

Specification

GJ-MW Triangular Series

Applicable product type(s):

- GJ-MW Triangular Series
 - 2000R right handed triangular system
 - 2005 middle track triangular system
 - 2000-S triangular system with middle cord(s)
 - 2000-U unequal triangular system with middle cord(s)

1) This series can be produced with different cassettes.

Product description:

Tensioned screen systems with aluminium powder coated or anodised profiles (cassette, side channels and hem-bar profile), steel tube with innertube and spring mechanism, electric tubular motor and a polyester coated (PVC) fabric. The systems are equipped with high quality Dyneema cords of 3 mm.

Intended use:

To provide shading, darkening and/or another agreed purpose for the window, conservatory, skylight and/or opening. These systems can be installed internally or externally depending the type, fabric choice, installation and usage.

Dimensions:

- 2) The mentioned dimensions are indicative sizes, this can depend on various factors such as the installation, fabric, etc.
 3) The 125 cassette is only for interior applications or when the cassette is installed on the highest side due to possible water inlet.
 4) The width and draw published is depending on the angle, application and installation.

Cassette:	125 ⁽³⁾	MW	NC	Notes:
Min. width:	800 mm	800 mm	800 mm	Depending the motor type and draw Smaller possible on request
Max. width:	5000 mm	6500 mm	7000 mm	Limitations may be applicable Wider only on request
Max. height/draw:	4500 mm	6000 mm	7500 mm	Limitations may be applicable Higher on request
Min. angle:	25	30	30	Shallower angles on request

Installation:

- ✓ Top-down
- ✓ Bottom-up
- ✓ Horizontal, angled
- 5) Additional support tubes required
- ✓ Interior and exterior

Applications:

- Shading
- UV Protection
- Light, heat & energy control
- Glare control
- Acoustic isolation
- Thermic isolation
- Darkening (opaque)
- 6) Special notes for darkening are applicable
- Privacy

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System details:

Cassette:	125 mm 200*145 mm 210*160 mm	125 MW NC	Square Rounded Square	<i>Interior or “dry” use</i>
Hem-bar:	23*44 mm	SP		
Side channels:	38*50 mm	MW		
Cords:	3mm Dyneema®			
Cord colour:	standard in black, on request in light grey possible			
Installation:	direct, with bracket, profile or distance feet			
Finish:	RAL colour RAL structured Anodized	most colours available in matt and semi-gloss various colours available		
Special finish:	Super durable, seaside, etc. on request (against surcharge)			
Fixings:	All fixings used in the systems are made of A2 stainless steel			
Motorisation:	Electric 230V Electric 120V Battery 12/24V	Standard with Becker E12 or C12 (radio centronic) motors SMI optional with Becker S12 motors <i>on request</i> <i>on request</i>		
Control:	Wired (E12) or radio (C12), Somfy RTS/IO control only on request possible KNX via Becker S12 and KNX/SMI Actuator			
Motor cable:	2.5m, 5m, 10m, white or black			
Motor connectors:	Various possible			



Fabric options:

- 7) Other fabrics are not possible due to diagonal stability required.
- 8) For official values, deviations and testing standards we refer to the information available from the suppliers.
- 9) Preferred supplier/ or preferred fabric indicates to most optimum fabric option for this system type with regards to durability, tension, aesthetics, etc.

Supplier:	Screen:	Opaque:
Serge Ferrari	Soltis Horizon 86 (ca. 14% OF) (max. 15m ²)	267 cm*
	Soltis B92 Opaque (100.000 Lux)	170 cm
	Soltis Perform 92 (ca. 4% OF) (preferred fabric)	267 cm*
	Soltis 6002 Opaque (30.000 Lux) (max. 8 m ²)	300 cm

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Other information:

Tolerances:	-/+ 2 mm in all directions
Maximum run time:	4 minutes
Cycles:	Tested for minimum 10.000 cycles (when cleaned and serviced)
Blackout:	100% blackout is theoretically impossible, we use the word darkening
Aesthetics:	Some waviness and wrinkling is always expected (e.g. at the zipper)
Fabric tension:	We strive for the highest fabric tension but depending the size and installation sagging can occur
Weld(s):	Diagonal welds required to increase the fabric stability
Carbon stiffener:	Often mandatory to increase the fabric stability
Noise:	The motor and spring mechanism produces noise during operation
Operating temperature:	3-55° Celsius
Wind sensor:	Mandatory in case of automatic operation
Rain sensor:	Mandatory in case of automatic operation, system may never be deployed when the cassette (motor) is on the lowest side
Sun sensor:	Not recommended due to continuous operation causing additional wear and noise
Inclination:	Angle of 14 degrees recommended for exterior installations to allow water to flow off
Safety:	See installation and user instructions
Obstacle detection:	Not possible with spring tensioned systems, only possible with gravity drop systems in combination with a suitable motor
Simultaneous running:	Only possible with same sized systems in combination with a suitable motor and control system
Cleaning:	Regular cleaning with neutral agent required
Cleaning fabric:	See instructions of the fabric supplier
Preserving:	Profiles can be treated with wax to extend the lifetime and colour fastness
Servicing:	After the first service (within ca. 2 months of 50 cycles) a yearly service is mandatory
Service logbook:	Mandatory for warranty claims
Repairs:	Contact GJ for instructions
Wind class:	See CE declaration
System warranty:	24 months (when cleaned and serviced)
Motor warranty:	5 years (limitations applicable)

**supplier warranty applicable*

See also the **downloads** section of our website for:

- Instructions
- Order forms
- Information about motorisation
- Information about fabric characteristics
- European Guidelines for the evaluation of product characteristics of awnings
- Guideline for the Evaluation of Product Characteristics of Awnings

Manufacturer:

All fabrics are standard produced by our partner **SolFaction**.

All our systems are assembled and individually tested in the Netherlands, according by the latest CE declaration(s).

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