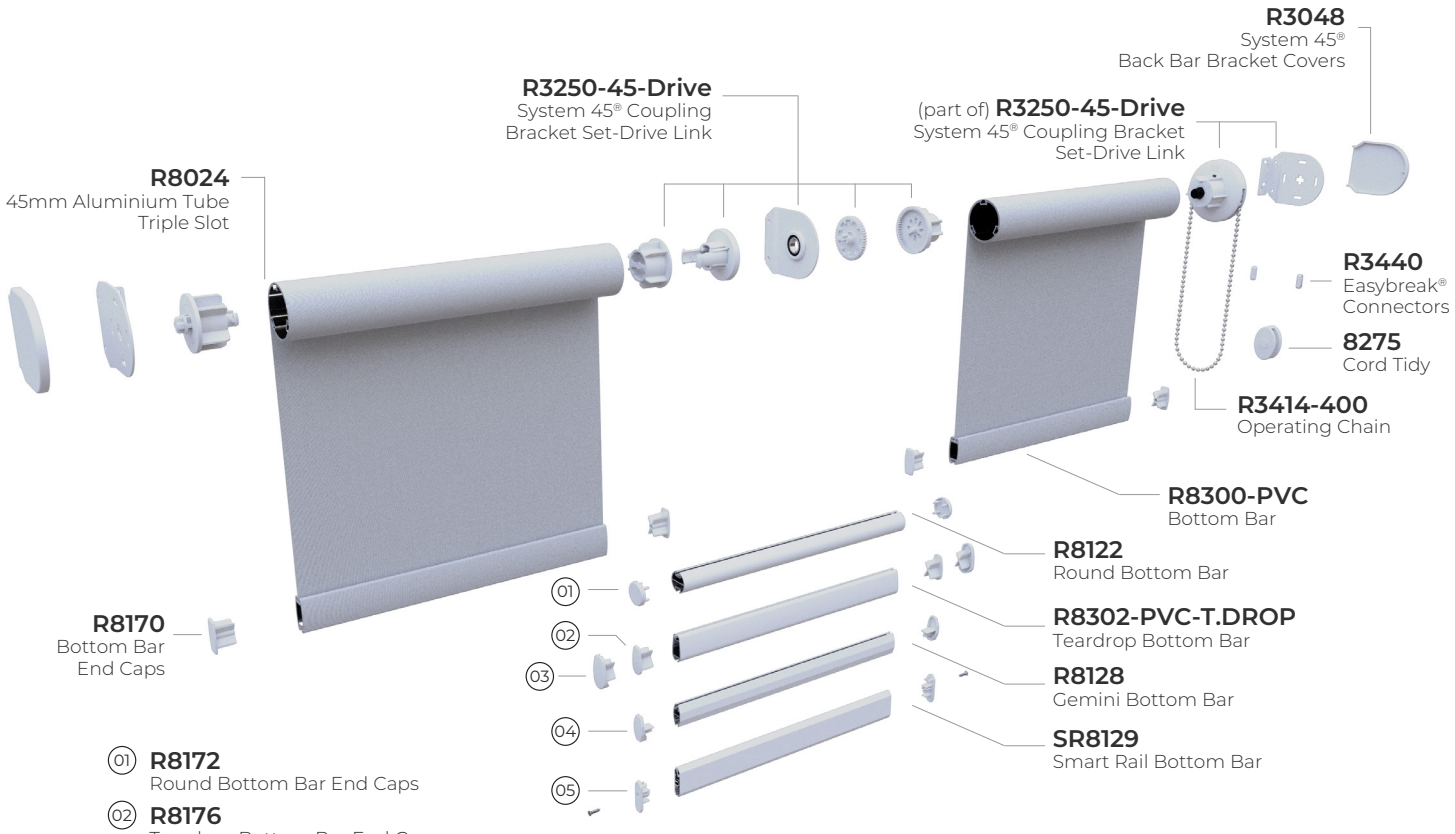
SYSTEM 45® ROLLER SYSTEM
WITH DRIVE LINK COUPLING BRACKET SET



01 **R8172**
Round Bottom Bar End Caps

02 **R8176**
Teardrop Bottom Bar End Caps

03 **R8162**
Teardrop Wrap Around
Bottom Bar End Caps

04 **R8160**
Gemini Bottom Bar
End Caps

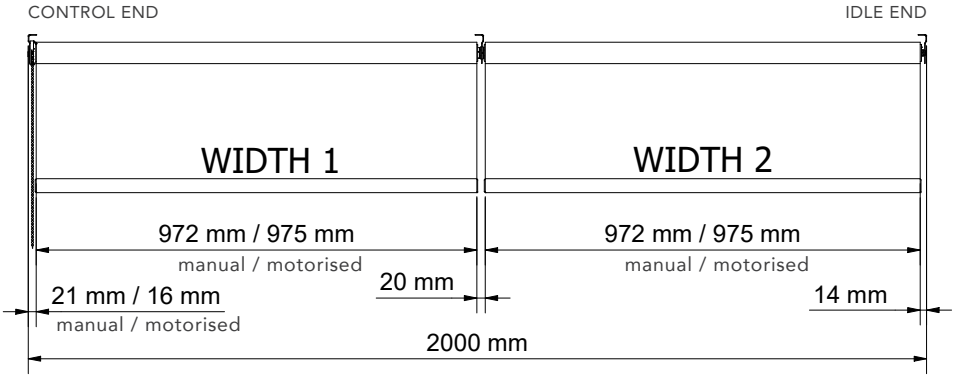
05 **SR8175**
Smart Rail Bottom Bar End Caps

SYSTEM 45® ROLLER DRIVE LINK

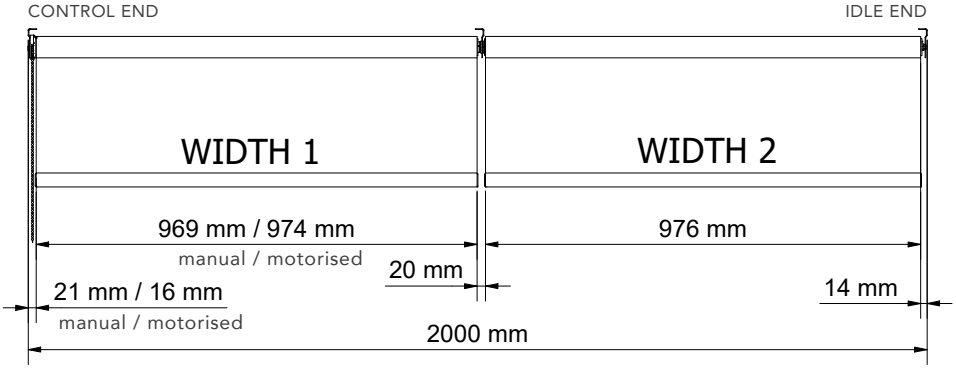
- Designed and manufactured in the UK, all Louvolite systems are 10 year life cycle tested to ensure long lasting performance.
- System 45® Drive Link coupling brackets set joins multiple blinds together with a shared single control mechanism, allowing blinds to be raised or lowered simultaneously.
- Manufactured using high quality engineering grade polymer.
- The maximum holding weight of the full drive with blind is 12lb.
- Motorise with Louvolite One Touch® lithium rechargeable series using a 40mm tube: R2120 DC, R2125 DCM, R2130 DC, R2135 DCM or hard wired R2150 AC, R2155 ACM, R2160 AC.

SYSTEM 45® DRIVE LINK ROLLER

Drive Link Two Equal Blinds



Drive Link Two Unequal Blinds



SYSTEM 45® DRIVE LINK ROLLER MOTORISED

SYSTEM	MOTOR	OPERATION
System 40®/45®	2000 DC SERIES - R2120 DC	RF Remote Control/Smart Control/BT
	2000 DCM SERIES - R2125 DCM	RF Remote Control/Smart Control/MATTER
	3000 DC SERIES - R2130-DC	RF Remote Control/Smart Control/BT
	3000 DCM SERIES - R2135 DCM	RF Remote Control/Smart Control/MATTER
	2000 AC SERIES - R2150 AC	RF Remote Control/Smart Control/BT
	2000 ACM SERIES - R2155 ACM	RF Remote Control/Smart Control/MATTER

LOUVOLITE SIDE CONTROL SYSTEMS MAXIMUM BLIND SIZE

SYSTEM	FABRIC GROUP	BLIND WIDTH (m) FOR BLIND DROP (m)						40HD	MAX HOLDING WEIGHT
		0.5	1.0	1.5	2.0	2.5	4.0	3.5	
System 45®	up to 200g/m sq 200 > 320g/m sq 320 > 485g/m sq	6.0 4.75 6.0	6.0 4.75 6.0	6.0 4.75 6.0	6.0 4.75 5.0	6.0 4.75 4.0		6.0 5.0 3.5	12lb blind at 9mm deflection
System 55®	up to 200g/m sq 200 > 320g/m sq 320 > 485g/m sq						4.5 2.80 1.85		24lb blind at 6mm deflection

System 55® Easi Lift™ is recommended for use on all blinds over 10lbs (4.5kgs) to give optimum performance. Can also be used for 75mm (3") fascia.

Your Louvolite Distributor

CI/SfB 1976 reference by SfB Agency (76.7) X

For more information view the online pdf at www.louvolitecommercial.com/systems/

HARDWARE SPECIFICATION

System 45® Roller System

Our roller blinds are manufactured using the Louvolite System 45® roller blind mechanism with specifically designed grooved 45mm aluminium tubing. The specified fabrics are formed and held into the tube with locking tape. The side control units are made from glass filled Nylon 6, with an acetal sprocket and sprocket guard, and includes a locking spring.

The operating chain, No. 10 size in metal or plastic, ensures reliable performance, and improved chain location enables quick and easy on-site adjustment. The mild steel brackets are zinc plated and powder coated, suitable for top, face or side fixing.

A spring plunger end mechanism is positioned at the opposite end to the control unit, providing a more secure fit of the blind and smooth operation. The side control unit is fitted with a centre plug that ensures the mechanism operates smoothly even under extreme loads.

Colour spec: White RAL 9010, Black RAL 9011

A spring plunger end mechanism is positioned at the opposite end to the control unit, providing a more secure fit of the blind and smooth operation. The side control unit is fitted with a centre plug that ensures the mechanism operates smoothly even under extreme loads.

Performance

To ensure a positive performance, all Louvolite Roller System units are designed and manufactured in the UK using prime quality plastic materials and a dedicated steel locking spring. The sidewinders will lock into the bracket with the unique bracket securing pin for safety after installation.

10 year life cycle testing is done to ensure long lasting performance.

Operation

Using manual or motorised operation, all blinds must be compliant with the child safety elements of BS EN13120. Where children may be present, the chain must be fitted with easybreak connectors or a cord tidy.

Bottom Bar

Teardrop, made of aluminium or pvc, can be single or double wrapped in fabric or left exposed, while circular and the dual face Gemini, made of aluminium, only have the fabric formed and locked into the top part to leave the bar exposed. All fabric is formed and held into place with locking tape. The dual face Gemini bar, smooth on one side and angular on the other, improves the ease of manufacture and use of thicker laminate fabrics.

Maintenance

All of the System 45® roller blind system components are manufactured using aluminium, treated steel and plastic. They do not present any corrosion problems in normal environments. The system has been designed for a smooth operation, together with a rigidity to prolong the window blind's working life. Manufacturing size restrictions are included in this specification brochure.

Additional Option - Cassette

Roller blinds with a specially designed powder coated cassette system with dedicated top, direct or face fix brackets. On specification the user has the choice between a single coloured extrusion in dedicated colours or a fascia which incorporates the same fabric or contrasting fabric used on the roller blind.

NOTES