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AUTOMATIC DOORS

**MODULAR
FLEXIBLE
EASY**



—
Professionals in
the **automatic
door** sector for
over **30 years.**

A HISTORY OF SUCCESS

We actively operate in the automatic door market thanks to the **development of our own technology** and a team of professionals, who work for the complete satisfaction of our customers.

We **produce, install** and **maintain** automatic doors.

PRODUCTION

We follow and advise our clients at every stage of the project realisation, developing together with them the best solution for their needs.

INSTALLATION

Our products are designed to be flexible.
Our automation systems are already assembled and wired so that they are easy to install and test.

MAINTENANCE

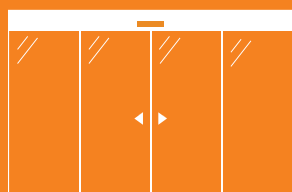
Our team of experienced technicians is at your disposal, carrying out service work quickly and professionally.

Sliding door operator

FLEX

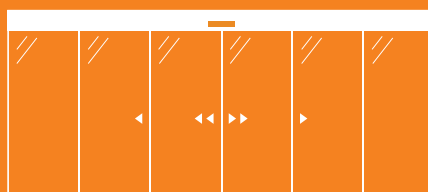
The sliding door operator **FLEX** is designed to be flexible and adapt to a wide range of applications.

From side and central sliding doors to multi-leaf telescopic ones up to applications with the highest aesthetic and architectural impact, such as automation for curved, semicircular or angular automatic doors.



Automatic door with side or central sliding

Quick and easy access for heavy traffic.



Telescopic door with 2 or 4 leaves

Maximum clearance with a modular approach.



Emergency exit and breakout system

Folding doors or with 'd' performance level – redundant type



MODULAR

We optimise profiles and components to reduce material and increase efficiency.



FLEXIBLE

This operator is suitable for a variety of entrances such as 1- or 2-leaf sliding doors, telescopic ones or with a breakout system.



EASY

Our mission is to make automatic doors easy in all aspects, from implementation to use.



Sliding door operator

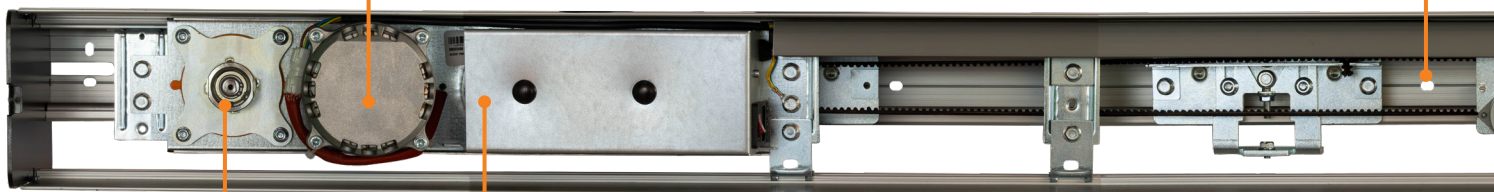
FLEX

PRE-DRILLED PROFILE

A series of slots on the profile allows **quick and precise fastening.**

RELIABLE MOTOR

Powerful **AC induction motor.**
Available in 1- or 2-motor versions.



TRANSFORMER

Reliable power source with **fuse and light switch.**

ROBUST DRIVE

Robust, reliable and durable belt drive. It ensures **fast and quiet operation** over time.

DIFFERENT DOORS, ONE OPERATOR

The special feature of this operator is its flexibility for different applications.

With FLEX operator it is possible to design sliding doors with central or side opening, doors with folding leaves for emergency exits or redundant type, telescopic doors with 2 or 4 leaves or special designs such as curved or angular sliding doors.

Sliding door operator

FLEX

DIGITAL ENCODER

It allows precise **control of the door position.**

ADVANCED ELECTRONICS

Powerful electronics, allowing advanced management of the automatism.

It is **supplied** fully **plug and play and already wired.**

AUTOMATIC LOCK

It allows the doors to **be locked** automatically and securely.

RADIO RECEIVER

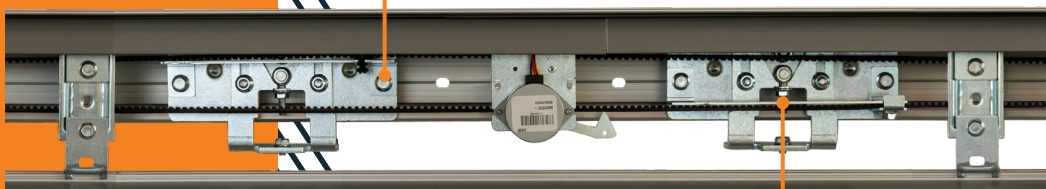
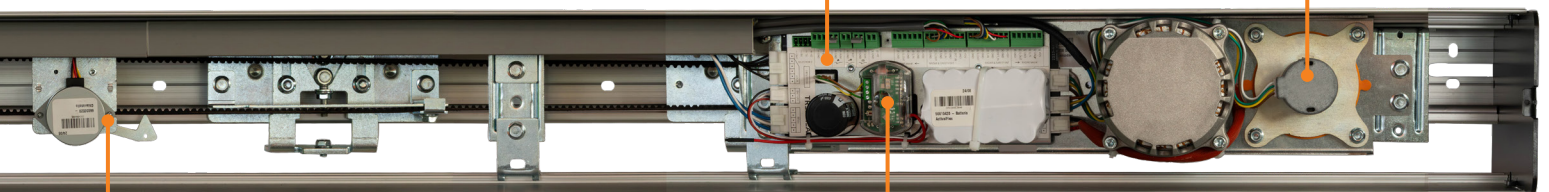
It allows to **manage the functions** of the automatic door **via remote control.**

FRONTAL FIXING

All the elements are designed to be **fastened from the front** of the operator to facilitate installation and maintenance.

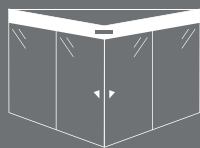
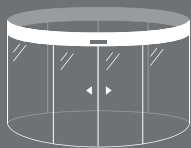
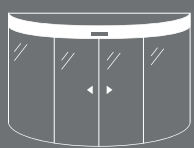
WIDE ADJUSTMENT

Up to 14 mm of door height adjustment.





FLEX operator can also be used for curved and angular sliding doors or other **special projects**.



Leaves

We offer a **wide range of colours** to customise your door.

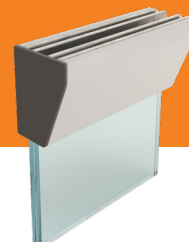
20 mm profile for 10 mm mortise glass.



45 mm leaf with glazing bead.



All-glass leaf with clamp attachment.





Sensors



Infrared sensor for presence and motion detection.
Useful as a side **security sensor**.



Infrared sensor for presence and motion detection.
Large detection and safety area.



Infrared and microwave sensor with supervisory control and wide adjustment.
Used for emergency exits.

Selectors

The selectors are used to select one of the 4 door operating modes:
automatic, locked, exit only or open.

DIGITAL selector



KEY selector



WIRELESS selector



Other accessories

- ▶ Contactless opening
- ▶ Opening button
- ▶ Interlocking system
- ▶ Badge opening
- ▶ External opening key
- ▶ Automatic lock




Application regulations

- ▶ Machinery Directive 2006/42/CE
- ▶ Low Voltage Directive 2006/95/CE
- ▶ Construction Products Regulation 305/2011/CE
- ▶ Electromagnetic Compatibility Directive 2004/108/CE
- ▶ Safety in use EN 16005
- ▶ Product Standard EN 16361

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Single motor	110W
Double motor	220W
Standard power supply	220-240V - 50-60Hz
Operating temperature	from -15°C to 50°C
Rechargeable fail-safe batteries	1x26.4V@700 mAh
Standard operator dimensions	120x190 mm
Double telescopic operator dimensions	120x250 mm
Recommended maximum free height	2400 mm
Maximum clearance	800 mm / 5000 mm depending on the door type
Opening speed for each leaf side/central	from 0.4 m/s to 1 m/s - from 0.8 m/s to 2 m/s
Closing speed for each leaf side/central	from 0.15 m/s to 0.6 m/s - from 0.30 m/s to 1.2 m/s
Maximum acceleration	1.5 m/s



We know every aspect of **automatic doors** because we manufacture them, we install them and **provide maintenance and after-sales service.**



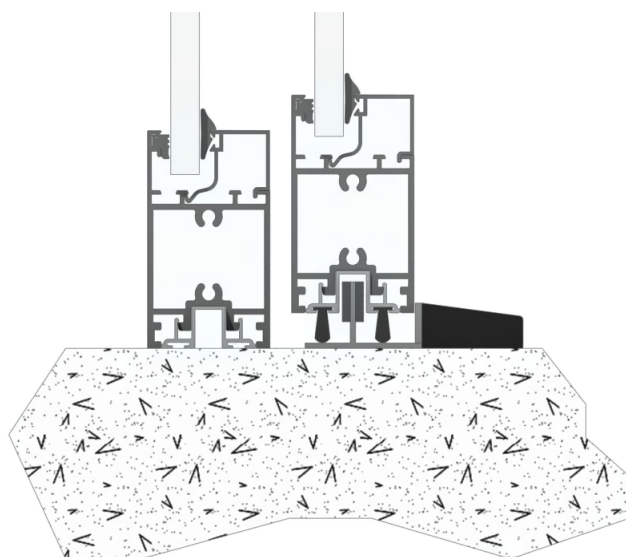
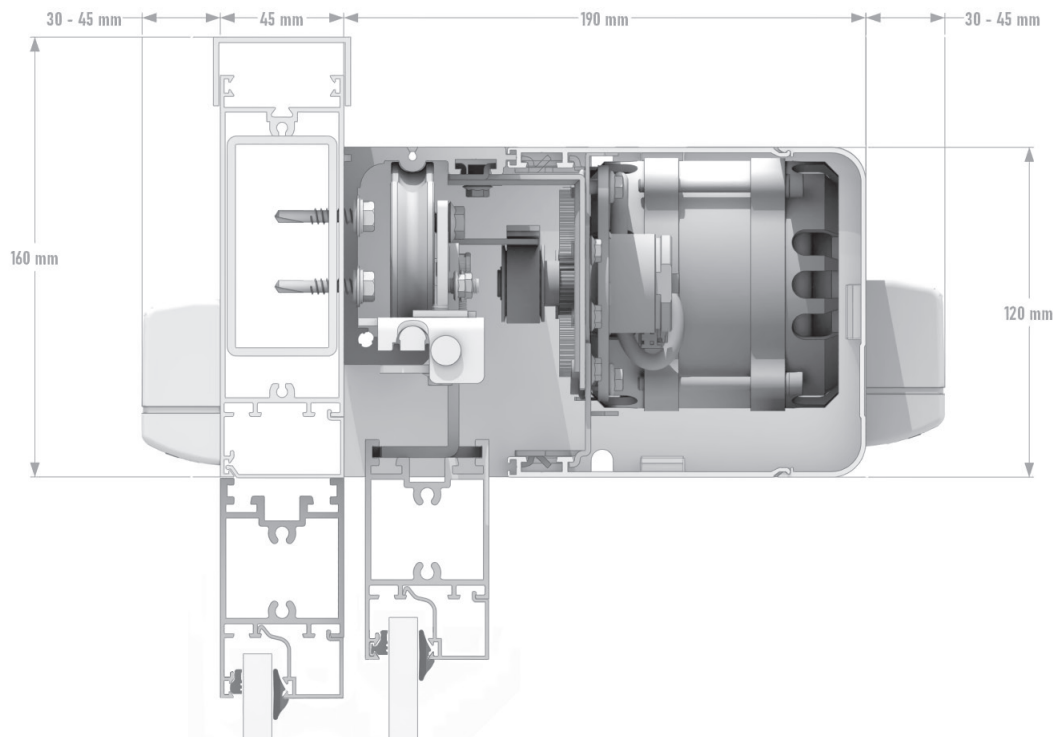
+39 0341 606025

We are available to give you our direct assistance from design to after-sales.

Call us!

Each **TRELINEA** automatic door is equipped with a system number, through which it is possible to identify the door and offer direct and targeted assistance.

SIDE AND CENTRAL SLIDING DOORS



Side



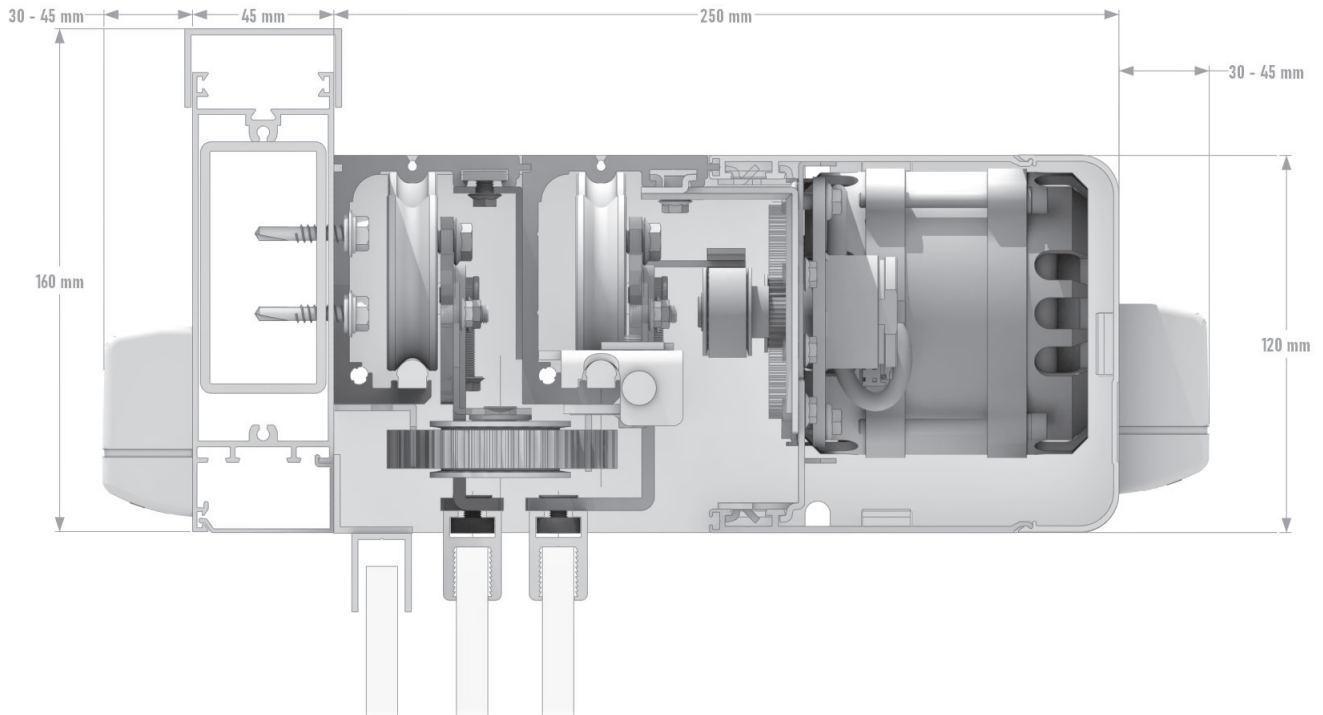
Central



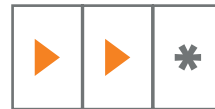
Maximum weight per leaf

	1 leaf - side sliding	2 leaves - central sliding
Single motor	90 kg	60 kg
Double motor	120 kg	90 kg

TELESCOPIC DOUBLE SIDE AND CENTRAL SLIDING



Side



Central



Maximum weight per leaf

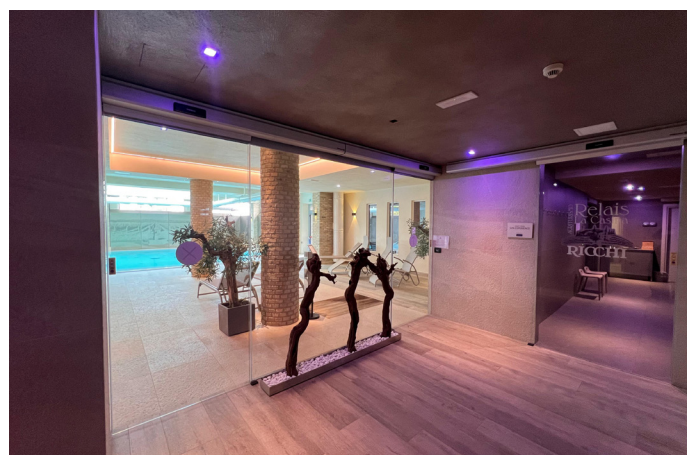
2 leaves - central sliding

Double motor

80 kg

—
Some of our
installations





Visit our website
trelinea.com for more
installations.

Let's keep in
TOUCH

trelinea.com

