Sentry Automation Ltd

NovoFold

High-speed industrial folding door

EXTERIOR FOLDING DOOR | **REINFORCED PVC CURTAIN** | **9 STANDARD COLOURS**



COMPACT VERTICAL FOLD

Heavy-duty belts lift the curtain into a compact package above the opening.

REINFORCED PVC

900g/m² polyester-reinforced PVC curtain, M2 class, with reinforcing profiles.

WIND LOAD RESISTANCE

Class 3 as standard; higher Class 5 resistance available on request.

BUILT-IN VISIBILITY

Standard 1,080 × 360mm transparent windows, with up to two rows.

SAFETY AS STANDARD

Photocell and opto-sensors in the flexible bottom seal; manual emergency opening.

The NovoFold is an electrically driven folding door for exterior facades and busy logistics openings. Its reinforced curtain, robust steel columns and direct drive provide a durable solution for frequent use, with no balance springs and low maintenance requirements.

6,000 × 6,000mm	0.9 m/s	Up to 1.1 m/s
Maximum width × height / 36m²	Standard opening / closing speed	Opening with optional inverter*

Supply only • Installation • Repairs • Planned servicing

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NovoFold / Specification

DIMENSIONS & PERFORMANCE

Maximum width / height	6,000mm / 6,000mm
Maximum area	36m²; larger sizes on request
Side room at guides	220mm
Side room at slip-on drive	520mm*
Non-drive side room	220mm
Drive fitting clearance	650mm
Required headroom	1,070mm
Standard open / close	Up to 0.9 / 0.9 m/s
Inverter open / close	Up to 1.1* / 0.5 m/s
Inverter size limit	5,000 × 5,000mm
Wind resistance	Class 3; Class 5 optional
Product conformity	EN 13241

CONSTRUCTION & MATERIALS

Horizontal curtain sections with reinforcing profiles and heavy-duty lifting belts. Galvanised steel columns and a steel top cover form a rigid assembly supporting the steel roller and drive.

HardEdge aluminium bottom beam with a flexible seal and opto-sensors. Standard photocell is positioned 250mm above floor level.

FINISHES & VISION

Curtain colours (approximate RAL): 9016 white, 1003 yellow, 2004 orange, 3002 red, 5002 / 5005 blue, 6026 green, 7038 grey or 9005 black.

Columns: RAL 7011 grey powder coating as standard; other RAL colours optional. Transparent windows as standard; insect-netting sections available.

DRIVE & ELECTRICAL

Geared electric motor with direct roller drive; left or right mounting, with front mounting optional. No balance springs.

Standard supply: 3N~400V / 50Hz / 16A.
Inverter motor supply: LNPE~230V / 50Hz / 16AT.
Motor protection: IP65. Power: up to 4kW.
Standard control box: IP54 with CEE plug.

CONTROLS & ACTIVATION

GfA TS971 / TS981 control, depending on door size and application. Open-stop-close buttons, LED display, adjustable hold-open time or dead-man operation, permanently open / closed settings, service and run modes.

Optional push-button, pull switch, key switch, photocell, radar, induction loop or radio activation. Door-to-door interlock available.

SITE & CONNECTION REQUIREMENTS

Flat mounting frame and adequate mounting space required. Confirm exact installation dimensions using the technical drawing.

Provide a suitable CEE socket within 500mm of the control position. The box is usually on the drive side, about 1,500mm above floor level. Confirm supply and protective-device requirements for the selected standard or inverter configuration.

OPTIONS & ACCESSORIES

Inverter control for doors up to 5,000 × 5,000mm; directly wired IP65 control box / main switch; safety light curtain to 2,500mm; Condor presence sensor; Falcon radar; traffic lights; orange or red beacon.

EasyReplace columns, PVC side seals, and hood / top cover in a specified RAL colour. Options and larger sizes are subject to quotation.

To quote: send opening dimensions, available headroom and side room, site photographs, postcode, power details, preferred colour and activation requirements.

*Depending on configuration. Based on manufacturer literature dated May 2024. Confirm dimensions, performance, electrical requirements and current availability with your quotation. Technical changes reserved.

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