

BLINDS



ITALIAN STYLE AND QUALITY FOR YOUR HOME

pellini industrie

ABOUT PELLINI

Our ScreenLine® range of integral blind systems is manufactured in Italy by Pellini Spa. The family-run business was founded in 1974 and its commitment to quality craftsmanship and innovation has resulted in technically advanced, high performance products that you can rely on.

ScreenLine® by Pellini Spa, develops and manufactures sun shading systems to be encapsulated within double glazing units, which allow the problem of light and heat gain in buildings to be solved by means of long lasting and maintenance free solutions.

The blind is operated in a totally sealed environment, protected from dust, dirt or weather conditions; the characteristics of traditional double glazing units are preserved, leaving unaltered the hermetic properties of the cavity. All this is made meeting the requirements of the current standards in terms of energy performances of buildings.

Over the years, ScreenLine® has achieved a high number of significant patents, applying them in a wide range of products designed to meet every need related to sun shading; variety of colours, screening, operation and versatility of application.



BEING PERMANENTLY SEALED **WITHIN** THE CAVITY OF THE DOUBLE GLAZED UNITS MAKES UNI-BLINDS UNRIVALLED IN THE CONTROL OF LIGHT AND SHADE, AND THE ONLY VIABLE OPTION FOR LIGHT CONTROL IN BI-FOLDING AND SLIDING DOORS. THE INTEGRAL BLIND SYSTEM ENSURES THAT YOU HAVE ONE OF THE SAFEST BLIND SYSTEMS AVAILABLE.*



*Window blind cords and chains can pose a risk for babies, children and vulnerable people who could injure or even strangle themselves on the hanging looped cords. This potential problem is eliminated by the use of Uni-Blinds®, as the blind is inside the double glazed unit, so effectively away from any misuse or danger. In our corded systems we use an external continuous cord loop that is held permanently against the glass, eliminating any chance of the cord hanging in a loose loop which could be dangerous. Conforms to EN13120 for cord safety.

**ONE CONCEPT:
FIVE CONTROL SYSTEMS
ONE LEAD TIME**

10 DAYS FROM 11AM ON ANY FRIDAY



**C SYSTEM
MAGNETIC MANUAL CONTROL**

All our Uni-Blinds® systems feature the world's number one integral blind system ScreenLine®. The SL20-22C is a patented magnetic system with manual operation (raising and tilting function) for Venetian blinds incorporated within 20mm or 22mm insulating glass units. The external magnetic device, applied on the glass by means of high-resistance adhesive tape contains a cord loop and a magnet that is perfectly interfaced with the magnetic joint of the internal drive, which is completely housed inside the head rail. The cord is kept under tension by means of a special cord tensioner applied to the glass. This magnet principle does not compromise the unit seal and guarantees the integrity of the double-glazing unit.



**SV SYSTEM
CORDLESS SLIDER**

The ScreenLine® SL20SV system is a manually operated sliding Venetian blind which features a single, cleverly designed magnetic slider to control the whole operation. Positioned on a narrow slide guide on the edge of the sealed unit, the cordless magnetic slider allows the blind to be raised, lowered and tilted effortlessly.



**S SYSTEM
SLIDER**

The ScreenLine® SL20-22S is a manual system comprising a 14mm pleated blind integrated within a double glazed unit with 20mm or 22mm cavity. The blind movement is achieved by a magnetic device positioned centrally on the outer surface of the internal pane sliding across the glass surface. This external magnet interfaces with a similar internal magnet located in the movable headrail to absorb possible glass deflections. The blind can be adjusted at any inclination and raised in all directions, making it an ideal system for attic, dormer and skylight applications.



**W SWIPE SYSTEM
SOLAR POWERED**

The SL20-22W-Swipe Uni-Blinds® system with ScreenLine® inside is a battery operated, motorised blind system. With this system, a Venetian or pleated blind encapsulated within a double glazed unit can be raised or lowered via a control device magnetically attached to the window or, more comfortably, by remote control. The system operates with standard, long-life rechargeable batteries and is equipped with a cleverly designed external energy saving solar panel.

The system can be fitted quickly and easily and can be applied to all types of window frames, even existing ones. No wires of electrical contacts are required and internal glass thickness is irrelevant. It is equally suitable for residential and commercial environments as it needs no maintenance.



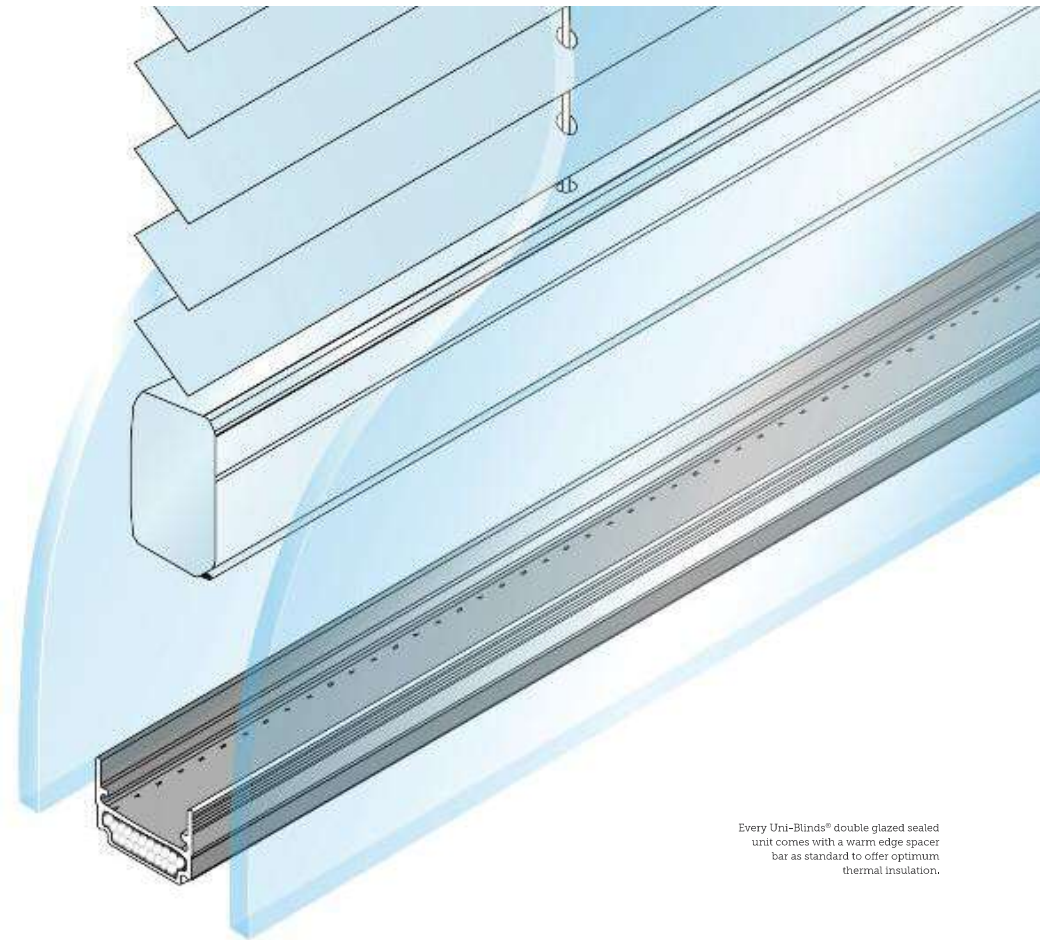
**MB SYSTEM
MOTORISED BRUSHLESS**

The addition of a brushless motor is a significant improvement on previous electrical systems used for raising/lowering and tilting integral Venetian or pleated blinds. It allows (by means of an encoder) the simultaneous and synchronised operation of several blinds and the accurate tilting of the slats. No other control device is applied on glass or window frame, since the motor is activated by means of wall-mounted push buttons or remote control (options). Manufactured from high quality materials, coupled with the purity of aesthetic appearance and technical excellence, the SL20-22MB system is particularly suited to prestigious projects, especially the exclusive contemporary domestic market.

**ONE CONCEPT:
FIVE CONTROL SYSTEMS
ONE ENERGY EFFICIENCY BAR**

ENERGY EFFICIENCY - BUILT-IN

- All Uni-Blinds® feature a warm edge spacer bar to ensure the thermal insulation of the sealed unit is maximised.
- This stainless steel spacer bar is co-extruded with polypropylene to enhance the benefits of all ScreenLine® integral blinds systems with energy saving qualities - all within the perfect hermetic seal.
- Reduces the generation of humidity on the glass perimeter.
- Improves the thermal insulation of the profile due to its low thermal conductivity.
- Ensures a low Psi value (halving heat transmission through the perimeter compared to a standard extruded aluminium spacer bar).
- Reduces the thermal transmittance value of the window, irrespective of the material used for the frame.
- Our dedicated integral blind warm edge spacer is available in black as standard or light grey upon request.



Every Uni-Blinds® double glazed sealed unit comes with a warm edge spacer bar as standard to offer optimum thermal insulation.

WILL THEY MATCH MY COLOUR SCHEME?

Uni-Blinds® come in a range of colours, with Venetian blinds being available in 10 colours to complement your chosen colour scheme.

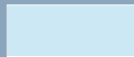
AVAILABLE IN A RANGE OF COLOURS



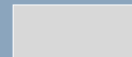
S102 WHITE
Solar reflection 70%
Light reflection 78%
Solar absorption 30%



S125 BEIGE
Solar reflection 57%
Light reflection 63%
Solar absorption 43%



S142 LIGHT BLUE
Solar reflection 65%
Light reflection 69%
Solar absorption 35%



S155 GREY
Solar reflection 42%
Light reflection 48%
Solar absorption 59%



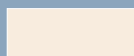
S157 SILVER
Solar reflection 43%
Light reflection 44%
Solar absorption 57%



S106 YELLOW
Solar reflection 62%
Light reflection 72%
Solar absorption 38%



S130 GREEN
Solar reflection 58%
Light reflection 65%
Solar absorption 42%



S149 CREAM
Solar reflection 68%
Light reflection 75%
Solar absorption 32%

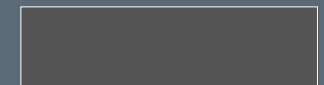


S156 METALLIC SILVER
Solar reflection 65%
Light reflection 62%
Solar absorption 35%

Swatches available on request.

EXCLUSIVE NEW COLOUR ANTHRACITE GREY

RAL 7016 - only available from Morley Glass



S159 ANTHRACITE
Solar reflection 12%
Light reflection 13%
Solar absorption 88%

MANUAL CONTROL LIGHT AND SHADE WITH THE C SYSTEM

The SL20C system is manufactured in accordance with the highest technical specifications and production standards.

The slat raising, lowering and tilting function is achieved using a rotational magnetic transmission through the glass thereby guaranteeing the unit's hermetic seal.

We are the only UK company able to supply this system within 10 working days.*



Blinds open.



Blinds partially closed.



Blinds fully closed.

MAIN FEATURES

- Suitable for all vertical window applications
- Ideal solution for conservatory shading
- Total privacy and light control for folding sliding doors
- Gives excellent utilisation of partitioned office space
- Suitable for retro installation into existing frames
- Only viable option for bi-folding doors

DELIVERED
EXCLUSIVELY
WITHIN
10 WORKING
DAYS*



*Based on order placed on a Friday before 11am.

DESIGNED TO MAXIMISE YOUR OPTIONS FOR LIGHT AND SHADE CONTROL

The external magnet, fixed to the internal glass by double-sided high performance adhesive, allows perfect alignment with the internal magnet.

Raising and lowering is controlled using a continuous cord loop that drives the external magnet. The cord is held lightly under tension by a cord tensioner and fully complies with 'make it safe'.*

*Campaign in association with the British Blind and Shutter Association code of practice



Feasibility chart

		Glass thickness (mm)	
6-331	Direct internal control	1,80	2,20
	Reduced internal control		
4-5	Direct internal control		2,20
	Reduced internal control		
		Maximum area (m ²)	
		0,00	0,50
		1,00	1,50
		2,00	2,50

with W = from 300 to 350mm Max H = 850mm
 with W = from 351 to 400mm Max H = 1550mm
 with W = from 401 to 450mm Max H = 1950mm
 Max W 2000mm Max H = 2500mm



BE IN FULL CONTROL OF THE LIGHT IN YOUR HOME

So how are they actually operated? There are several different ways in which they work, and it is really down to preference.

Venetian Blinds can be operated by a rotational cord winder attached at the top of the room-facing pane of the double glazed unit (as can be seen in the picture), or by a 'wand' (a small pole attached at the top to the room-facing pane of the double glazed unit) which is twisted to open and close the blind.



FULLY AUTOMATED PRECISION CONTROL WITH THE MB SYSTEM

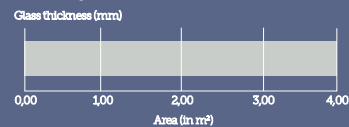
Manufactured using high quality materials, this technically excellent system looks great whilst operating to the highest standard. The electric brushless motor quietly raises, lowers and tilts the integral blinds safely, smoothly and with precision. This system is ideal for exclusive domestic properties encapsulated within 20, 22 and 27mm cavity double glazed units.

The motorised Venetian or pleated blind has an internal motor integrated within the blind head-rail and incorporates a micro-control unit plus encoder, which allows simultaneous, synchronised movements of groups of blinds.



Morley Glass has developed a unique control box for motorised blinds which eliminates installation issues and provides an aesthetically pleasing solution for control at your fingertips. The control boxes are supplied pre-wired and fully tested, making for a smooth problem-free installation. Integration with home automation systems is also possible.

Feasibility chart



Possible dimensions

W min = 300mm W max = 2000mm
H min = 300mm H max = 2600mm

Maximum height possible according to width

with W = from 300 to 350mm Max H = 1670mm*
with W = from 351 to 400mm Max H = 2020mm*
with W = from 401 to 2000mm Max H = 2600mm**

* Up to 2600mm (H), blind supplied with tilt-only function and locked bottom rail

** For areas from 4,01m² to 5,2m², blind supplied with tilt-only function and completely raised

Manufactured from high quality materials, coupled with the purity of aesthetic appearance and technical excellence, the system is particularly suited to prestigious projects, especially the exclusive contemporary domestic market. And now exclusively supplied in 10 working days when ordered on a Friday.

CONTROL AT YOUR FINGERTIPS

For the discerning homeowner who prefers the speed and synchronicity of an automated home, Uni-Blinds® can be operated via the flick of a switch or by RF remote control.





THE W SWIPE IS POWERED AND CHARGED VIA AN EXTERNAL SOLAR PANEL

The system is powered by standard long-life rechargeable batteries and is supplied with a cleverly designed battery charger. A remote control option is also available.

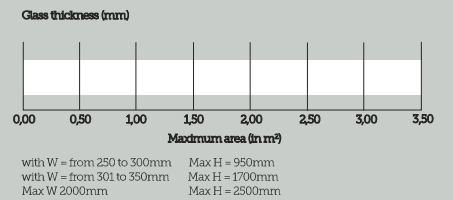
As well as private and domestic situations, this system is particularly suited to commercial installations such as medical and educational environments, offices, schools and colleges.



BENEFITS

- Streamlined installation procedure
- No need for electrician to install
- Hard-wired power supply not required
- Energy saving
- For 20, 22 and 27mm cavity, in Venetian and pleated versions
- Small sized battery module, developed in co-operation with design specialists
- Touch control keys
- Radio remote control supplied as standard
- Batteries recharged by means of a micro-USB connector
- Batteries can be easily replaced

Feasibility chart



WIRE-FREE SOLAR POWERED, ECO-FRIENDLY SIMPLICITY WITH THE W SWIPE

The latest in innovative and ecological Italian design, the W Swipe is a battery operated, motorised blind system utilising Venetian or pleated blinds, encapsulated within a 20, 22 or 27mm cavity double glazed unit. The encapsulated blind is raised and lowered, and in the case of the Venetian blind, slat-tilted via a discreet slide button control which is magnetically attached to the double glazed unit.



OUR NEW W SWIPE BATTERY PACK

SL2380 Battery Module - available in anthracite grey S159

