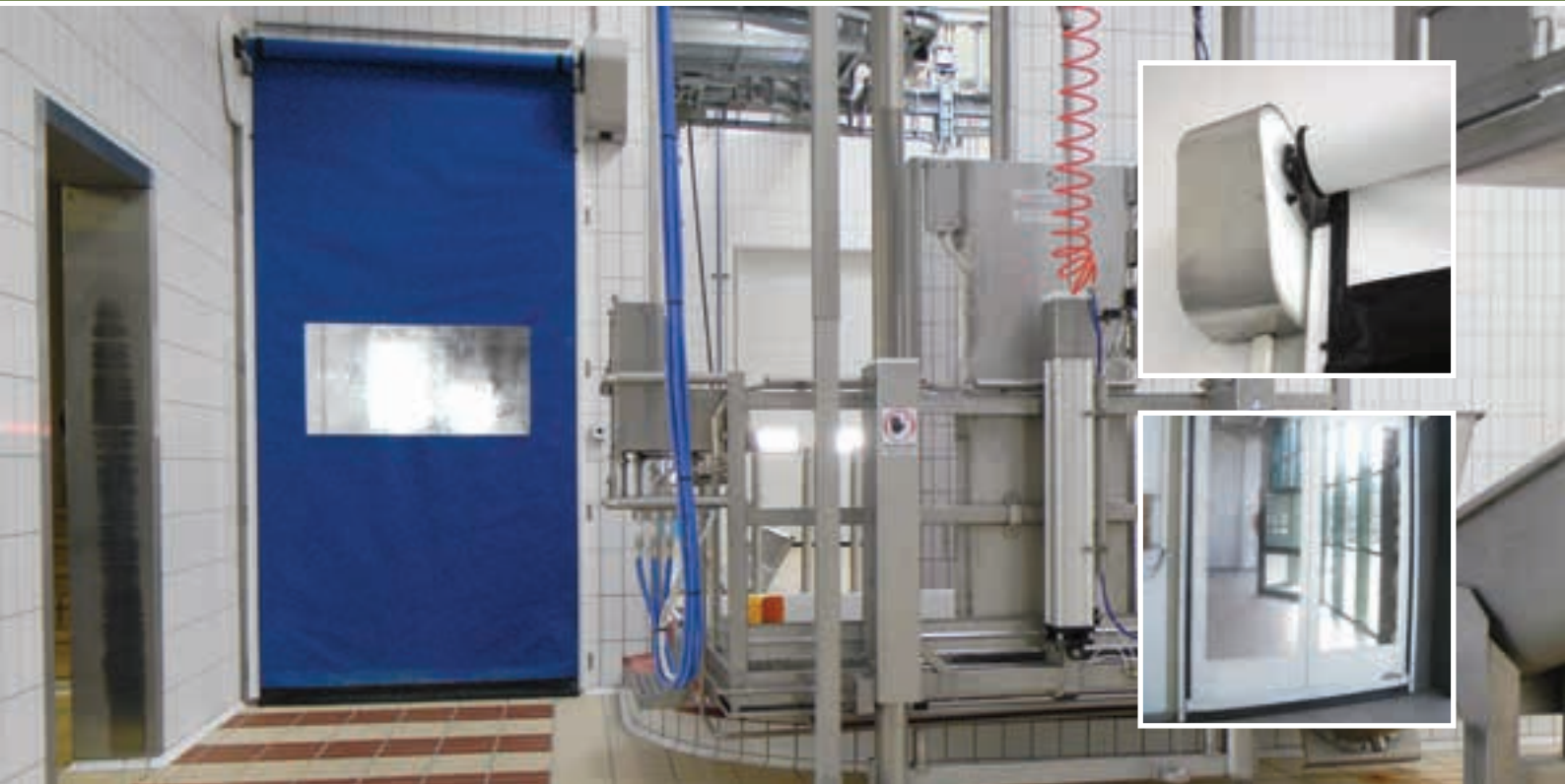


Dynamicroll PE



Dynamicroll PE High-speed doors are self-repairing, meaning that if the door curtain comes out of their guides (for example, in the event of impact with a forklift) the system will automatically reset the curtain back into the guide on the next close cycle.

Dynamicroll PE columns and end plates are made from polyethylene with stainless steel accessories. Modular construction allows easy interchange of door parts. Due to the design the whole door can be completely pressure washed.

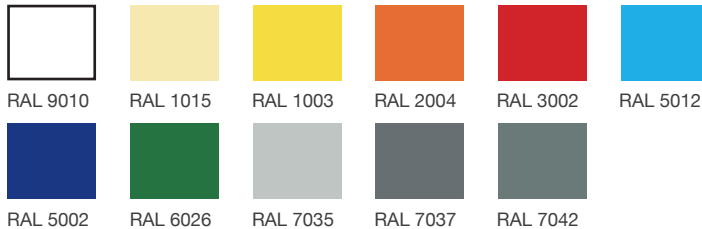
At the heart of the Dynamicroll PE door design is our innovative curtain edge that firmly holds the curtain into the side guides. If impacted, the curtain will release from the side guide and automatically reset on the next door cycle. Because there are no metal parts within the curtain design, damage is kept to a minimum.

Features & Benefits

- Up to 2 m/s opening speed
- 1 ph inverter drive control panels
- Barrel diameter sensor in the heading
- Self repairing curtain following impact
- Stainless steel motor cover included
- 1300 g/m² curtain with 12 standard colours
- Frame is made from polyethylene
- Stainless steel accessories
- Simple modular design
- Manual release handle as standard
- Quick lead times
- Proven reliable design
- Helps to reduce heat loss and vermin
- Designed to be pressure washed

Colours Options

1300gr/m² Colours



Insulated Cloth 3mm Colours



FDA Approved Cloth 1700gr/m² Colours



Technical and Operating Specifications

Application	Internal	Standard
Speed	Maximum Opening Speed	2 m/s
	Maximum Closing Speed	0.8 m/s
Door Sizes	Maximum Width	4500mm
	Maximum Height	4500mm
Space Requirements for Fitting	Side Mount Motor, Motor Side	290mm
	Non Motor Side	90mm
	Head Room Depending on size	450mm
Wind Class	4500 x 4500	Class 1
Curtain Weight	1300g/m ²	Standard
Curtain Colours	As per Options	12 Colour Options as Standard
Control Panel	Inverter controls in a Plastic case	Standard
Control Panel Dimensions	300w x 400h x 150d	Standard
Door Frame Construction	Polyethylene	Standard
Guide Material	Self Lubricating Polyethylene	Standard
Power Supply	Single Phase and Earth 220v	16 Amp slow acting fuse
Supply Cable	Correct size to avoid power loss 2.5mm ²	As per Electrical Regulations
Column Covers	Polyethylene	Standard
Barrel Cover	None available	N/A
Motor Cover	Stainless Steel	Optional
Safety Edge	Wireless Resistive	Optional
	Heading Sensor	Standard
Photocell	Transmitter / Receiver Type	Standard
Vision Panels	2 Rows	Standard
Timed Close	Selected on Installation	0 – 200 secs
Limits	Digital Encoder	Standard
	Mechanical Limits	Optional
Emergency Opening	Hand Crank to the Bottom of the motor	Standard

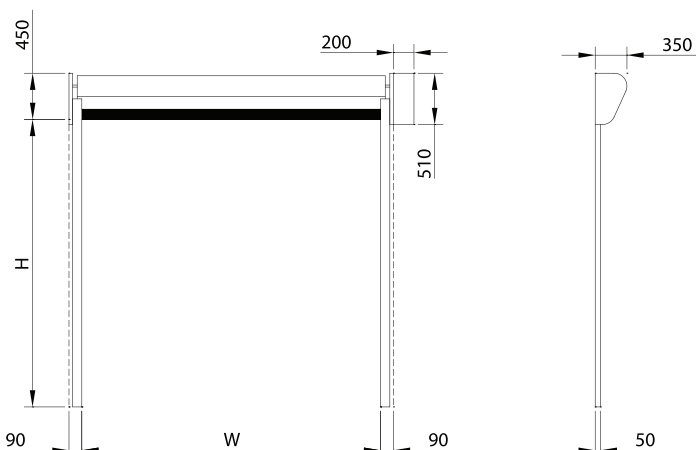
Optional Extras

Various vision panel designs	Radar sensors	LED traffic lights
Digital print onto the curtain	Safety light grid	Flashing warning light
Customer logos	Induction loop detectors	
Insulated curtain	Pull switch with optional gallows	
"T" cut emergency exit in the curtain	Proximity sensors	
UPS battery backup	Key switch	
Remote controls	Digital keypad	

Standards and Conformity

Mechanical Compliance	BS EN12604	
Air Permeability	EN 12426 – 7	Class 1
Thermal Performance	EN 12428	5.82W/m ² K
Resistance to Water Penetration	EN12425	Class 3
Compliant to European Standard	EN13241	

Technical Drawings



Distributor Details

