



**AUTOMATIC ENTRANCE SPECIALISTS**

## Cross 3E Automatic system for sliding gates

CE



### Features

- Modern "encoder" system, without end-of-stroke devices, that detects obstacles and controls the stroke
- Optional "courtesy light" that comes on during manoeuvres
- Possibility of inserting a photocell inside the casing
- Possibility of performing service manoeuvres with the installation of optional batteries
- Very elegant design

The movement of a traditional sliding gate is usually carried out at a constant speed. **Cross 3E** represents an absolutely revolutionary innovation because whilst considering the peculiar features of the straight movement of the gate, it introduces new philosophies of control, acceleration and slowdown of the stroke, ensuring maximum conditions of safety in the case of obstacles.

Cross 3E



**novotecnica**

Automatic gates

# Cross

## Product range

### CROSS 3E

230V AC geared motor, built-in control panel - IP 54 - 24V DC motor with encoder - up to 300 kg per door leaf - max. stroke: 7m - electrical safety guaranteed by a class 2 transformer with double insulation - suitable for use with a rack

### CROSS 3CE

Similar to the previous version but suitable for use with a chain. The geared motor is supplied complete with 5.9 m of chain and locks - available stroke 5.7 m

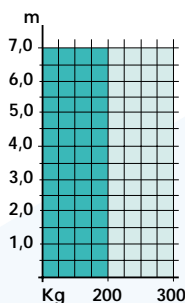
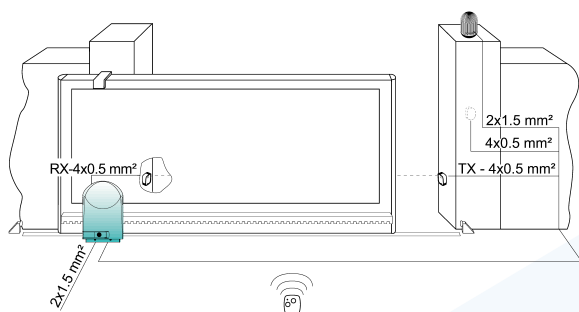
## Construction characteristics

Cross 3 was born by exploiting the extensive experience and **philosophy of moving heavy automatic doors**, combined with the know-how of the encoder system. Indeed, Cross 3 does not feature end-of-stroke devices, but an encoder that automatically detects the end of strokes of the locks when powered the first time and successively controls the strokes, with selectable opening speeds and the slowdown of the moving gate. The geared motor, equipped with a key release for manual

manoeuvres, is irreversible and therefore no supplementary gate-locking device is necessary. Cross 3 is available in a traditional rack version or an innovative chain version that solves numerous practical installation problems.

The "courtesy light" is another welcome feature that makes the gate even more convenient to use.

## Installation example



RECOMMENDED USE █  
LIMIT OF USE █

## Accessories

**BAT K3** Battery kit for power supply in the case of power failure

**LUX K3** Lighting kit to add to product  
**CROSS CRP** Nylon rack with built-in spacer - 20x30x1000 mm

**CROSS CRN** Nylon rack with spacer - 28x20x1000 mm

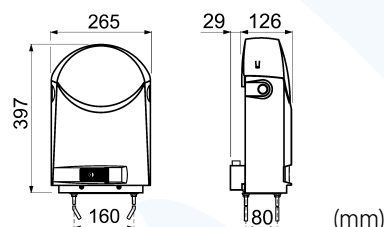
**CROSS CRI** Galvanized steel rack with spacer - 30x12x1000 mm

## Functions of the control panel

Cross 3E/CE

ODS - adjustable obstacle detection	✓
24 V DC output for accessories	✓
Step-by-step or aut. open-close/closure	✓
Partial opening	✓
Output for flashing light 24 V DC	✓
Pre-flashing signal	✓
Gate open warning light	✓
Slowdown	✓
Encoder for stroke and slowdown control	✓
Safety stop	✓
Reversal safety device	✓
Courtesy light (optional)	✓
Emergency manoeuvres with optional battery	✓
Self-controlled safety system	✓
Two selectable opening speeds	✓

## Dimensions



### Cross 3E - Cross 3CE

Mains voltage	230 V AC
Motor voltage	24 V DC
Power	60 W
Absorption	1.2 A
Thrust	150 N
Max operating speed	0,25 m/s
Maximum stroke	7 m
Max. weight of gate leaf	300 Kg
Type of use	frequent
Weight of geared motor	6.2 Kg

## Regulations

DITEC automatic systems possess the CE mark, and are designed and built in compliance with the safety requirements of the Machines Directive (89/392/EEC), the Electromagnetic Compatibility Directive (89/336/EEC) and the Low Voltage Directive (73/23/EEC)

DITEC S.p.A. reserves the right to make changes aimed at improving its products.

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