puma

Folding-Arm Awning
SwingLine Range



Description:
Folding Arm Awnings, such as the Puma, are growing in popularity in the domestic market to cover patio areas. They are widely used in commercial installations especially in the retail, restaurant and leisure industries. A major benefit of awnings is that they are very compact when retracted.

The cassette folding-arm awning is a totally enclosed system, which protects the cover when the awning is retracted, which is usually incorporated in the front elevation of the shop premises.
Awnings can be operated manually, using a removable winding handle, or electrically using a motor in the roller. Operation can be by a simple wall mounted switch or by remote control. Wind vibration sensors are highly recommended; these automatically retract the awning according to the weather conditions e.g. the awning is retracted automatically if the wind speed exceeds a particular level.

The Puma effectively protects both the fabric and mechanism, providing a long awning life. Sophisticated shaped end caps maintain the smooth design. Top quality material and precision craftsmanship guarantee perfect functioning and longevity. For example, only achromatized aluminum and rustproof A2 screws and nuts are used. The well designed components ensure a fast and problem free assembly. The stylish, high strength extruded brackets guarantee simple and fast mounting fitting, even on difficult facades.

Specification:
A full cassette, slimline awning, available in sizes up to 5000mm in width x 1500mm – 3000mm in projection.

Application:
Domestic and light commercial installations.

Benefits:
Elegant slimline design, with the awning fabric protected by the cassette.

Technical Detail:

- Width (mm): Up to 5000 in a single section with 2 folding-arms.
- Projection (mm): 1500, 2000, 2500, 3000.
- Standard RAL colour: White (9010).
- Corrosion resistant, powder coated, extruded aluminum hardware.
- Stainless steel components.
- Slim, flush cassette, ensuring that the fabric and components are protected from weather when retracted.
- Fully adjustable pitch settings from 0° to 75° for the ultimate sun protection, 365 days a year.
- 2 x 4mm tear resistant steel cables sheathed in a highly flexible plastic material to protect against corrosion and damage, guaranteeing at least 25,000 arm operations.
- TUV quality marked, CE safety marked, complying with CEN standards.

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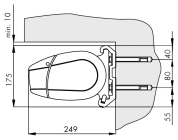
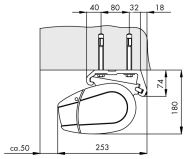
Size Data:

> Width (mm) v Projection (mm)	2000	2500	3000	3500	4000	4500	5000	Minimum Width (mm)	Maximum Projection (mm)
1500	*	*	*	*	*	*	*	1880	1500
2000	-	*	*	*	*	*	*	2380	2000
2500	-	-	*	*	*	*	*	2880	2500
3000	-	-	-	*	*	*	*	3390	3000

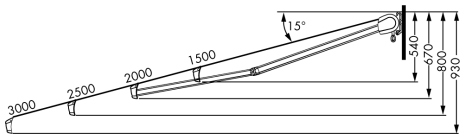
Maximum size = 5000mm width x 3000mm projection.



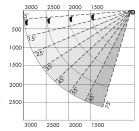
Face-Fix



Top-Fix



Pitch Settings



Projection Settings

Safety Specifications:

All James Robertshaw awnings are designed and manufactured in conformity with the provisions of the EN 13561 standard. However, through non-observance of the corresponding user guides during operation of these systems, dangers for persons or impairment to the product or other items may occur.

Bracket Requirements:

The Puma requires behind the arm locations. I.e. 2 arms = 2 brackets.

Wind Resistance:

Depending on the quality of the product, folding-arm awnings are classified according to DIN EN 13561 point 4.3 into wind resistance classes. The higher the wind resistance class, the higher the quality of the product.

Wind Resistance Class	Description	Beaufort Scale Wind Force	Wind Speed
Class 0	Undefined; product untested or unsuitable.		
Class 1	Gentle Breeze	4	20-27km/h
Class 2	Fresh Breeze	5	28-37km/h
Class 3	Strong Breeze	6	38-48km/h

Please find below the wind resistance class of the Puma folding-arm awning.

Projection	1500mm	2000mm	2500mm	3000mm
Wind Class	3	3	2	2

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