

Compact Industrial Doors

By Rolflex

PRODUCT OVERVIEW



The Compact door by Rolflex uses a unique patented folding system. On opening, the door folds upwards within the side tracks above the door space. The smooth and quiet movement uses little energy and the stable guide profile with abrasion-resistant frame ensures smooth operation.

The system provides more usable space for services, loading bays, crane gantries and vehicle maintenance equipment. Large panes of glass can be fitted in the door, allowing in plenty of daylight. The Rolflex Compact industrial door is fully-automated. Compact Doors are easy to operate and is maintenance friendly.



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KEY FEATURES & BENEFITS

- Made from insulated sandwich panels covered with aluminium stucco finished cladding
- Aluminium U-profiles on top and bottom provide extra strength and stability
- Highly water resistant
- High temperature resistance
- High seal degree
- High wind protection
- Noise reduction



- ✓ Does not obstruct lighting
- ✓ Customised to fit the warehouse design
- ✓ Allows flexibility in building the warehouse
- ✓ Does not damage ceilings
- ✓ Fits into corners
- ✓ Low maintenance
- ✓ Minimum operating noise
- ✓ Optimises space for storage
- ✓ Allows piping, and crane and sprinkler systems installation
- ✓ Can be retrofitted in small spaces
- ✓ External installation
- ✓ Suitable for various applications; automotive, transport & logistics, commercial buildings, emergency services, explosive environment and special projects

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CUSTOMISED TO YOUR REQUIREMENTS



Basic

Windows

Combi

Full Vision

Full Light

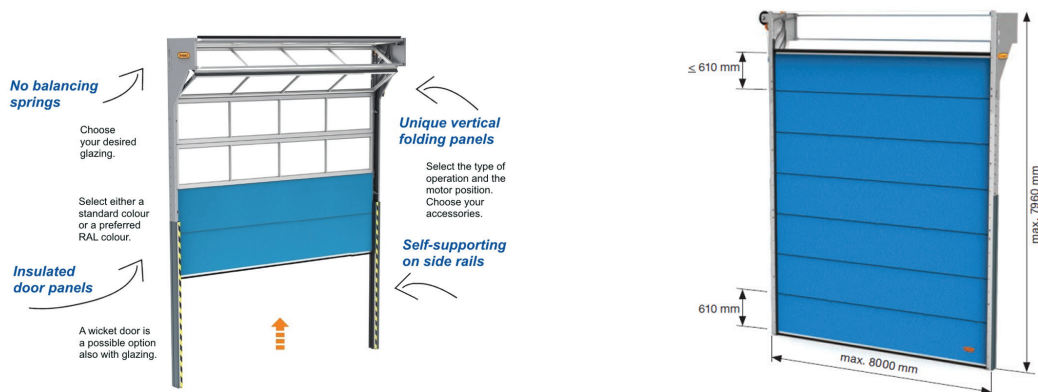
Wicket Door

Side Door

TECHNICAL SPECIFICATIONS

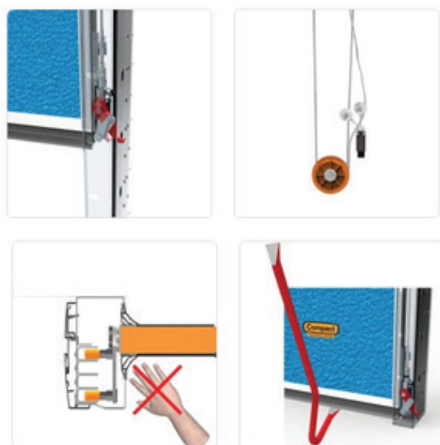
Compact doors are custom-made according to your requirements.

Design the doors for your warehouse by selecting the desired glazing, the colour, door operation type and motor position.



SAFETY FEATURES

Compact Doors are manufactured according to European safety standards EN-12604 en EN-12453 Delivery according to EURO norm EN13241-1 and CE-certificate.



- **Fall safety device**
Prevents the door blade from falling down in case the steel cables snaps. The bottom brackets catches on the holes along the side rails.
- **Slack cable protection**
The motor disconnects when the cable tension is gone
- **Front and side rail covers**
Safety covers with warning tape to prevent injury to fingers and hands
- **Anti-lift system, anti-theft device**
The door blades are held in position automatically by the bottom brackets in the side rail holes.

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OPERATIONS

Electrical operation with controlbox CS300



Opening of the door

After an impulse the door will completely open automatically.

Closure of the door

The supervisor who is operating the door will keep control of the closing door. In case of any dangerous situation, he will stop the door immediately.



Detail CS300



Automatic closure of the door with the light curtain safety

With this safety device, it is possible to close the door automatically without the supervision of an operator. The light curtain controls the door opening till a height of 2500mm and detects obstacles.

Once the safety device is activated the closing movement will stop and the door will go up again, thus avoiding danger to materials and persons

MOTOR AND SPECIFICATIONS

Motor	RC150	RC175	RC250	RC300	RC300T
Speed (cm/sec) ¹	19 cm/sec	19 cm/sec	19 cm/sec	19 cm/sec	15 cm/sec
Voltage (volt)	1 x 230 V	3 x 400 V	3 x 400 V	3 x 400 V	3 x 400V
Power (ampere)	6,5 A	2,8 A	3,3 A	3,4 A	3,4 A
Power (kilowatt)	0,75 kW	0,75 kW	1,1 kW	1,3 kW	1,3 kW
Frequency (hertz)	50 Hz	50 Hz	50 Hz	50 Hz	50 Hz
Plug (neutral not necessary)	2- pin, 16A	5- pin, 16A	5- pin, 16A	5- pin, 16A	5- pin, 16A
Potential free contact	4	4	4	4	4
Duration (%) ²	25%	60%	60%	60%	60%
Cycles open/close per hour	12x	20x	20x	20x	20x
Protection class ³	IP54	IP54	IP54	IP54	IP54
Max. weight doorblade (kilogram)	155 Kg	190 Kg	275 Kg	389 Kg	455 Kg

¹ The Compact door is also available as a high speed door. Opening speed till 60cm/sec.

² The switch duration is an indication of the number of door cycles. In case of intensive use it is possible to choose an 80% motor (30x open and closing per hour).

³ The motor is standard protected against dust and water increase (IP54). In a wet environment it is possible to choose a IP65 protection.

Rolflex was founded in The Netherlands BV in 1978. The company developed Compact door in the mid-nineties and have been manufacturing them in The Netherlands. This unique patented door has been continuously improved and are produced to the exact specifications and demands of the customer.

Contact

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