

# Dítec

OPEN YOUR WORLD



TESTED  
QUALITY



INTELLIGENT



SAFE

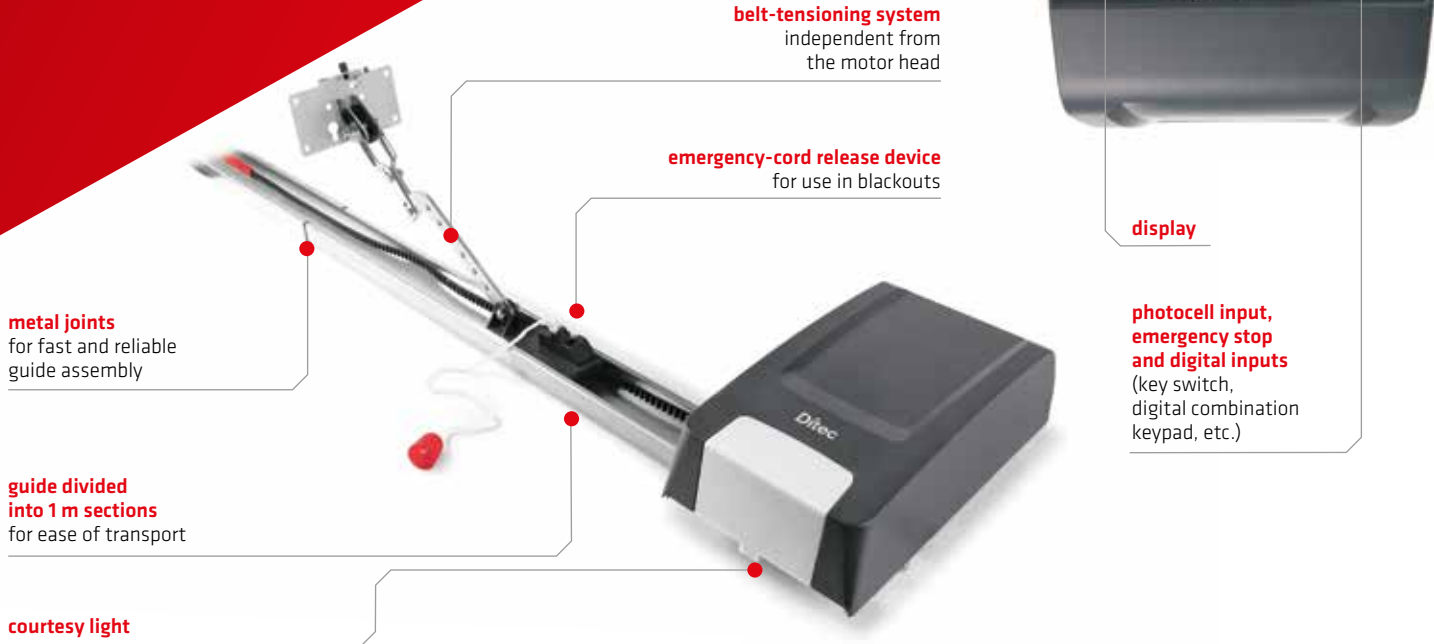
Automation  
system for  
sectional garage doors

# Dítec **TOP**

# Ditec TOP

Ditec TOP is a next-generation automation system for garage doors that is powerful, fast, and quiet, produced with high-quality materials.

The range includes two different 24 Vdc motors for 600 and 1000 N that allow control of doors of up to 210 kg and over 17 m<sup>2</sup> surface area.



## HALVE installation time

- fast guide assembly and ceiling brackets guarantee quick and reliable assembly of the automation system
- self-learning procedure for installation of the motor in just two operations, assisted by the display, navigation pushbuttons and remote control
- operating device can be set at 90° relative to the door opening direction for installation in smaller spaces

## AN AUTOMATION SYSTEM with countless advantages

- the control unit counts the number of opening/closing cycles and uses the courtesy light to tell your customers that the programmed maintenance threshold has been reached
- Ditec TOP is compatible with side doors, and thanks to a specific accessory, also with overhead doors

## GREATER IMPORTANCE PLACED ON THE REQUIREMENTS of your customers

- fast automation system that reduces waiting time between opening and closing phases
- impact-force control guarantees excellent safety for users
- rolling code remote controls and irreversible motor help protect against unauthorised opening
- external release device with key, useful in the case of a loss of power

## FULL COMPLIANCE WITH EU DIRECTIVES AND STANDARDS

- 2014/30/EU - EMCD - Electromagnetic Compatibility Directive
- 2014/53/EU - RED - Electromagnetic Compatibility Directive
- 2006/42/CE - Machines Directive - (Annex II-B; Annex II-A; Annex I-Chapter 1)
- Harmonised EU Standards: EN ISO 13849-1, EN 55014-1, EN 61000-3-2, EN 61000-3-3, EN 60335-1
- Other standards/technical specifications applied: EN 60335-2-95, EN 60335-2-103, EN 55014-2, EN 12453, EN 62233





Discover  
the entire range  
of Ditec brand products  
and specific accessories at  
[www.ditecautomations.com](http://www.ditecautomations.com)



### TESTED QUALITY

An automation system that meets the **highest safety standards**: not only is it compliant with current European standards, **it is tested by TÜV**, an independent international organisation specialised in assessing technological safety and quality.



### INTELLIGENT

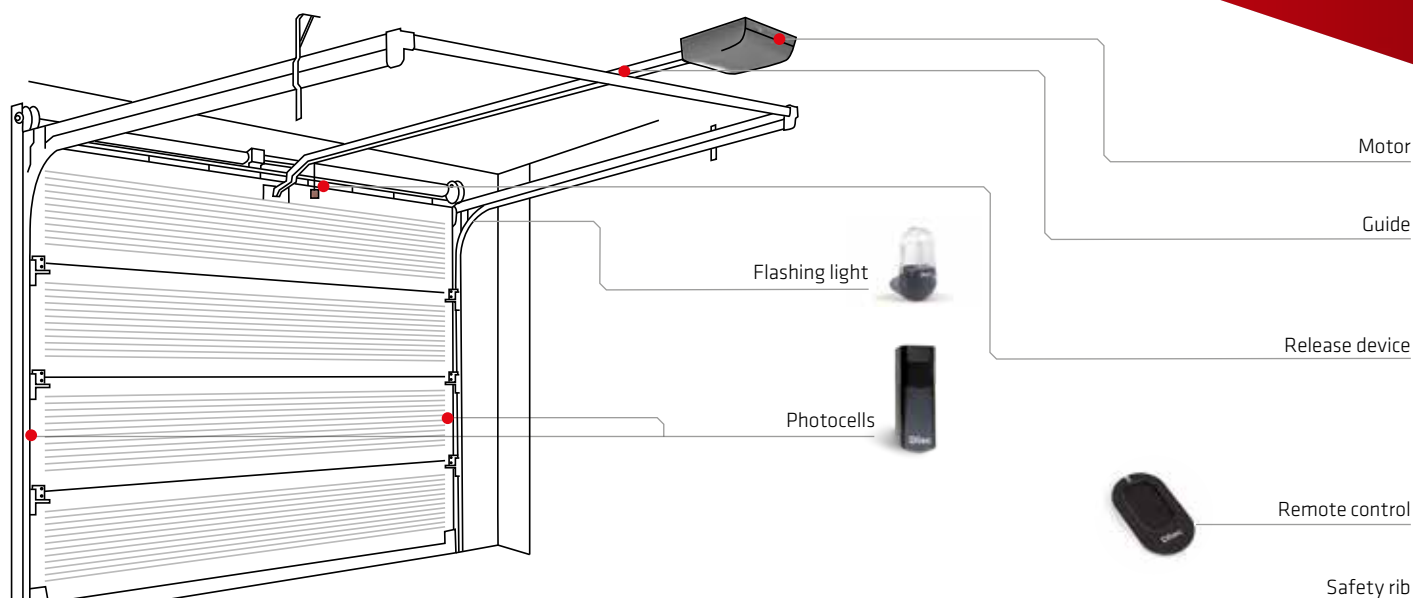
Ditec TOP includes a **fast self-learning procedure that automatically records the power input profile**, allowing the motor to self-regulate over time in case of increased friction and wear.



### 24 Vdc

The 24 Vdc encoder technology enables constant electronic control of the **impact forces and immediate obstacle detection** ensuring that the operating device is stopped or the motion is inverted (if configured).

## Example of installation





## TECHNICAL SPECIFICATIONS

DESCRIPTION	MOTOR TOP603H	MOTOR TOP903H
Electromechanical actuator	for sectional overhead doors up to 116 kg	for sectional overhead doors up to 210 kg
Transmission system	with belt	with belt
Stroke control	encoder	encoder
Max. leaf weight	9.5 m <sup>2</sup>	17.3 m <sup>2</sup>
Duty class	frequent	frequent
Intermittent operation	S2 = 5 min - S3 = 25%	S2 = 5 min - S3 = 25%
Power supply	230 Vac - 50/60 Hz	230 Vac - 50/60 Hz
Motor power supply	24 Vdc	24 Vdc
Torque / Thrust	600 N	1000 N
Power input	140 W	170 W
Opening speed	0.21 m/s	0.21 m/s
Closing speed	0.14 m/s	0.14 m/s
Operating temperature	-20°C / +50°C	-20°C / +50°C
Protection rating	IP 20	IP 20
Noise level	≤ 69 dB (A)	≤ 69 dB (A)
Standard radio frequency	433.92 MHz	433.92 MHz

DESCRIPTION	GUIDE TOP803T3	GUIDE TOP803T4
Maximum stroke of carriage	2890 +/- 25 mm	3978 +/- 25 mm
Maximum door height	2450 mm	3500 mm

## MAIN FUNCTIONS OF THE SYSTEM

DESCRIPTION	TOP603H	TOP903H
Control panel	integrated	integrated
Integrated courtesy light and supplementary courtesy light (in parallel)	■	■
Flashing light	230 Vac - 50/60 Hz*	230 Vac - 50/60 Hz*
Electro - mechanical lock	■*	■
ODS - Obstruction Detection System	■	■
Self-learning procedure	■	■
Cycle counter for scheduled maintenance	■	■
Time setting	■	■
Open control	■	■
Partial-opening control (configurable)	■	■
Timer-controlled automatic closing	■	■
Inching control	■	■
Emergency stop and emergency reverse	■	■
Soft start/ Soft stop	■	■
Automatic force adjustment during movement	■	■
Safety test function	■	■

\* with TOP905AC



Cert. n. 0957/6

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