# WERTICAL BLINDS







### THE VERTICAL BLINDS SYSTEM

Benthin Vertical Blinds are suitable for a wide range of applications and are characterised by their flexibility, durability and the efficient, versatile solar protection they provide. The louvres can be adjusted to follow the course of the sun and are an excellent way to control and direct the light.

Verticals can be used to create a variety of very different lighting effects, as there are almost infinite possibilities for regulating the incoming light depending on the position of the louvres.

For private homes the focus is on the Louvre widths of 89 and 127 mm decorative aspect, as well as the solar protection. The vertical blind is an almost unique product that has its own distinct character and yet leaves a great deal of scope for architectural design.

Verticals are particularly suitable for use in office buildings, as they comply with all the requirements of the Construction or Thermal Insulation Ordinance and with the guidelines for VDU workstations.

are standard, but alternative options of 63, 70, 100 and 250 mm are available.

For large projects, if requested the rails can be supplied in special colours so they can be colour co-ordinated with existing architectural elements of the building.

More than 20 different system shapes, various stacking versions and control systems that can be placed on the left or right permit a synthesis of decoration and sun protection.









### VERTICALS IN EVERY SHAPE

For many years now, the verticals system from Benthin has been the most complete and most reliable system on the market, covering all areas of use.

Modular system components and the most efficient production equipment in the industry are available from a single supplier.

#### We aim for variety

Whether straight, curved, slope or top and bottom track, we can offer the appropriate solution for every shape, in any desired application.

The smooth-running monogear (180° rotation) with ball chain operation, the motor version and the standard version all provide optimal operating comfort.

The newly developed and child-safe control rod can be used on lengths up to 7.0 m and heights up to 3.0 m.

#### Rapid production the key to success

- in large and small quantities.
- for the production of both louvres and head rails.
- for standard products and special requests.











### A RANGE OF CONTROL OPTIONS

#### The IQ2 motor [1]

Our motor solution offers greater intelligence. In addition to the well-known function of sideways blind travel and 180° rotation, the IQ2 motor is equipped with a decorative setting and an intermediate stop function. Overload detection offers maximum safety.

The version with an integrated RTS receiver optimises Somfy compatibility. Convenient tilting with a scroll wheel and the MY function provide further operating options.

#### Chain/cord [2], operating comfort as standard

A bead chain (04.5 x 6 mm) to tilt the louvres and a cord pull to move the blinds sideways.

#### One wand [3] that can do everything

Tilt the louvres and draw them across the blind with one hand by simply using the traversing wand.

The wand is also a good choice when it comes to child safety.

#### The monogear [4] for ease of operation

The monogear guarantees convenient and child safety 180° tilting and movement by way of continuous loop chain operation with chain guard.

#### Tilt wand/cord [5], a neat alternative option

Tilt the louvres using a tilt wand, and draw them across with a cord pull.













### SAFE AND SYSTEMATIC TECHNOLOGY

The Benthin Vertical System, with its tried-and-tested traveller with integrated friction clutch, stainless steel spacers and detachable clear hooks, enables the blinds to be used for a wide range of applications. An open cord channel enables easy assembly.

The end stoppers can be assembled from outside and cover the release mechanism and the louvre stack can be easily moved out of the way to clean the window.

Our verticals are characterised by the fact that the stacking width of the louvres is particularly small when the blinds are pulled back.

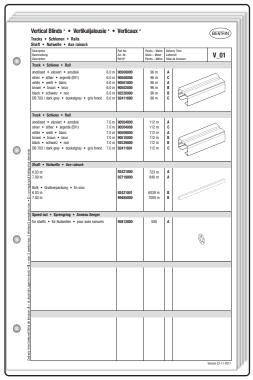
Thanks to the adjustable end retainer, the blind can be moved sideways right to the end of the rail if wished.

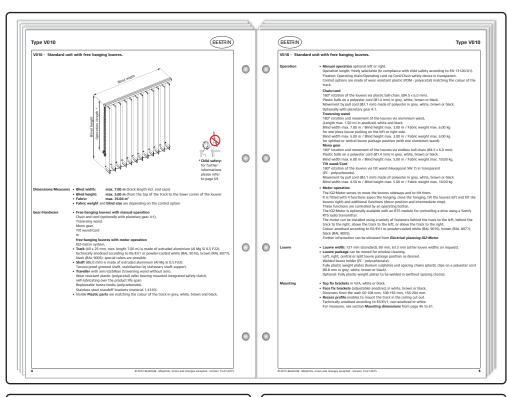
#### Automated production as the key to success

Benthin offers an extensive programme of production equipment enabling high quality vertical blinds to be produced in greater quantities.

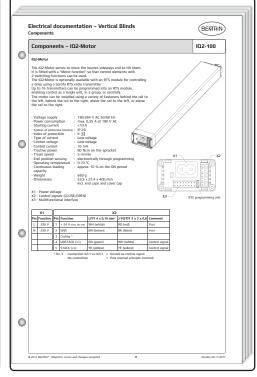
High-performance machines for producing louvres and rails are vital to secure the company's position in the market.

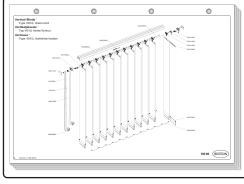
The new LS 1700/2 louvre machine with the option of processing sealed-in bottom weights demonstrates how our technologies are constantly being developed.

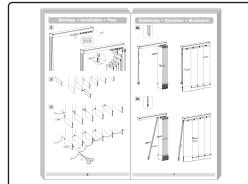












### DOCUMENTATION FOR ALL NEEDS

Benthin provides a comprehensive range of documentary material to make it easy for you to get started with a product.

Detailed in-depth reference documents enable our customers to build strong product knowledge on all models.

#### **Component Catalogue**

Lists all **components** with information about article numbers, delivery times and order quantities.

Additional **exploded drawings** with item numbers help with ordering and provide an overview.

#### Data sheets and Electrical planning

Contain 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.

#### **Production manual**

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

#### Installation instructions

A helpful guide describing, in words and pictures, how to install, operate and care for vertical blinds.

#### **Worksheet Program**

A software tool to configurate the models with bill of materials and pricing.

## Typeoverview Vertical Blinds

		Chain/Cord	L = max 7.0 m H = max.3.0 m max.6kg  Traversing wand	Mono gear	Tilt wand/Cord	Chain/Cord with cord brake	Chain/Cord	Chain/Cord with end cap for top and bottom track unit	· on request
Standard	WO 10 WO 11 WO 12 WO 13 WO 13 WO 14 WO 15	V010 V011 V012 V013	V010 V011 V012	V010 V011 V012	V010 V011 V012 V013				V010 V011 V012
Top and bottom track units	V025						V020 V025	V025	V020 V025
Bay window units	W 000 Xem + H V030/V031	V030 V031 V032	V030 V031 V032	V030 V031 V032	V030 V031 V032				V030 V031 V032
Slope units	V040/ V041 W 005 venu + H V050					V040 V041 V050			V040 V041 V050
	V060/V061 V070					V060 V061 V070			V060 V061 V070
Horizontally curved units	W 005 Nam = H V080	V080 V081 V082							V080* V081 V082
Vertically curved units	V090 V096 V096 V096 V096 V096 V096 V096					V090 V091 V096			V090* V091 V096*
	V092/V094 H W V092/V094 H V092/V094 V095 V095 V095 V095 V095 V095 V095 V095					V092 V093 V094 V095			V092 V093 V094 V095





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