

DATA SHEET

nolimit

BEYOND ALL **LIMITS** AND **CONSTRAINTS**

Roll-up and motorized screen

From 8m à 100m wide

NEW VERSION 2024



DESCRIPTION

The nolimit is a projection screen equipped with a **motorized roll-up system** designed to roll up large, flexible surfaces. It features a **compact, lightweight** aluminum casing made up of a variety of modules carefully assembled to create a harmonious unit.

Its versatility goes beyond simple projection screens, making it equally **suitable for blinds, shades and curtains.**

The screen is equipped with a **double tubular motorization** and has a **winding speed of 10 cm/sec.** It can measure **up to 100m wide** and 15m high, and can be sent directly assembled when it is no wider than 12m.

The nolimit screen is specially designed for **exceptionally large environments** such as concert halls, opera houses and exhibition centers.

NEW VERSION

- Improved and more streamlined assembly process
- Re-designed winding tube for improved performance
- Optimized winding space for greater efficiency
- Mechanical improvements to screen supports for greater adjustability
- New housing design allows partial or full access to internal components for improved maintenance

GENERAL FEATURES

Dimensions

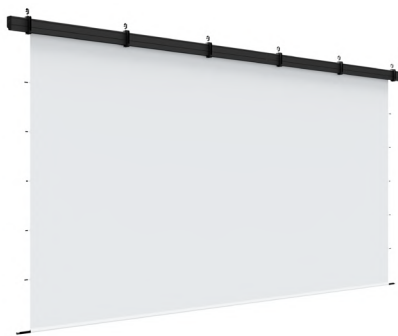
Width : from 8 to 100m
Height : from 1 to 15m

Ballast bar

Weight : 2.15 kg/m

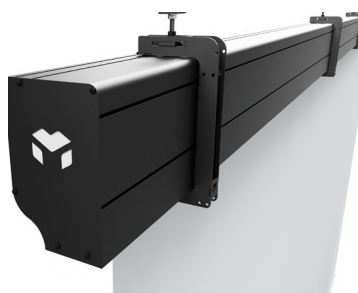
Winding tube

Aluminum tube supported by a saddle equipped with Ertalon rollers, ball bearings and suspension bearings
Tube equipped with "FLEX" system : tubular anti-bending system managing kinetic energies and guaranteeing fabric flatness



CASING

Material	Black ultra-compact, light extruded anodized aluminum profiles
Dimensions	22cm wide x 37cm high
Feature	Longitudinal reinforcements maximize rigidity
Options	Choice of RAL casing color



MOTORIZATION

Model	nolimit DualSync
Motorization type	Integrated SOMFY double tubular motorization with 2 adjustable limit stops
Coupler module	Electronic coupling with 2 motors ensures system synchronization
Positioning	Control and power supply located on garden side
Operating speed	About 10 cm/sec
Rotating speed	17 rpm
Continuous operation	4 minutes
Voltage	230V 50Hz
Torque	From 110 to 170Nm
Power	From 640 to 990W
Integrated safety	Dual motor brake
Warranty	5 years

OPTION « HIGH SPEED »

The “High Speed” motorization is recommended for intensive use in terms of speed and frequency of use.

Motorization	Esitron variable-speed nolimit ServoDrive e50
Operating speed	Up to 50 cm/sec
Voltage	230V 50Hz or 60Hz - 400V 50Hz or 60Hz
Power	From 0.58kW to 2.2kW
Programming	Standard via Profinet
Features	Brushless drive system - position detection provided by absolute encoder

CONTROLS

Controls are available as options and should be selected according to the application and use of the projection screen.

- ❖ Somfy radio remote control
- ❖ Wired wall inverter
- ❖ Wall key switch
- ❖ Universal control with 3 types of control : radio, wall and dry contact control
- ❖ DMX Control (€€)
- ❖ Command by 4 dry contacts compatible with centralized control systems such as Creston, AMX, Control 4 ...
- ❖ Customized controller (control panel, push-buttons, emergency stop ...)

TRANSPORT

Screens less than 12m wide	The screen can be shipped in one piece in a specially designed wooden crate
Screens more than 12m wide	The screen is assembled on site by a team of specialized technicians according to strict specifications
Accessory	Possibility of adding a wheeled transport and storage trolley

FIXINGS

Fixing points are provided every 2 to 3m. Places for M10 threaded rods are prepared on each support. The whole system makes it easy to adjust the horizontal position of the casing.

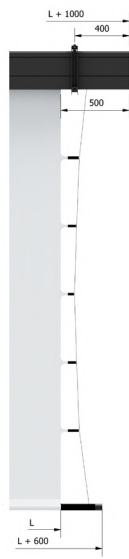
- ❖ Pole mounting (tubes from 48.3 to 50 mm)
- ❖ Ceiling brackets
- ❖ M10 threaded rods
- ❖ Wall brackets
- ❖ Customized brackets



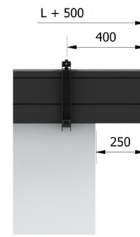
DIMENSIONS



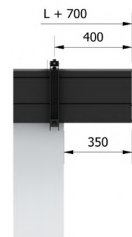
Non-tensioned screen



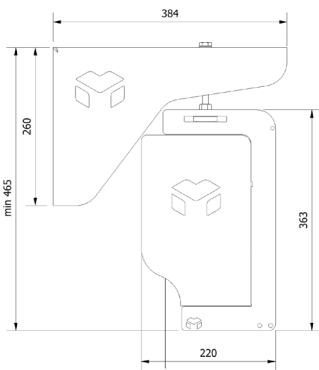
Tensioned screen



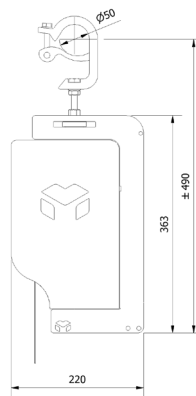
DualSync motor



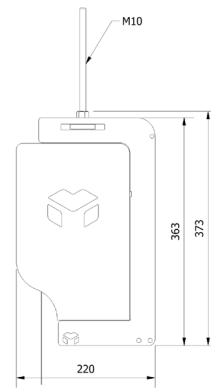
ServoDrive motor



Wall mounting



Pole mounting



Threaded rod mounting

COMPATIBLE FABRICS

The nolimit screen is compatible with most front and rear projection screens, as well as 2D and 3D screens from Harkness Screens*.

** Non-exhaustive list. Consult Multivision Screens to check material compatibility in accordance with prescribed assembly methods.*

Front projection	Super Matt Cinopaque High Contrast Retro Cream
Rear projection	Infra Retro Grey Retro Cream Retro 3D
Technical fabrics	Blackout Double Serge Ferrari Soltis Horizon

Options

- Lateral tensioning "Tab Tension"
- Adding side, bottom and/or top black borders





SUCCESS STORIES

To discover all our projects, realizations and screens, visit our website.

Uránia National Film Theatre

Product	One nolimit 2023 version
Place	Budapest, Hungary
Activity	Entertainment
Requirement	Integrating a large projection screen into a baroque environment and offering the public an exceptional visual experience
Challenge	Significant logistical and technical challenges overcome thanks to a team effort involving Cinemanext Hungary
Result	A 10m wide by 7m high motorized nolimit screen equipped with a Hi White micro-perforated fabric specially adapted for digital cinema projection

Domaine de la Résidence in Metz

Product	Three nolimit 2023 version
Place	Metz, France
Activity	Corporate & Entertainment
Requirement	The client's ambition was to design an innovative system for projecting images to immerse diners in captivating worlds
Challenge	Our team had to adapt to spatial constraints and ensure that the screens were perfectly connected to the corners of the room without leaving any gaps
Result	One 21m wide screen and two 10m wide screens that offers an unrivalled immersive visual experience to its guests

SCREENS FOR EACH SITUATION

www.multivisionscreens.com

WHY MULTIVISION SCREENS ?

- ✔ A complete service : **from design to installation**, including the **development and production** of custom made, non-standard and high-end projection equipment in opera houses, themes parks and cinemas **all over the world**
- ✔ A team motivated by this desire to challenge themselves to **exceed the limits of size and complexity** of each project
- ✔ Complete, complex, sustainable, **custom-made** mechatronic solutions **made in Europe**
- ✔ A capacity for acute **adaptability** and **flawless creativity** allowing the management and realization of ambitious projects.
- ✔ Technical support working in **total transparency** throughout the duration of the collaboration

Multivision Screens srl

☎ BE 0476 887 731
✉ info@multivisionscreens.com

📍 Head office

Rue de la Marcelle 3,
5030 Gembloux, Belgium

📍 Production site

Rue du Polissou, 9
5590 Ciney, Belgium