

Titan

Mega Horizontal Blinds



Description

The pleasure of loft living with light airy spaces can pose a challenge in shading and privacy. Areas originally designed for commercial use demand a robust shading solution. Industrial yet still attractive to a domestic environment.

Titan mega blinds are the ultimate in balance for large glazed areas. Once installed the fully adjustable louvres reduce solar heat gain, control glare, allow privacy with outward vision and ensure the best use of natural lighting.

The sturdy louvres are available in a wide range of colours. For a high tech look silvers or greys or bronze. Whites for a sharper effect or soften the area with pastels. Make a statement with strong blue, red or yellow.

Commercially they are the obvious solution for large glazed areas in curtained walled entrances and facades.

Control

- Solar Gain
- Light Level
- Screen Glare
- Visual Perception
- Proven Technology

Function

- Retractable
- Fully Adjustable
- Auto/ Manual
- Durable
- Aesthetically pleasing



Titan Mega Horizontal Blinds

Slats Range

FLEXI 78- The obvious choice for a finer, more subtle line.

RIGID 80- For the robust industrial look.

AV90- The best for privacy or dim out for AV presentations.

Technical Specification

Slat

Made from special grade aluminium alloy that is designed to give the greatest flexibility with maximum resistance to corrosion. They are roll formed from pre-coated aluminium strip that has been specially treated before enamelling to give maximum bond between metal and the finish. The enamel, in a wide range of colours is then baked to give a finish highly resistant to scratching, fading and cracking. The profiles are 0.45mm thick with a curved or folded form.

Headrail

Extruded aluminium U section 59mm wide x 51mm deep which conceals the operating mechanism and has a silver finish. The rail can also be finished to match the slats.

Bottom Rail

Extruded aluminium section 80 x 21mm standard in white (RAL9010) or natural anodised. Other colours are available to match the slats. End caps are black or grey nylon.

Tilt Bar

Rigid 14mm extruded aluminium fitted through the tape rolls in the headmember, of a dimension to ensure minimal deflection across the width.

Ladderbraid

External grade mini visible Trevira® braid available in black and grey. It is shrinkproof, rot proof and guaranteed fade resistant. Spacing between the ladders is 68mm for Flexi and Rigid, 80mm for AV90.

Lift Tape

6mm wide polyester lift tape in black or grey that is shrink, stretch, break and fold resistant.

Operation

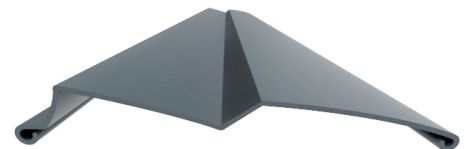
Titan blinds are mono controlled with both tilt and raise/lower on one motor or gearbox. The sequence of the operation is that it first tilts to the closed position and then lowers. Reversing the operation causes the blind to first tilt to the opposite closure before raising. Thus the blind can be fully tilted at any point between fully lowered and fully raised by reversing the control.



Slat S80



Slat F80/50



Slat AV90



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Motorised Control

Motors

The motor is located in the blind headrail. It is 240v single phase with a maximum current requirement of less than 1 amp. It is supplied with a 2m "flying lead". This should be connected to a junction box or plug adjacent to the headrail to facilitate removal for maintenance. 110v motors are also available.

Wiring

The motor has a four core cable, neutral, earth, supply for lower and supply for raise. Wiring diagrams are available for all standard control options.

Switches

A range of switches is available. Before using any other type of switch it is important to confirm with us that it is compatible to maintain the motor manufacturers warranty.

Automatic Control

Multiple operation and control systems are described in our Manual "A Guide to Control Options for Motorised Shading". For operational benefit and maximum energy saving Titan blinds should be automated.

Manual Control

Gearbox

Hardened steel gears running in Zamac casings which produce a smooth operation which is robust and maintenance free. The unit is located at one end of the headrail.

Limit Adjuster

A nylon traveller that is fitted on the tilt shaft with an adjustable stop that is pre-set to avoid damage from over winding.

Universal Joint

A drive from the gearbox exits from the front of the headmember to a universal joint. The standard drive exits at 45°.

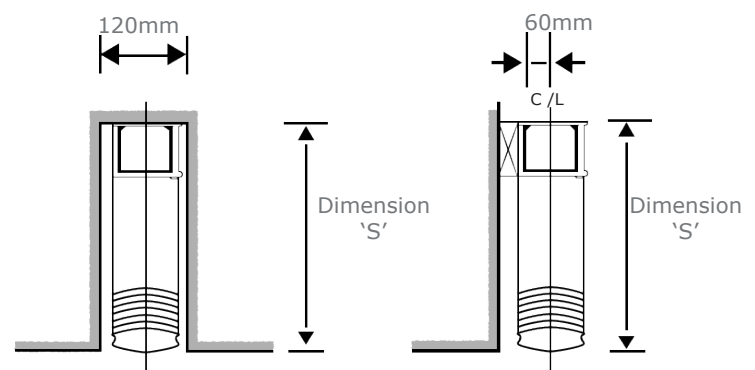
Operating Rod

The joint is connected to a 15mm diameter rod with a cranked end. A nylon magnetic clip retains the rod when not in use.

Maximum size

| Type | Width | Drop | Sq. Area |
|-------|-------|------|----------|
| Rigid | 5000 | 4500 | 12 |
| Flexi | 5000 | 4500 | 12 |
| AV90 | 4000 | 4000 | 12 |

Stacking Sizes to calculate the depth of the blind when raised.



Dimension 'S'

| O/A Blind Drop | Flexi 78 | Rigid 80 | AV 90 |
|----------------|----------|----------|-------|
| 1000 | 120 | 150 | 160 |
| 1500 | 130 | 175 | 220 |
| 2000 | 140 | 200 | 270 |
| 2500 | 155 | 230 | 320 |
| 3000 | 170 | 260 | 360 |
| 3500 | 185 | 290 | 410 |
| 4000 | 200 | 315 | 450 |
| 4500 | 210 | 340 | N/A |

