



DYNACO D-501 POWER

Push-Pull
gear driven technology

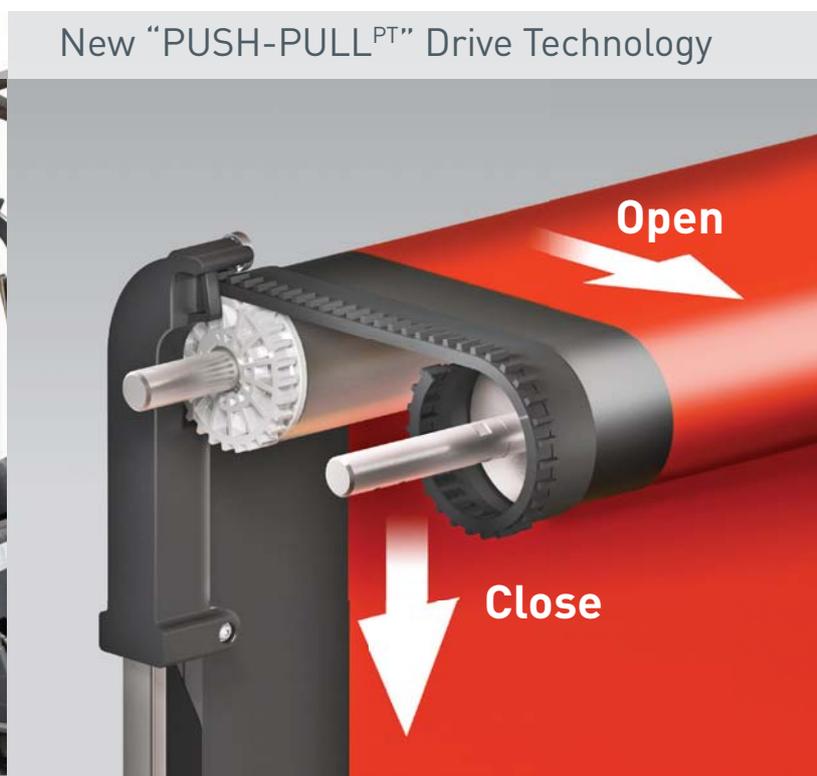


outside door

DYNACO D-501 POWER

The DYNACO D-501 POWER is designed for medium sized outside applications with intensive use. The lower ends of the side guides are reinforced to resist high windloads. The improved “Push Pull” belt and reintroduction system increase reliability and comfort of use. The DYNACO D-501 Power operates fast, smoothly and silently. It protects your environment against drafts, humidity, dust and dirt. Operating speed and superior 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**



Push-Pull

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outside door

EN13241-1 STANDARDS

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

* The indicated class for wind resistance applies for maximum dimensions. For doors up to W 4.000mm x H 5.500mm: Class 3

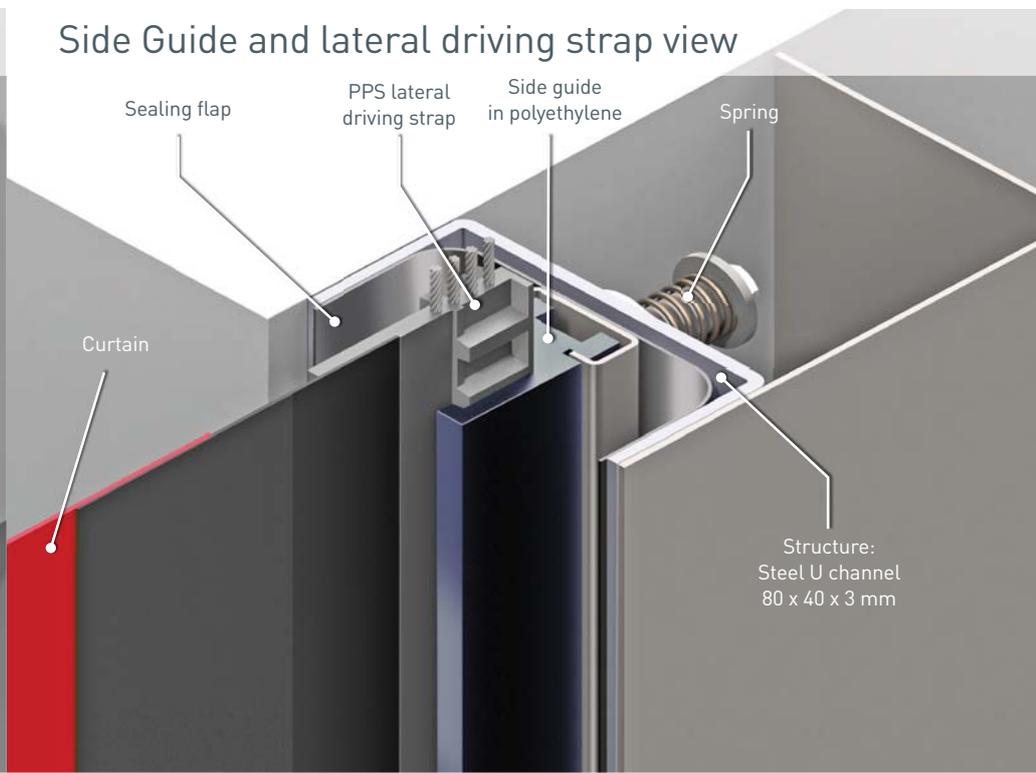
CHARACTERISTICS

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), on springs. Lower 300 mm of side guides reinforced.																
Motor	4 poles, without brake-power: 1,5 kW. 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 Frequency	Single phase 230V - 18 A Frequency: 50-60 Hz																
Available colours comparable with:	<table border="0"> <tbody> <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> </tbody> </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]																	

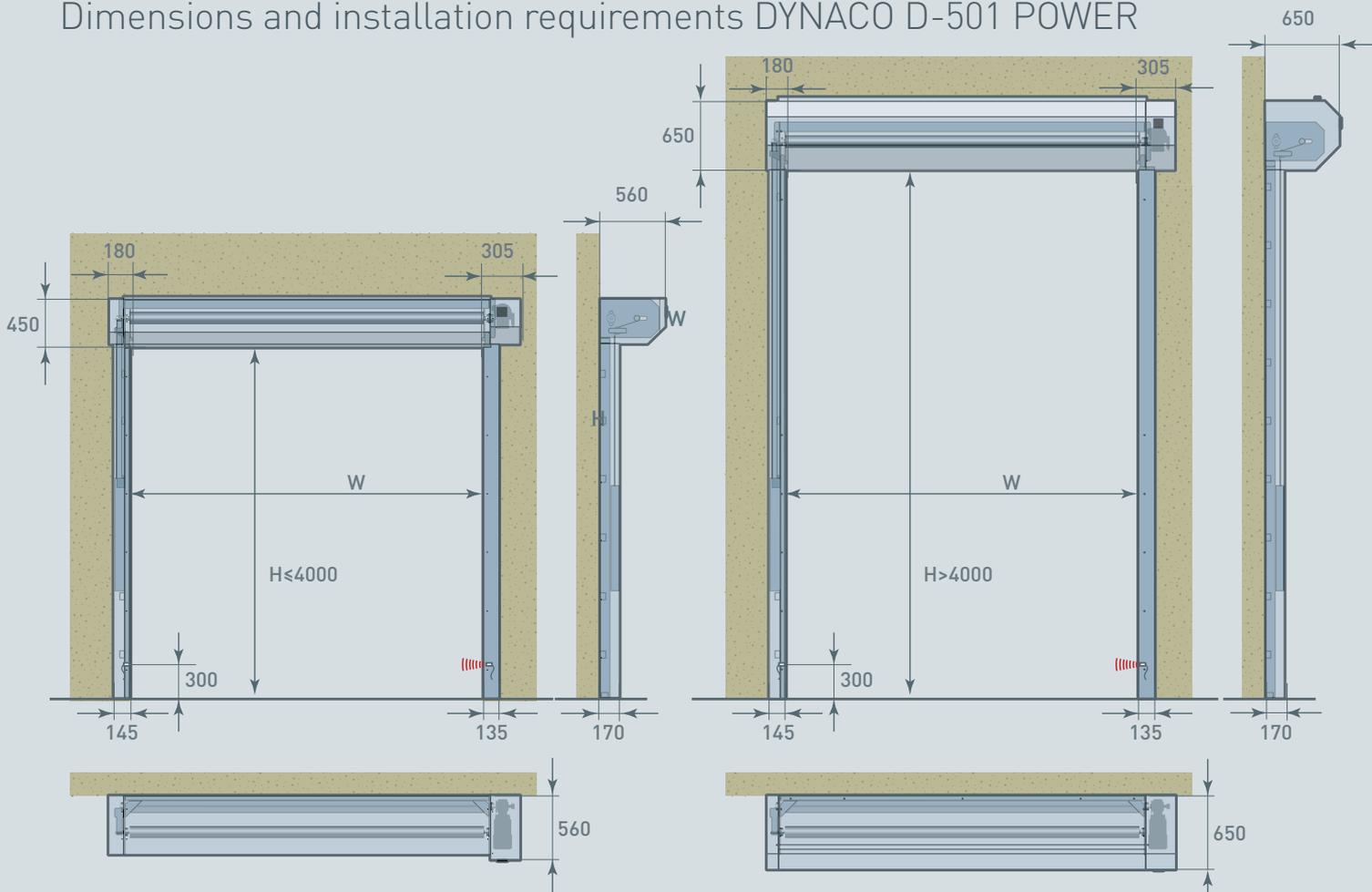
Increased wind resistance



Side Guide and lateral driving strap view



Dimensions and installation requirements DYNACO D-501 POWER



All indicated dimensions are net: 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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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.

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ENTRE//MATIC

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