximum measures of system.

Measurement information with profile 4957 (110mm tube)

A: system width
B: system drop
C: fabric width

Attention: when installing the blind without bracket covers left and right the total system width will be reduced by 30mm (2 x 15mm)

System measures are indicated with bracket covers. Please refer to Max. Surface Area Chart for exact total maximum measures of system.
System Dimensions

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>Max. Length</th>
<th>Max. Width</th>
<th>Profile</th>
<th>Max. Surface Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>4m with 4901 tube</td>
<td>4.88m</td>
<td>50cm</td>
<td>4901</td>
<td>49.01m²</td>
</tr>
<tr>
<td>5m with 4901 tube</td>
<td>4.95m</td>
<td>70cm</td>
<td>4901</td>
<td>49.57m²</td>
</tr>
<tr>
<td>9m with 4957 tube</td>
<td>9.00m</td>
<td>70cm</td>
<td>4957</td>
<td>9.00m²</td>
</tr>
<tr>
<td>12m with 4957 tube</td>
<td>12.00m</td>
<td>70cm</td>
<td>4957</td>
<td>12.00m²</td>
</tr>
</tbody>
</table>

Maximum surface area chart

The maximum surface always depends on available fabric widths and fabric weight. As of a width of 4m the system 4880 is supplied with the profile 4957 (110mm tube).
System Options

Side guides for stabilizing blind system

Fitting Information

Bracket positioning and basic fitting features

Silent Gliss Quick Twist (patented)

Adjustment feature for fabric rolling off adaptations.

Patented Silent Gliss Quick Twist permits easy on-site adjustments of the heatrail to minimise fabric roll off (only available on systems up to 4m width, using the 80mm tube 4901.)
Hook-in installation plates

The brackets can be laterally adjusted by up to 18mm.
Specially designed pre-fitted hook-in plates (A) take the weight of the blind during final positioning (B) of the brackets.

Adjustable stainless steel bracket set (for vertical adjustments)

Vertical adjustment of the system (A) allows the headtube to be levelled.

Fitting Options

Ceiling fix (profile 4901; 80mm tube)

The fitting key parts shown above are part of bracket set 4949.
Ceiling fix (profile 4957; 110mm tube)

The fitting key parts shown above are part of bracket set 4949.

Recess fix (profile 4901; 80mm tube)

The fitting key parts shown above are part of bracket set 4949.

Recess fix (profile 4957; 110mm tube)

The fitting key parts shown above are part of bracket set 4949.

Wall fix (profile 4901; 80mm tube)

The fitting key parts shown above are part of bracket set 4949.
Wall fix (profile 4957; 110mm tube)

The fitting key parts shown above are part of bracket set 4949.

### Standard Accessories

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0615</td>
<td>Latching switch inc. pattress box</td>
<td>0766</td>
<td>In-line connector (complete/no lead)</td>
</tr>
<tr>
<td>4901</td>
<td>Profile</td>
<td>4902</td>
<td>Profile</td>
</tr>
<tr>
<td>4903</td>
<td>Bottom bar</td>
<td>4907</td>
<td>Bracket cover (146mm)</td>
</tr>
<tr>
<td>4939</td>
<td>Shaft</td>
<td>4943</td>
<td>Acrylic rod (ø4mm)</td>
</tr>
<tr>
<td>4957</td>
<td>Profile</td>
<td>4963</td>
<td>Acrylic rod (ø6mm)</td>
</tr>
</tbody>
</table>

### Sets

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>4949</td>
<td>Bracket set, containing</td>
</tr>
<tr>
<td>4904</td>
<td>Bracket (131mm) 2</td>
</tr>
<tr>
<td>4905</td>
<td>Plate</td>
</tr>
<tr>
<td>4902</td>
<td>Profile</td>
</tr>
<tr>
<td>4903</td>
<td>Bottom bar</td>
</tr>
<tr>
<td>4939</td>
<td>Shaft</td>
</tr>
<tr>
<td>4957</td>
<td>Profile</td>
</tr>
<tr>
<td>4966</td>
<td>Special screw 1</td>
</tr>
</tbody>
</table>

### Optional Accessories

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0578</td>
<td>Pattress box</td>
</tr>
<tr>
<td>3036</td>
<td>Bracket (47mm)</td>
</tr>
<tr>
<td>3133</td>
<td>Bracket cover (60mm)</td>
</tr>
<tr>
<td>3134</td>
<td>Extension bracket (60mm)</td>
</tr>
</tbody>
</table>
Motorization

Motor Silent Gliss 0780

- Torque: 20 Nm
- Voltage: 230V
- Frequency: 50Hz
- Power: 140W
- Current: 0.65A
- Speed: 12rpm
- Thermal overload protection
- CE Standard
- Mechanical end stop
- Weight: 1.95kg

Operating Methods

Operation with System 0450 Radio Controls

The Silent Gliss System 0450 allows the System 4880 to be operated via fixed switch or hand-held remote controls. For more information on the wide range of controls refer to the Switches section of this catalogue.
Operation via fixed switch

Relays (5736) must be used if **multiple systems** are connected in parallel.

When using the Fixed Switch control for multiple blinds, when operating simultaneously the blinds may not necessarily stop at precisely the same intermediate point. Top and bottom levels can be preset in alignment.

If this is a requirement of the system then it is recommended that System 0450 Radio Controls is used with individual and simultaneous switching.

Wiring and Connections

**Important:** Wiring Diagrams are available on the Silent Gliss Extranet. Please contact Silent Gliss for information on access.