

TECHNICAL SPECIFICATIONS

ROLLER BLINDS

features and benefits

- decorative and a functional shading solution
- available in a range of fabric alternatives, from translucent to blackout, catering for varying light requirements
- made from colour fast fabrics that have a 6-7 Blue Scale rating (where maximum score is 7)
- available in classic chain drive, linked, dual or motorised for operation flexibility
- durable aluminium tube used in construction with premium quality fabrics for UV resistance and enhanced durability
- available in a variety of trim styles
- this application is perfect for areas where total blackout is required, simply order with side channel and headbox componentry
- some are fire retardant fabrics (see fabric specifications for details)



Applications

- Any installation where heat, light and/or privacy control are required, e.g. offices, common areas, boardrooms, theatre rooms, presentation rooms and laboratories where blackout fabrics can be supplied with side channels for 100% light exclusion.
- Projects where cost-effective window coverings are important.
- Where child safety is paramount motorised Roller Blinds offer a cord-free solution.

Colour Range

There are 19 fabric ranges in the Roller Blinds collection, with the number of colours in each ranging from 3 to 26. Please ask to see the full selection of colours. For large quantities and with sufficient lead-time, custom colours are available.

Durability

Colour fastness of fabric – 6-7 Blue Scale (where maximum score is 7) (AS 2001.4.21)

Energy Benefits

Window Fashions that are tight fitting to the window and made from impervious materials, such as closely woven fabrics, provide one of the most effective ways to prevent heat transmittance through windows. Roller Blinds should be fitted in the window reveal, utilising a headbox and manufactured from blackout or room darkening fabric, preferably with a white or light colour facing the window, for optimum energy performance. Extraflocke and Cambridge fabrics are available in a range of colours, some specifically selected for the Commercial environment and have a neutral flocked backing for superior heat control.

Automated Roller Blinds can be connected to building management systems for optimal control of air conditioning loads and comfort of the building occupants.

Quality

Hunter Douglas Limited is a quality endorsed company, certified as complying with the requirements of AS/NZS ISO 9001:2000.

Australian Made

Some Roller Blind fabrics are woven and coated in Australia by Hunter Douglas Limited. Roller Blinds are made to measure in Australia.

MULTIVISION® Concept

MULTIVISION® is a group of fabrics that are perceived to be the same colour tone, but have different opacities. A number of fabric colours have been selected for the MULTIVISION® Concept. For more information refer to the Hunter Douglas Commercial MULTIVISION® Brochure.

Fabric Specification Overview

All Roller Blind fabrics are 100% polyester or polymer coated glass fibre. Many are treated with DURAGUARD® Fabric Protector and SANITIZED® Antimicrobial Protection.

Hardware Specification Overview

Available in chain drive, spring assist, linked blinds, dual blinds and motorised operating systems utilising aluminium roller tube and hard-wearing UV resistant plastics.

To see how Hunter Douglas Commercial Window Coverings can transform your next project call **1300 733 078**.

www.hunterdouglascommercial.com.au

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WINDOW COVERINGS

Smart Glide Chain Drive

Sleek and compact, the Smart Glide Chain Drive is suitable for small to average size blinds. Available with 40mm or 45mm tube and a 45mm Heavy Duty Tube, to suit the blind size.

Options

- Black, APO Grey, Snow White or Birch White hardware
- Bracket covers
- Stainless steel chain
- Metal chain
- Double bead plastic chain, secured with a child safety cord tensioner
- Dual brackets
- Linked brackets
- Headbox
- Side channels

Smart Glide Chain Drive Spring Assist

Suitable for larger blinds, the booster system makes lifting the blind effortless.

Options

- Black, APO Grey, Snow White or Birch White hardware
- Bracket covers
- Stainless steel chain
- Metal chain
- Double bead plastic chain, secured with a child safety cord tensioner
- Dual brackets
- Linked brackets
- Headbox
- Side channels



Smart Glide Dual Blinds

Smart Glide Dual Blinds provide design versatility – use a block-out fabric on the Roller Blind closest to the window, with a sheer, translucent or sunscreen to the front. Dual Linked Blinds offer additional functionality for wide openings. If additional assistance is required the Square bracket should be used in conjunction with the spring assist mechanism.

Use Dual Linked Blinds with;

Smart Glide Chain Drive or Smart Glide Spring Assist.

Available in Black, APO Grey, Snow White or Birch White.

Smart Glide Linked Blinds

This option allows you to situate two or more blinds* in close proximity, linking them so that they can be raised or lowered together, using one chain drive. A perfect solution for extra wide windows that cannot be covered with one blind—linked blinds eliminate extra chains or cords.

Independently operated links can be used to replace two brackets with one to reduce the light gap between butting blinds. The blinds within this linked system operate separately and can be raised and lowered independently of one another using the opposite end controls.

Independently operated links are available using the Square profile dual brackets and can be spring assisted.

Available in Black, APO Grey, Snow White or Birch White.

*Maximum of three blinds can be linked and is subject to maximum dimension limitations.

Headbox with Side Channels

The latest addition to the contemporary Roller Blind range is a new side channel extrusion. Designed for areas where 100% blackout is required, the side channel is the perfect application for the company boardroom or home theatre, as it has no light gaps.

Ellipse Balance Bottomrail and Soundproof Bumper

Developed in Australia, the Ellipse Balance bottomrail has been fabricated with 60% additional weight to ensure the fabric hangs straight and features a soundproofing rubber bumper.

Motorisation

Available with either remote or hardware technology. All Roller Blind motors are fitted standard with a 30rpm motor and mox cable.

All Smart Glide options including Dual, Linked and Headbox blinds are available with motor operation.

Part One - General

Scope

SUPPLIER: Finish and install Hunter Douglas Commercial Roller Blinds (Premium Quality)

Submittals

PRODUCT DATA: Manufacturer's descriptive literature shall be submitted indicating materials, finishes, construction and installation instructions and verifying that product meets requirements specified. Manufacturer's recommendations for maintenance and cleaning shall be included.

Delivery, Storage and Handling

Product shall be delivered to site in manufacturer's original packaging. Product shall be handled and stored to prevent damage to materials, finishes and operating mechanisms.

Job Conditions

Prior to shade installation, building shall be enclosed.

Interior temperature shall be maintained between 15°C and 32°C during and after installation; relative humidity shall not exceed 80%. Wet work shall be complete and dry.

Warranty

5 Year Commercial Warranty for specified products. See warranty for details.

Part Two - Product

Hunter Douglas Commercial Roller Blinds

Acceptable Manufacturer:

Hunter Douglas Commercial

338 Victoria Road, Rydalmere NSW 2116

Telephone: 1300 733 078

Website: www.hunterdouglascommercial.com.au

Fabrics

Available in a wide choice of weaves, colours, textures weights and sizes. Fade and stain resistant, some are fire retardant, light filtering, room darkening and blackout fabrics. Fabric composition 100% polyester or polymer coated glass fibre. Finish selected by architects from manufacturer's available contract colours.

Control System / Operation

- Smart Glide Chain Drive (Standard, Dual or Linked)
- Smart Glide Spring Assist (Standard, Dual or Linked)
- Motorised (Standard, Dual or Linked)

Roller Tube

- Smart Glide and Motorised Blinds use an extruded aluminium available in 40mm (keyway tube), 45mm and 45mm Heavy Duty sizes.

End Plug

Control/Idler End - UVS acetyl & nylon 6 and high tensile wound spring steel.

Bottomrail

Ellipse, Colonial or Profile bottomrail in extruded aluminium.

Mounting Hardware (see End Plug)

Constructed from press formed steel, pre treated and powder coated to standard colours and available in standard chain drive, Smart Glide Dual and Smart Glide Linked option brackets.

Additional available options:

Dual Roller, Linked Roller, Dual Linked Rollers, Side Channels, Reverse Roll, Headbox, Stainless Steel Chain, Metal Chain. All options can be motorised.

Headbox

ACM 90 - Depth 91mm, Length - 83mm

ACM 70 - Depth 71mm, Length - 63mm

Finishes

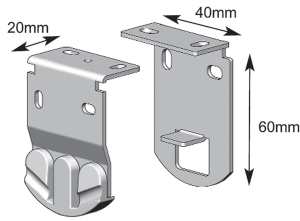
Select from the following:

LINCScreen® 3% and 6% Openness, ECOVIEW® Plus – 6% Openness,

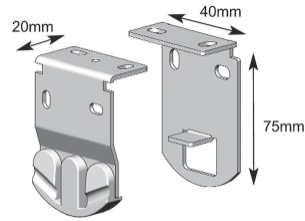
EXTRAVIEW® Plus – 6% Openness, Cambridge, Extraflocke, Seascape, PLAZA® Plus.

Standard Installation Dimensions

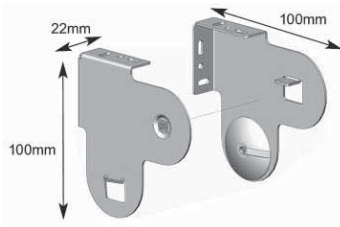
Smart Glide Chain Drive
(used with 40/45mm tube)



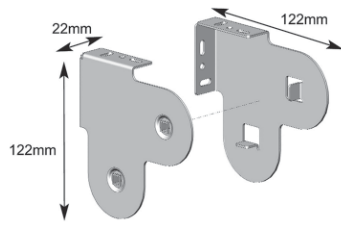
Smart Glide Chain Drive
(used with 45mm Heavy Duty tube)



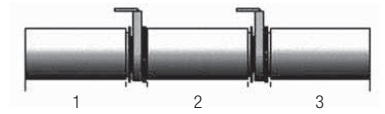
Smart Glide Chain Drive Slim Line – Dual Bracket



Smart Glide Chain Drive Square Dual Bracket

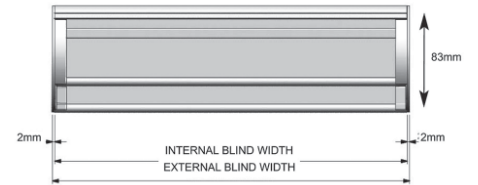


Independently Operated Linked Blinds

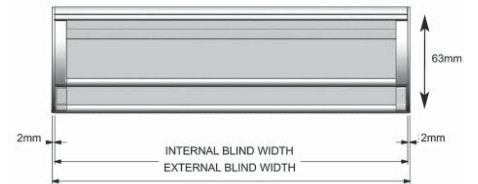


Headbox

Depth - 91mm



Depth - 71mm



Size limitations with other fabric

	Smart Glide Chain Drive			Smart Glide Chain Drive Spring Assist			Motorised		
	Standard	Dual	Linked	Standard	Dual	Linked	Standard	Dual	Linked
Minimum Width (mm)	300mm	300mm	300mm	780mm	780mm	780mm	700mm	700mm	700mm
Maximum Width (mm)*	3300mm	3300mm	3300mm	3300mm	3300mm	3300mm	3300mm	3300mm	3300mm
Minimum Drop (mm)	300mm	300mm	300mm	1000mm	1000mm	1000mm	1000mm	1000mm	1000mm
Maximum Drop (mm)**	3300mm	3300mm	3300mm	3300mm	3300mm	3300mm	3300mm	3300mm	3300mm
Maximum Linked Blinds	-	-	3	-	-	3	-	-	3
Max Combined Square of Linked Blinds*		6m ²			15m ²			15m ²	
Max Small Headbox Drop 40mm Tube*	1900mm	-	1900mm	1900mm	-	1900mm	1900mm	-	1900mm
Max Small Headbox Drop 45mm Tube*	1400mm	-	1400mm	1400mm	-	1400mm	1400mm	-	1400mm
Max Large Headbox Drop 40mm Tube*	2400mm	-	2400mm	2400mm	-	2400mm	2400mm	-	2400mm
Max Large Headbox Drop 45mm Tube*	2200mm	-	2200mm	2200mm	-	2200mm	2200mm	-	2200mm

* Contingent on fabric.

** Refer to your reseller for details on Spring Assist Requirements.



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