

Motorized PVC Canvas High-Speed for Indoor and Outdoor Use.

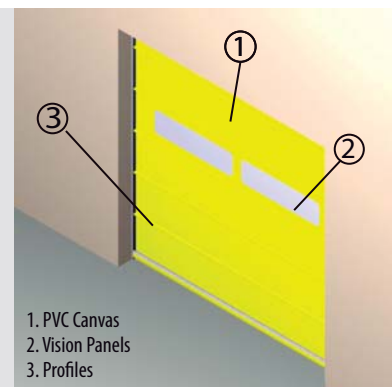
TECHNICAL DESCRIPTION

Serchek's Folding High-Speed Door is the fast acting door model for intensive use. It's a door that can be installed either indoor or outdoor, and can be used in almost all industrial sectors.

The door is composed by a PVC canvas and a steel frame that has a motor operated by a control panel.

Another important feature of this door is that it can optionally include a **photocell curtain active** at a maximum height of 2,5m. Any person or object that may interfere with the door's closing is automatically detected preventing any possible accident.

The door is provided standard with a **security photocell** 500 mm. from the floor.



- ✓ **LARGE DIMENSIONS DOORS:**
Suitable for outdoor installations, often requiring large dimensions doors with high mechanic resistance.
- ✓ **MAXIMUM SAFETY ABOVE ALL:**
It allows for two safety systems: a photocell curtain (optional) and a safety photocell (standard).
- ✓ **FAST INSTALLATION AND EASY REPAIRS:**
The door is delivered pre-installed. Low maintenance.
- ✓ **MULTIFUNCTIONAL DOOR:**
Suitable for premises in any industrial sector: food & beverages, logistic, automobile, pharma,...

NEW REINFORCEMENT

The strong double-fabric strap guarantees maximum reliability, durability and safety. The door is driven by rolling the straps to allow the canvas to be folded.

Main advantages:

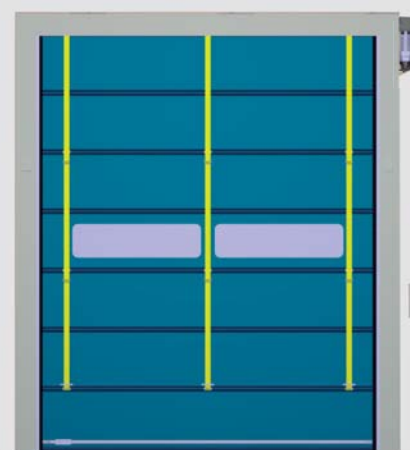
- More durability: door's useful life is extended.
- More lightness: Lighter set with the same resistance performance.



Detail of reinforcement and double strap.

TECHNICAL DATA

- Use: Outdoor / Indoor
- Estructure: Painted Steel
- Maximum size: 12m x 8m.
- Colours (canvas/frame) 10 available colours (white, cream, yellow, orange, red, light blue, dark blue, grey and black).
- Canvas material: High-resistance PVC (900g/sqm)
- Maximum speed: Opening: (~1,0m/sec)
Closing: (~1,0m/sec)
- Safety: Safety curtains up to 2500mm. (optional)
Pass safety photocell (standard)
- Compliance: EN13241-1



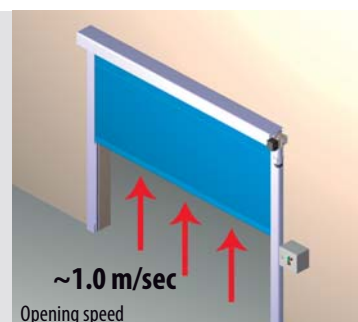
Door's rear view showing the vertical belts connected to the ribs.

FAST, EASY AND SILENT OPERATION

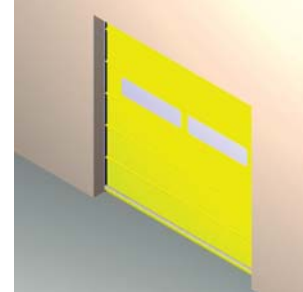
This robust and reliable high-speed door thanks to the **folding system**, is specially conceived for outdoor intensive use.

It eases a **fluid traffic** thanks to its fast opening and closing, with the resulting energetic saving and bigger efficiency.

Optimal resistance in outdoor spaces thanks to the transversal reinforcement system. The door is easy to repair and to install, as it is pre-installed delivered.



Opening speed

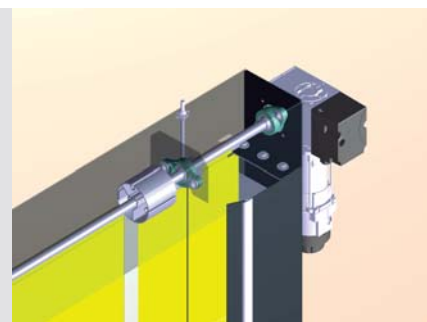


OPERATION

The door operates by the combination of a **geared motor up to 1KW** and an **electric control panel**.

In the event of blackout, it is possible to declutch the motor and use the handle to open or to close the door. This motor works at **130 rpm** and its power input is **230V / 400V three-phase**.

Its **control panel** is composed by protection and power components, as well as a frequency inverter, and it has up & down buttons, as well as emergency stop button and a switch.



Motor attached to door's frame.

SAFETY SYSTEMS

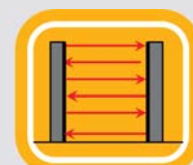
PRPG allows for two safety systems: **protection curtain** (optional) and **safety photocells** (standard).

The **safety photocells** are designed to prevent an accidental pull-up in the event that a person or an object gets trapped to the belt.

The **protection curtain** act during the closing, stopping the door and opening it again when they detect a person or an object.



Safety photocells



Protection curtain



10 Colours choice



High-speed door for automobile sector



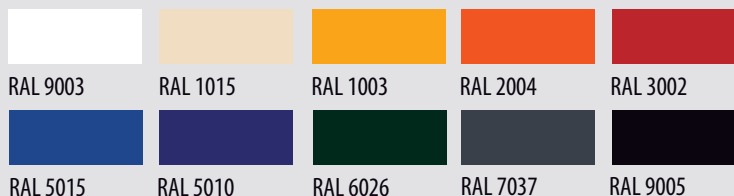
Large dimensions folding door

High-Speed Doors

COLOUR RANGE

The available colours for the canvas are: white, cream, yellow, orange, red, light blue, dark blue, grey and black.

CANVAS:



OPTIONS

Further to the technical characteristics of the high-speed doors, Inkema offers other improvements to satisfy our customers' needs in their perfect choice:

- Choice of vision panel options.
- Tunnel installation of the door.
- Motor cover.

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