PACK door is a fold up door composed by perimeter self-supporting frame in galvanized steel and a PVC curtain reinforced with horizontal steel bars to assure a wind resistance up to 160 Km/h. Curtain is lifted by strong belts and collected on top.

The patented conical guides give to the PACK a low air permeability and a good performance in case of high wind load. Studied for heavy industry too is suitable for all kind of industries. Perfect for internal and external applications, for big openings and designed for a long life.

PACK is the right solution in case of strong wind and depressions.

- Wind resistance up to 160 km/h
- Working in depression/ pressure up to 120 km/h
- Basic automation

<table>
<thead>
<tr>
<th>ADVANTAGES</th>
<th>PACK APPLICATIONS</th>
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</thead>
<tbody>
<tr>
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<td>Fold up door with conical columns and double motors ideal for:</td>
</tr>
<tr>
<td>The patented conical guides give to the PACK a low air permeability and a good performance in case of high wind load.</td>
<td>✓ Waste treatment</td>
</tr>
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<td>✓ Airport</td>
</tr>
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<td>✓ Industry</td>
</tr>
<tr>
<td></td>
<td>✓ Heavy industry</td>
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<td></td>
<td>✓ Crane door</td>
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<td>✓ Chemical</td>
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<td></td>
<td>✓ Shipyard</td>
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<td></td>
<td>✓ Agriculture</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Standard</th>
<th>Rif.</th>
<th>Test acc.</th>
<th>Results</th>
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<tr>
<td>Water permeability</td>
<td>EN 12425</td>
<td>EN 12489</td>
<td>Class 1</td>
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<tr>
<td>Wind load</td>
<td>EN 12424</td>
<td>EN 12444</td>
<td>Class 4</td>
</tr>
<tr>
<td>Wind permeability</td>
<td>EN 12426</td>
<td>EN 12427</td>
<td>Class 0</td>
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<tr>
<td>Safe openings</td>
<td>EN 12453</td>
<td>EN 12445</td>
<td>✓</td>
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<tr>
<td>Mechanical resistance</td>
<td>EN 12604</td>
<td>EN 12605</td>
<td>✓</td>
</tr>
<tr>
<td>Unintended movements</td>
<td>EN 12604</td>
<td>EN 12605</td>
<td>✓</td>
</tr>
<tr>
<td>Thermal transmittance</td>
<td>EN 12428</td>
<td>EN 12428</td>
<td>6.02 W/m²K</td>
</tr>
<tr>
<td>Performance (cycles)</td>
<td>EN 12604</td>
<td>EN 12605</td>
<td>1,000,000</td>
</tr>
</tbody>
</table>

VALUES CAN CHANGE DEPENDING ON DOOR DIMENSIONS
**FEATURES**

**Maximum dimensions**
- W: 20,000 mm x H: 15,000 mm

**Speed**
- Max opening speed: up to 1 m/s
- Closing speed: 1 m/s

**Wind resistance**
- Standard Class 2 up to 35 m², further on project till Class 4

**Structure**
- Self-supporting

**Frame / motor cover hood**
- Standard: Galvanized Steel
- Optional: Powder coated Steel, Stainless Steel 441/304/316

**Telo**
- Standard: PVC curtain fabric 900 gr/m²
- Optional: Insulated 3 mm, Insulated 7 mm, Translucent 35/40%, FDA (white), Antistatic

**Control panel**
- Standard: Powder coated Steel box IP54 (300 x 500 x 150 mm)
- Optional: Stainless Steel, PVC box IP65 (300 x 400 x 150 mm)

**Contactors**
- Thermaic modular protection
- Power supply 3-ph, 3-230V
- Power supply 3-ph, 3-400V
- Star/Stop Button
- Emergency stop button
- IP rating for motor and control panel IP54

**Safeties**
- Standard: Photocells set IP65, WiFi safety edge IP65
- Optional: Multi ray light curtain barrier H2500 IP67

**Emergency opening**
- Standard: Hand crank
- Optional: Counterweight system, Chain system

**AVAILABLE COLOURS**
- Simil RAL 1015
- Simil RAL 1003
- Simil RAL 2004
- Simil RAL 3002
- Simil RAL 8014
- Simil RAL 9005
- Simil RAL 9006
- Simil RAL 7035
- Simil RAL 7042
- Simil RAL 7037
- Simil RAL 7035
- Simil RAL 7037
- Simil RAL 6026
- Simil RAL 6018
- Simil RAL 5012
- Simil RAL 5002
- Simil RAL 5010
- Simil RAL 9006

**DOOR SPACE REQUIREMENTS**

**FEATURES**

**Advising operative temperature**
- Operating till -30° C + 70° C - Not apt to be installed in negative/positive temperature

**Cycles (EN 12604)**
- 1,000,000 (tested)

**COAT STIFFENING / LIFTING SYSTEM**

**SEALING SYSTEM**

**FIXING DETAILS**

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