



ENTRE/MATIC



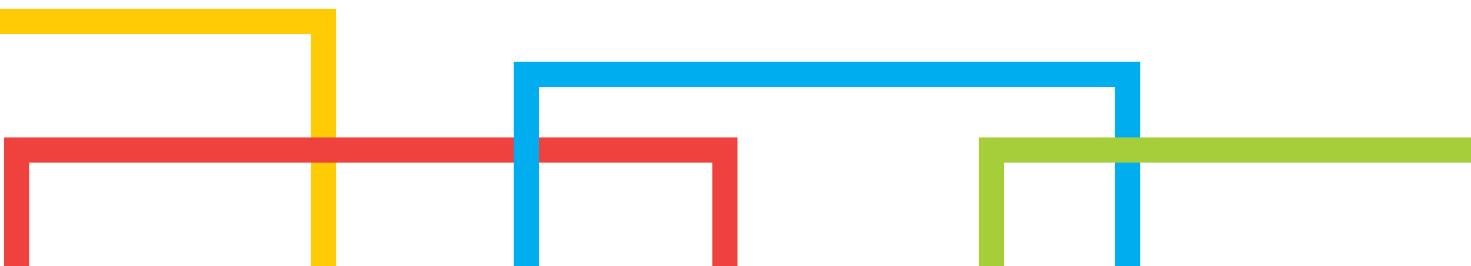
DYNACO D-501 COMPACT

Push-Pull
gear driven technology



inside door

www.dynacodoor.com



DYNACO D-501 COMPACT

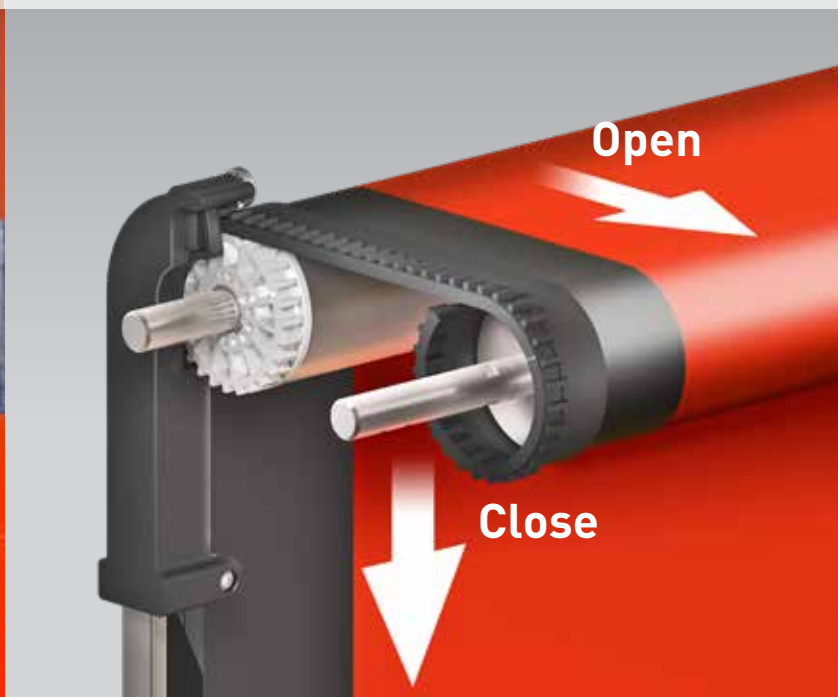
The Dynaco D-501 Compact is specifically designed for medium sized inside applications with intensive use. The improved “Push Pull” belt and reintroduction system increase reliability and comfort of use. The Dynaco D-501 Compact operates fast, smoothly and silently. It protects your environment against drafts, humidity, dust and dirt. Operating speed and perfect sealing properties improve your traffic flows and provide environmental control and savings on energy costs.

- **PATENTED “PUSH PULL” TECHNOLOGY:**
Unique door drive system with increased longevity.
- **CRASH FORGIVING AND SELF-REINSERTING WITHOUT INTERVENTION:**
The curtain automatically reinserts itself when dislodged. No repair costs, no production downtime.
- **HIGH SPEED OPERATION:**
Up to 2,4 m/s depending on the size.
Closing speed 1,2 m/s.
- **SUPERIOR SEAL:**
Patented side frame assembly.
Neither blade nor brush systems required.
- **USER SAFETY:**
Flexible curtain without rigid elements.
- **COMFORT OF USE:**
DYNACO wireless detector at the bottom.
- **ADVANCED DRIVE:**
Frequency driven motor and encoder for smooth operation. Wearing elements are reduced to a minimum.
- **DYNALOGIC CONTROL BOX:**
User-friendly control box with self-diagnosis.
- **CONFORM TO EN13241-1**

Easy to clean



New “PUSH-PULL^{PT}” Drive Technology



Push-Pull

gear driven technology



inside door

























EN13241-1 STANDARDS

Standard	Ref.	Test acc.	Results
Water permeability	EN 12425	EN 12489	Class 2
Wind load	EN 12424	EN 12444	Class 1*
Wind permeability	EN 12426	EN 12427	Class 1**
Safe openings	EN 12453	EN 12445	Pass
Mechanical resistance	EN 12604	EN 12605	Pass
Unintended movements	EN 12604	EN 12605	Pass
Thermal transmittance	EN 12428	EN 12428	6,02 W/m ² K
Performance (cycles)	EN 12604	EN 12605	1.000.000

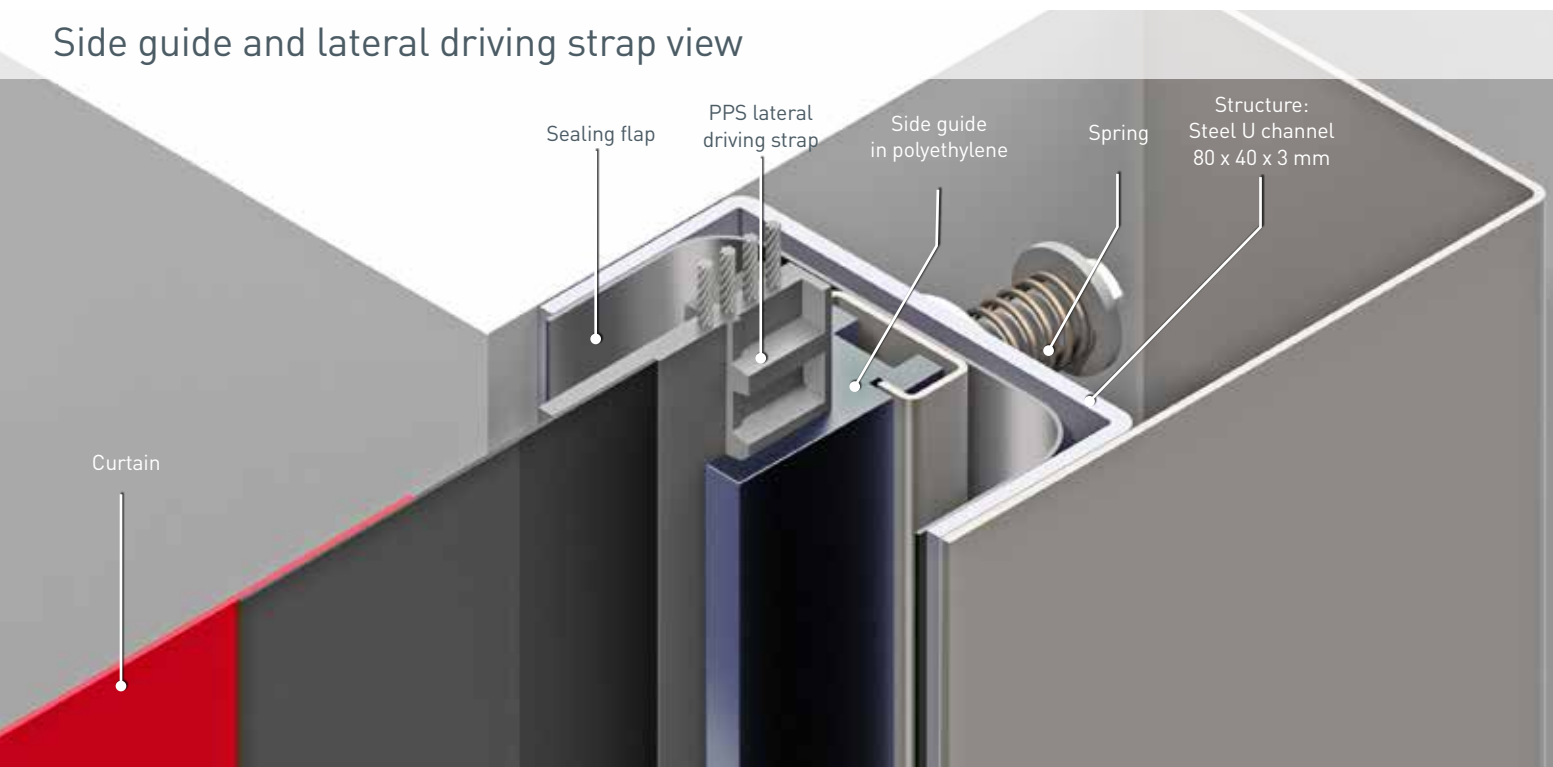
* Interior applications only

** Valid for a door of 3500 x 3500mm

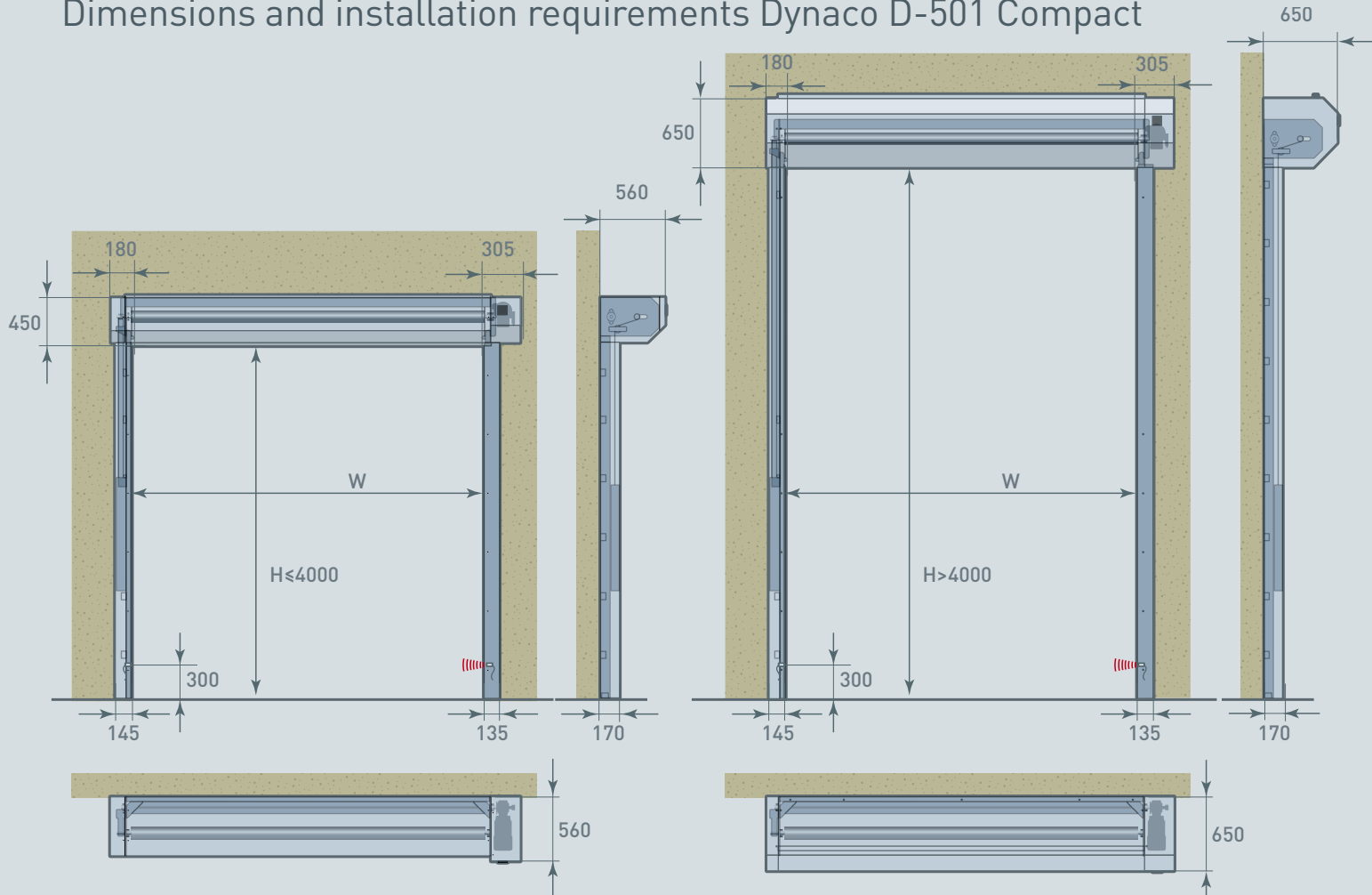
CHARACTERISTICS

Max. dimensions	W 5.500 mm x H 5.500 mm																
Opening speed Closing speed	Up to 2,4 m/s 1,2 m/s																
Structure	Galvanised steel: 80 x 40 x 3 mm. Option: stainless steel.																
Drum	Steel - Ø 102 x 2 mm.																
Side guides	Reinforced polyethylene (PE-UHMW1000), with springs																
Motor	4 poles, without brake-power: 0,75 kW or 1,5 kW (depending on size and opening speed). IP rating: IP65.																
Control box	DYNALOGIC provided with: Circuit breaker, general divider, adjustable timer, push button for opening and reset, emergency stop and frequency inverter. IP rating: IP54																
Standard detectors	Infrared barrier: 300 mm from the floor. Wireless DYNACO detector (WDD).																
Power supply	Single phase 230V 0,75 kW = 14 A / 1,5 kW = 16 A																
Frequency	Frequency: 50-60 Hz																
Available colours comparable with:	<table border="0"> <tr> <td>Yellow RAL1003</td> <td></td> <td>Green RAL6005</td> <td></td> </tr> <tr> <td>Orange RAL2004</td> <td></td> <td>Grey RAL7035</td> <td></td> </tr> <tr> <td>Red RAL3000</td> <td></td> <td>White RAL9010</td> <td></td> </tr> <tr> <td>Blue RAL5002</td> <td></td> <td>Black RAL9005</td> <td></td> </tr> </table>	Yellow RAL1003		Green RAL6005		Orange RAL2004		Grey RAL7035		Red RAL3000		White RAL9010		Blue RAL5002		Black RAL9005	
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Orange RAL2004		Grey RAL7035															
Red RAL3000		White RAL9010															
Blue RAL5002		Black RAL9005															
(Actual colours may deviate. Colour samples available upon request)																	

Side guide and lateral driving strap view



Dimensions and installation requirements Dynaco D-501 Compact



All indicated dimensions are based on exact width and height dimensions only. The space necessary for mounting and maintenance has to be provided.

REMARK: Based on the risk analysis of the environment, extra push buttons, detectors and covers might be required.

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Entrematic offers a comprehensive range of products for industrial, commercial, institutional and residential applications, including sectional doors, loading dock equipment, high-performance doors, residential garage doors, pedestrian doors, gates and barriers, and automation and operators. Built on nearly 200 years of accumulated expertise, Entrematic aims to be the most dynamic, innovative company in the entrance automation industry, and the best partner for dealers and installers. Our well-known brands include Normstahl, Dynaco, Ditec and EM.

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The Dynaco products are protected by worldwide registered patents. As part of its policy of continuous product development, Entrematic Belgium NV reserves the right to change the characteristics of its products or components without prior notice.

Disclaimers:

For a correct use of our products, please refer to our manual.

Everything that is mentioned in this brochure is only valid under the terms of use in the user manual and on condition that the door was properly installed and maintained and has not undergone abuse nor neglect.

ENTREMATIc BELGIUM NV
 Waverstraat 21
 B-9310 Moorsel-Aalst (Belgium)
 Tel. +32 53 72 98 98
 Fax. +32 53 72 98 50
 info.dynaco.eu@entrematic.com
 www.dynacodoor.com

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