

PLEATED BLINDS



BENTHIN



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Benthin pleated blinds offer a comprehensive range of products for all window screening needs.

With flexible control options and an extensive variety of model types, Benthin pleated blinds match with the latest interior design trends, producing a finished look that is contemporary and yet unobtrusive.

Rapid production with high degree of flexibility

The modular system provides the largest possible variety of model types, using only a small number of components.

Benthin pleated blinds have been optimised for automated production and are produced efficiently on Benthin production equipment.

Pleated blinds for modern interiors

With more than 100 models, our pleated blinds blend perfectly into contemporary home interiors.

Whether for vertical or tilt and turn windows, large or small glazed areas, roof windows, ceiling windows, conservatories or triangles, pentagons and hexagons, the pleated blind offers the perfect combination of decoration and sun protection.



FOR MODERN INTERIORS

Flexible adaptation

With five different control options, including handle-operated, cord lock, chain, motorised and crank control and the five colours silver/grey, white, black, bronze and beige, the blinds provide the greatest possible flexibility when adapting our products to meet customer needs.

Appealing shapes and colours

Standard profiles in unobtrusive and elegant design and colour-coordinated components come together to create a pleated blind that is both appealing and symmetrical in appearance.

Easy installation

A standardised fixing system facilitating installation and measuring-up.

Free choice of fabric

An assortment of high-quality, functional and decorative fabrics can be put together to your liking.

Honeycomb pleated blind fabrics in 25 mm width can be processed just as easily as any fabric with the ideal fold width of 20 mm.



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A WIDE RANGE OF CONTROLS

Handle-operated [1]

Easy to operate using the handle. Depending on the model, the fabric can be freely positioned.

Chain operation [3]

Smooth and quiet chain drive with a continuous chain. An optimal control is achieved through suitable gearing.

Crank operation [5]

Crank operation for ceiling or conservatory blinds with detachable crank handle.

Cord operation [2]

Integrated cord lock, without cord overtravel. Free-hanging systems are simple to operate.

Motor operation [4]

Opening and closing the blind with a 24 V motor operated using a switch or, for greater convenience, by remote control.

A single head profile (27 x 35 mm) for chain, motor or crank operation.

A special wire stretcher facilitates installation in the case of ceiling windows.



6

COLOURS AND SHAPES

Colours

The elegant profiles are available in five colours. Powder coated in white or beige or beautifully anodised in silver, bronze or black.

Visible plastic and metal components are colour-coordinated.

Standard profiles

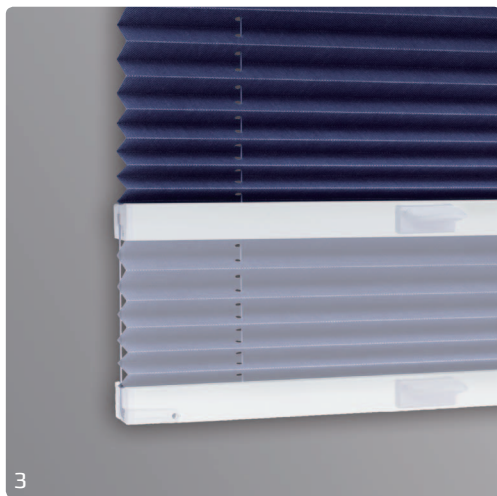
All 22 mm profiles are only 16 mm in height.

Not only does this help to ensure an unobtrusive appearance, it also enables excellent combination options of different controls and blind shapes and a reduction in package height compared to similar systems.

Slope cord lock [6]

The innovative, swivelling slope cord lock works with any angle and ensures that the operating cord hangs vertically.

Controlled from the front, it makes operation simple and convenient.



SMART DETAILS

Night and day models [1]

A combination of two individual fabrics within one pleated blind, each of which can be operated and adjusted separately.

Cord guiding [2]

A side-tensioned cord guiding provides an unobtrusive solution for blinds hung in parallel to a swivel/tilt window or door.

Handle operated blinds with a locking function. [3]

The moveable profiles of the handle operated pleated blinds lock easily onto the fixing plates.

The 16 mm high and low-deflection profile completely covers the fixing plates, thereby reducing the light gap to an absolute minimum.

An elegant solution for roof windows

With the addition of a cassette profile and appropriate end caps, standard handle-operated blinds can be fitted in all common roof windows.

The cassette profiles make installation quick and easy. The pleated blind just has to be clicked into the integrated locator.



SYSTEMATIC INSTALLATION

The installation options, whether in the glazing bead, on the glazing bead, on the casement or in or in front of the embrasure, are not only varied and easy, but will fit in perfectly whatever the setting.

Clip mounting [1]

The exceptionally flat **mounting clip** enables the profile to be mounted less than 1 mm away from the ceiling. The reduction of chinks of light to an absolute minimum and the almost invisible clip ensure an elegant appearance.

Simple mounting on the glazing bead [2]

The glazing bead holders enable the blinds to be mounted perfectly on the glazing bead. This method positions the blind very close to the window while maintaining adequate air circulation.

The straightforward measurement of the glazing bead edge facilitates measuring-up and makes installation quick and easy.

Standardised design [3]

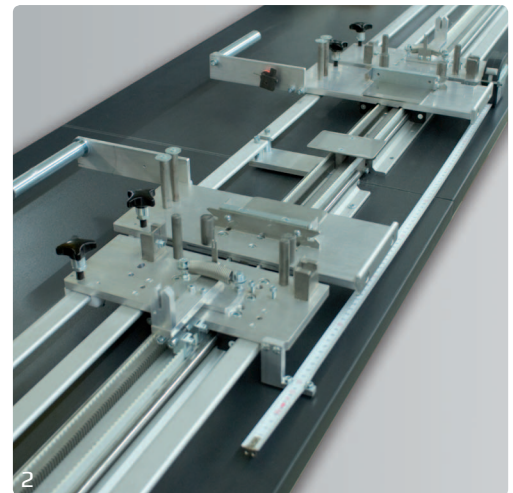
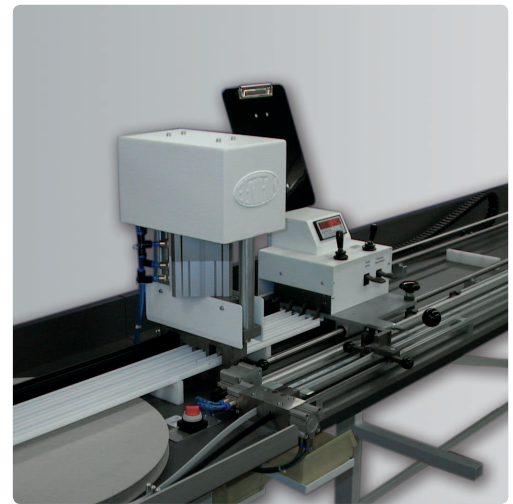
All the fixings have the same design and belong to a single family. Different installation options can be easily combined.

Fixing angle system [4]

Just one metal angle is used for all the holder types. Thanks to the rotatable metal angle and the interchangeable holders, fitting is very flexible.



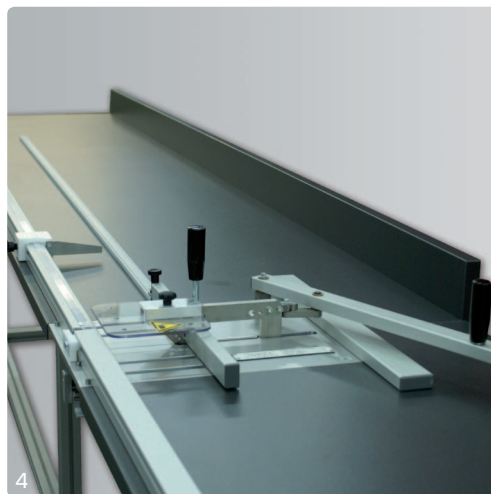
1



2



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4



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CUSTOMIZED PRODUCTION

Innovative production equipment can be scaled to suit any production size.

Handle operated blinds can be produced automatically using the pleated blind assembly machine **PMA** [1]. It consists of three modules, a fabric processing unit, a profile punching table and threading unit that carries out the final assembly.

A wide range of manually operated and semi-automatic equipment is also available for the production of smaller batch sizes.

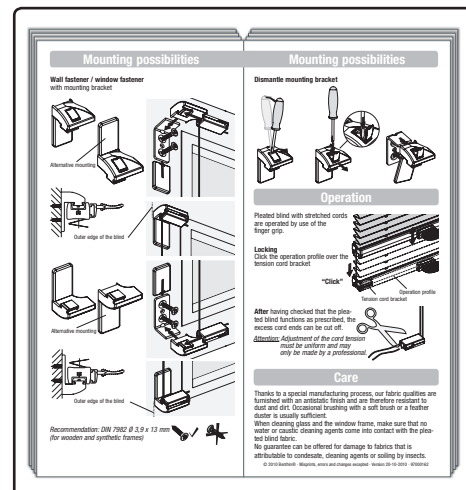
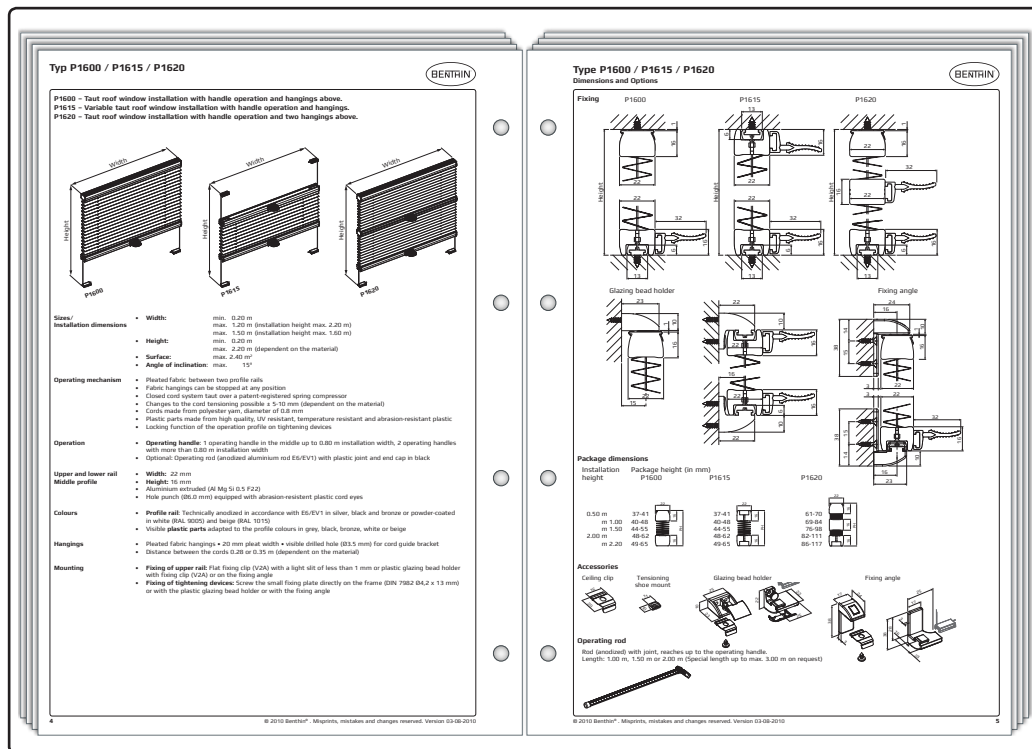
Pleated blind assembly device **PMV** [2]. Complete assembly of various types of standard blinds and operating handle units. Enables the blind dimensions and cord lengths to be set precisely. No additional functional testing is required.

Optimum pleated fabric processing

Pleated fabric saw **PFS 650** [3]. A variable speed facility ensures optimum cutting and sealing of pleated fabrics. Fabric widths of 16 – 50 mm.

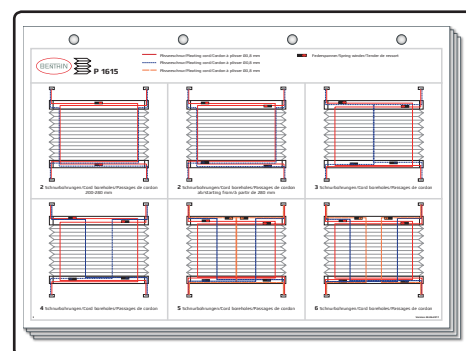
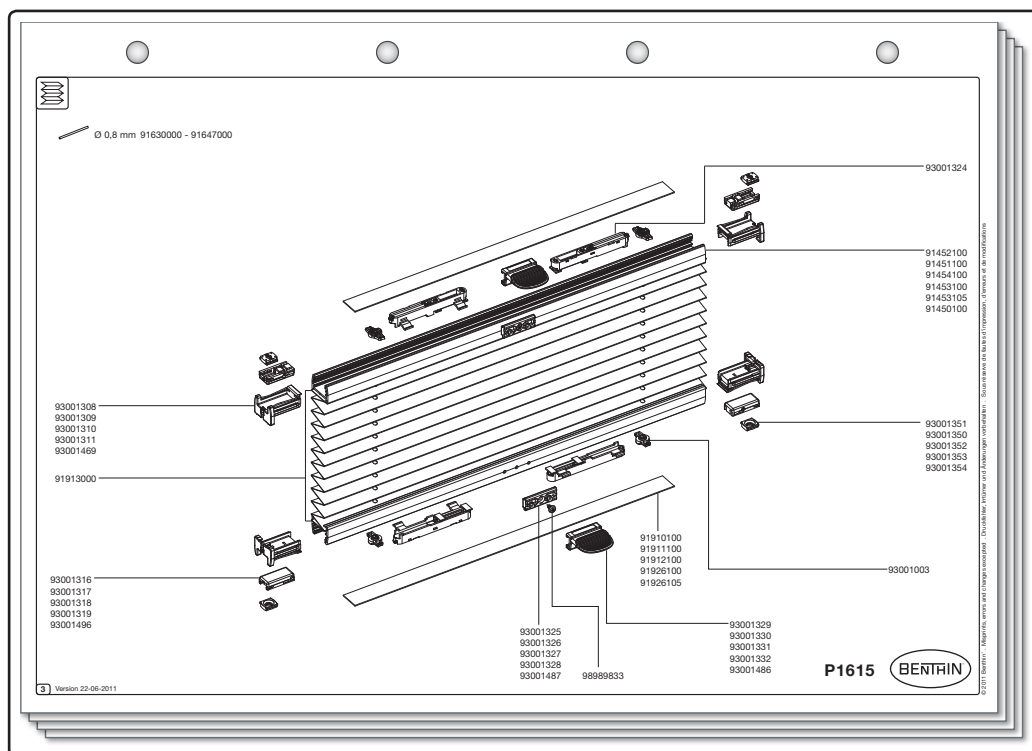
Fabric cutter **MPC 100** [4] Manual width cutting for pleated and honeycomb fabrics with replaceable trapezoid blade.

Fabric drill **PDM 100** [5] Air-cooled fabric drilling up to 32 mm fold depth and a stack height of 40 mm. Up to 75 mm with drilling from both sides.



Planted • Plissées • Plissés 22 mm					P22 10	
Description	Part No.	Material	Accessories	Delivery Time		
Description	Part No.	Material	Accessories	Delivery Time		
Tension profile • Spannprofil • Profil tendeur / 16 x 22 mm						
anodized silver • anodized silver • anodized silver	91452100	5 m		150 m	A	
white • white • blanc	91452101	5 m		150 m	B	
anodized black • anodized schwarz • anodized noir	91452102	5 m		150 m	C	
anodized bronze • anodized bronze • anodized bronze	91452103	5 m		150 m	D	
beige • beige • beige	91452104	5 m		150 m		
uncoated • uncoated • non anodisé	91452105	5 m		150 m		
Standard profile • Standardprofil • Profil standard / 16 x 22 mm						
anodized silver • anodized silver • anodized silver	91442200	5 m		150 m	A	
white • white • blanc	91442201	5 m		150 m	B	
anodized black • anodized schwarz • anodized noir	91442202	5 m		150 m	C	
anodized bronze • anodized bronze • anodized bronze	91442203	5 m		150 m	D	
beige • beige • beige	91442204	5 m		150 m		
uncoated • uncoated • non anodisé	91442205	5 m		150 m		
Centre profile • Mittelprofil • Profil central / 8 x 22 mm						
anodized silver • anodized silver • anodized silver	91440300	5 m		150 m	A	
white • white • blanc	91440301	5 m		150 m	B	
anodized black • anodized schwarz • anodized noir	91440302	5 m		150 m	C	
anodized bronze • anodized bronze • anodized bronze	91440303	5 m		150 m	D	
beige • beige • beige	91440304	5 m		150 m		
uncoated • uncoated • non anodisé	91440305	5 m		150 m		
Plain profile • Flächprofil • Profil plain / 13 x 22 mm						
anodized silver • anodized silver • anodized silver	91927200	5 m		150 m	A	
white • white • blanc	91927201	5 m		150 m	B	
anodized black • anodized schwarz • anodized noir	91927202	5 m		150 m	C	
anodized bronze • anodized bronze • anodized bronze	91927203	5 m		150 m	D	
beige • beige • beige	91927204	5 m		150 m		
uncoated • uncoated • non anodisé	91927205	5 m		150 m		
Plain profile • Flächprofil • Profil plain / 10 x 22 mm						
anodized silver • anodized silver • anodized silver	91927100	5 m		150 m	A	
white • white • blanc	91927101	5 m		150 m	B	
anodized black • anodized schwarz • anodized noir	91927102	5 m		150 m	C	
anodized bronze • anodized bronze • anodized bronze	91927103	5 m		150 m	D	
beige • beige • beige	91927104	5 m		150 m		
uncoated • uncoated • non anodisé	91927105	5 m		150 m		
Motor profile • Motorprofil • Profil motor / 34 x 22 mm						
anodized silver • anodized silver • anodized silver	91444200	5 m		150 m	A	
white • white • blanc	91444201	5 m		150 m	B	
anodized black • anodized schwarz • anodized noir	91444202	5 m		150 m	C	
anodized bronze • anodized bronze • anodized bronze	91444203	5 m		150 m	D	
beige • beige • beige	91444204	5 m		150 m		
uncoated • uncoated • non anodisé	91444205	5 m		150 m		

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DOCUMENTATION FOR ALL NEEDS

Benthin provides comprehensive documentation for all products, making it easier for you to get started with a product. Detailed reference documents help you to build up in-depth product knowledge.

Component catalogue

Lists all components with information such as article numbers, delivery times and minimum order quantities.

Assembly

- Threading diagrams
- Exploded drawings

A guide to assembling your blinds, with detailed step-by-step illustrations and descriptions.

Worksheet program (not shown)

The computer program to configure your blinds, with bill-of-materials and price calculation.

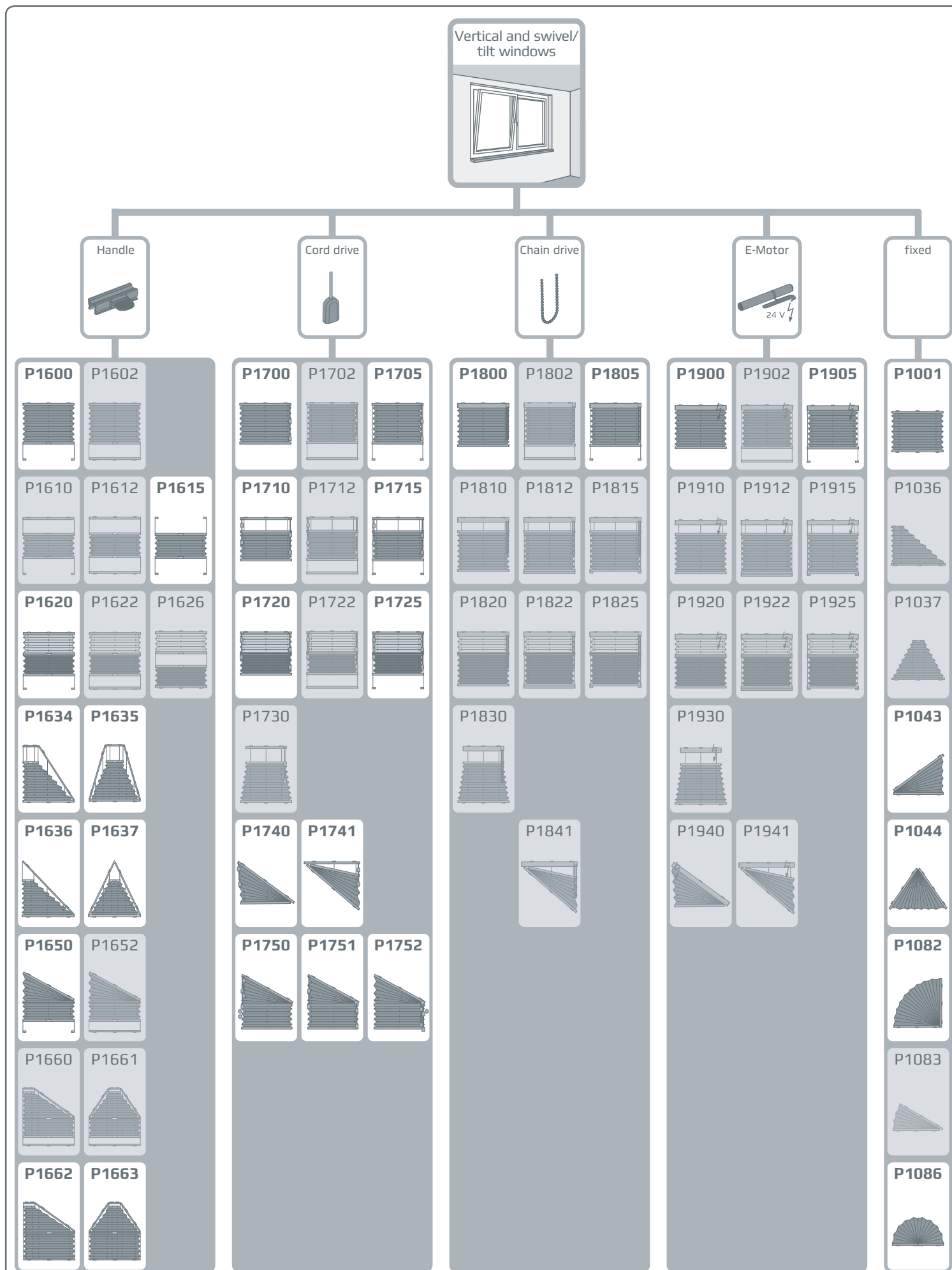
Data sheets

Provide detailed information about each model. These may be used for general information purposes or when compiling order documents. They provide information for architects, as well as for manufacturers.

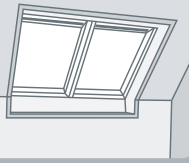
Fixing instructions

A helpful guide describing in words and pictures, how to install, operate and maintain your pleated blind system.

TYPE OVERVIEW PLEATED BLINDS



Roof windows



Handle



P2601



P2603



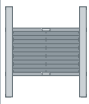
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P2627



P2600



P2602



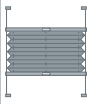
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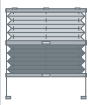
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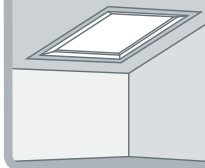
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P2626



Ceiling windows and conservatory



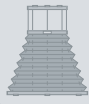
Handle



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P3635



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P3637



P3650



P3660



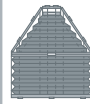
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Cord drive



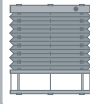
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Crank



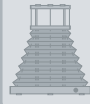
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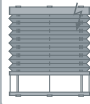


E-Motor



24 V

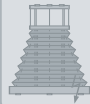
P3900



P3902



P3930



P3934



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P3937



P3962



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