



Automatic residential overhead doors



DITEC Automatic residential overhead doors



The modern solution for garage doors.

- improve the look of the building in which they are fitted
- make life easier
- meet safety requirements

They replace traditional garage doors and offer a variety of practical and surprising advantages.



▶ **Minimum bulk and more space available inside and outside your garage**

DITEC overhead doors take up very little room and leave plenty of space free inside and outside the garage; the car can be parked almost in contact with the door, which can be opened and closed by sliding vertically on side runners, until it is close to the ceiling.



For openings up to 5.5 m width
Minimum lintel overall dimensions 160 mm

► **Easy and functional opening and closing**

With original DITEC motorisation, all you have to do to silently open and close your garage is lightly touch the remote control.

The manual versions are also easy to operate because they are balanced with torsion springs. Extreme conditions do not represent a problem: ice and snow are not obstacles for DITEC overhead doors.

► **More comfort for the environment**

DITEC residential overhead doors are sturdy and fully weather resistant. They provide excellent insulation against heat and sound thanks to the insulated panels (steel or wood). They improve liveability and inside conditions and also cut energy costs.

► **More light inside**

Elegant windows and practical portholes in anti-break glass or polycarbonate can be fitted for more highly illuminated interiors.

► **For new and renovated buildings**

DITEC residential doors are practical and flexible; they enhance new buildings and also allow quickly and accurately replacing old traditional doors.

► **Accessory control and safety**

DITEC provides a wide range of accessories: from ergonomic handles to command, control and security systems.

All DITEC original accessories have been designed to enhance the door, ensure long-term reliability and safe operations.

► **Reliability**

DITEC has obtained ISO 9001-VISION 2000 and IQ NET Certifications.

All the CE marked products are made in compliance with high safety standards.

► **Overhead doors enhance the building and meet any requirement**

The design and various solutions presented, with versions in steel and wood, allow perfect aesthetic integration in any architectural context, both classic, rustic or modern.

Coefficient of thermal insulation
Value calculated with door installed
(certified value)
K = 1.51 W/m²K



 **Models**



PARIS ≤ PL 5500 mm x PH 3000 mm



ROME ≤ PL 5000 mm x PH 3000 mm



OSLO PL 5000 mm x PH 3000 mm



MONTREAL PL 5000 mm x PH 3000 mm



BERN PL 5500 mm x PH 3000 mm

▶ Distinctive features of available models

DITEC overhead door panels are rugged and feature high thermal insulation and soundproofing.

VERSIONS	PARIS	ROME	BERN	WIEN	OSLO	MONTREAL
With panels	/		/		/	
Cassette design		/		/		/
Material	<p>Pre-painted, galvanized steel sandwich panels version. Thickness 40 mm, 500 mm and 610 mm heights. Insulation by high-density, polyurethane foam (40 kg/m³), CFC-free. Motifs with horizontal louvres or with central panel. Cassette design with streaked-effect embossing.</p>		<p>Profiled sandwich panel version with double hot galvanised steel plate covered in imitation Teak wood (plain). Thickness 40 mm, heights 500 mm and 610 mm. Insulated with CFC-free high-density polyurethane foam (40 kg/m³). Motifs with horizontal louvres. Imitation teak wood colour (plain).</p>		<p>Sandwich panel versions consisting of a double wall made of melamine multiply okumé wood with solid-fir carrying frames and matting placed in between. Thickness 40 mm, heights that vary between 400 mm and 500 mm. CFC free preformed polystyrene insulation (30 kg/m³). Horizontal-louvre configuration (2, 3, 4) or with cassette motif stamped with pantograph. Possibility of vertical cutting according to covering thickness</p>	



PARIS



BERN



OSLO



ROME



WIEN



MONTREAL

▶ Available colours and finishes

▶ Paris - Rome

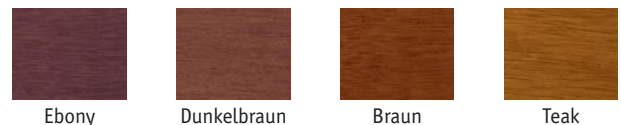
Steel panel sandwich versions.



The colours printed on paper may not correspond to the original. Reference should be made to the official RAL charts, including for any personalised colours.

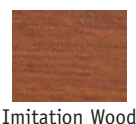
▶ Oslo - Montreal

Wood sandwich versions.



▶ Bern - Wien

Sandwich version in hot-galvanised steel covered in imitation Teak wood (plain).



▶ Safety devices for trouble-free operation

DITEC provides a series of standard safety devices.

▶ Perimeter seals

The seals in special anti-age rubber are positioned on the ends of the door and sides of the transit opening.

They ensure excellent insulation and prevent any infiltration of air, dust and water.



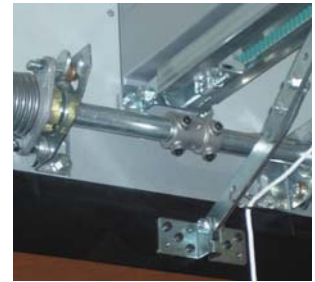
▶ Pinch-proof guard

Prevents any risk of fingers being trapped while the covering is moving.



▶ Spring anti-break safety device

This special, built-in safety device, positioned in the spring bearing, instantly blocks the movement of the torsion shaft and, consequently, of the door, should one of the springs break.



▶ Cable anti-break safety device

The traction cable eyelet coupling (for the motorised versions) and the special "parachute" device instantly stop door covering movement in the event of breakage of the pulling cables (standard on manual versions).



▶ Infra-red photocells

Fitted on vertical door uprights or special supports, these stop and immediately reverse the downward movement of the covering if the infra-red beam is interrupted.



▶ Safety rib

This is fitted into the bottom seal of the panel and, in the event of obstruction, it dampens the impact and instantly reverses the movement of the door.



▶ Accessories to meet any personal requirements

▶ Lifting handles

Sturdy and ergonomic, these are designed for convenient manual operation.
Exclusive Ditec design.



▶ Windows, portholes and ventilation grilles

Windows in lacquered aluminium to allow more light to enter the interior and porthole in double sheet of polycarbonate or anti-break glass, without sacrificing good looks.
Various solutions, for all interior styles, all of which are anti-break-in.

Ventilation grilles in PVC to prevent damp condensation and allow normal ventilation and any fumes to escape.



► **Pedestrian doors**

For frequent uses such as pedestrian transit, a solution is presented with separate side entrance and with pedestrian door integrated in the covering of the overhead door itself, while in both cases always maintaining the same smart door appearance.



► **Coverings / Columns**

For transit opening applications, die-cast bent coverings and tubular columns painted in the same colour as the door.



► **Motor or lock bolt release**

Knob-type outside handle; hammer-type inside handle for motor/lock bolt release.



Globe

The ideal automation:

- Rugged motor for total reliability
- Technological core for operational safety
- Elegant and attractive design
- Original DITEC automation



Globe drive unit, fitted to the ceiling and equipped with original DITEC command, control and safety accessories can effectively automate any type of overhead garage door.

By means of a remote control you can drive directly into your garage, which will already be lit for security reasons and for better visibility when it is dark and when the weather conditions are bad. The state-of-the-art encoder technology system, which controls door movement, speed and slowing down detects the presence of any obstacles and provides maximum operational safety.



Automation
with encoder
powered
by 24 V DC motor

Distinctive features of available models

	GLOBE 7	GLOBE 10
Description: Electromechanical actuator	for overhead and balancing doors with springs	for overhead and balancing doors with springs
Max. capacity	7 m ²	10 m ²
Type of use	frequent	frequent
Intermittence	S2 = 30 min / S3 = 50%	S2 = 30 min / S3 = 50%
Power supply	230 V~ / 50-60 Hz	230 V~ / 50-60 Hz
Insulation rate	Class 1	Class 1
Current	0.7 A	1.2 A
Torque/Thrust rate	500 N	900 N
Opening speed	0.15 m/s (chain) – 0.18 m/s (belt)	0.15 m/s (chain) – 0.18 m/s (belt)
Closing speed	0.10 m/s (chain) – 0.12 m/s (belt)	0.10 m/s (chain) – 0.12 m/s (belt)
Release for manual opening	by cable	by cable
Operational temperature	-20°C / +55°C	-20°C / +55°C
Protection degree	IP 10	IP 10
Dimensions	490x208x124 mm	490x208x124 mm
Control panel	70R (built-in)	71R (built-in)

Main functions of the automation system and control panels

	GLOBE 7 70R	GLOBE 10 71R
Description: Control panels	for 1 x 24 V motor = with integrated radio	for 1 x 24 V motor = with integrated radio
Mains power	230 V~ / 50-60 Hz	230 V~ / 50-60 Hz
Battery back up provides power supply in the event of power failure	/ (optional)	/ (optional)
Number of motors	1	1
Motor power supply	24 V= / 8 A	24 V= / 12 A
Accessory power supply	24 V= / 0.3 A	24 V= / 0.3 A
Electric lock		24 V= / 1.2 A
Flashing light indicates automatic closing for 3 seconds	24 V	24 V
Automation open indicator indicates closing has not been completed		analogue
Courtesy light	/	/
Encoder by means of the learning operation, the system recognised the mechanical stops and controls speed and deceleration during following operations	/	/
ODS – Obstacle detection enables operation stopping or reversal in case of obstacle detection	/	/
Braking /Deceleration for optimum approach		/
Opening command	/ (with dip-switch)	/ (with dip-switch)
Partial opening command	/ (radio only)	/ (radio only)
Timed automatic closing	/	/
Step-by-step control	/	/
Stop safety	/	/
Reverse safety	/	/

▶ Accessories

The broad range of DITEC accessories provides entrance systems with various command and control options.



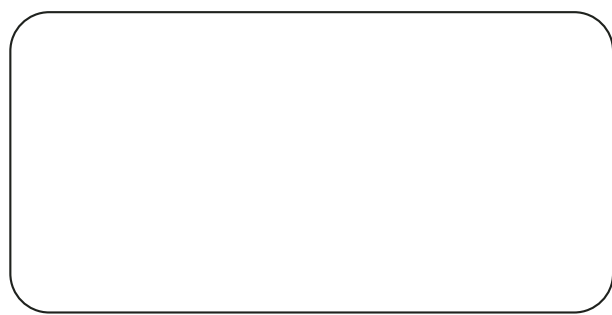
Bix radio remote controls
With individual code, that can not be copied, stored in the EEPROM, 16-million code combinations, rolling code technology. Approved and in compliance with directives.

▶ Regulations

Use only DITEC accessories and safety devices for automation system installation.

They are designed and built in compliance with the safety requirements defined in the Machinery Directive (98/37/EC), Electromagnetic Compatibility Directive (89/336/EEC) and Low-Voltage Directive (73/23/EEC). DITEC S.p.A. reserves the right to make any changes whatsoever in order to upgrade its products.

DITEC products are constantly improved. As a consequence technical data as listed in this leaflet are not to be considered binding. Further information can be found in the technical manuals available on website www.ditec.it



▶ **Bix S – Transmitter stand**
Elegant design, can be positioned on any surface: from car dashboard to garage or house wall. The remote control unit is easily positioned in its convenient housing and is always at disposal.



▶ **Xel 2 infra-red photocells**
Enables the automation to operate at maximum safety levels. For wall or column fitting. Modulated infra-red beam.



▶ **Xel 5 key switch**
High security, vandal-proof device. For wall or column fitting.



▶ **Lan 4 digital combination systems**
Anti-vandalism digital combination keyboard with secret code up to 8 figures.



▶ **Sof safety ribs**
Ensure maximum safety during opening and closing of all entrance systems.



▶ **H lamp**
24 V flashing light with flash controlled from control panel.



▶ **Teo L digital combination transmitter**
4-channel programmable radio remote control. It provides for radio opening of automatic entrances, by means of a code. Suitable for wall mounting.



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ISO 9001
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