



AUTOMATIC ENTRANCE SPECIALISTS

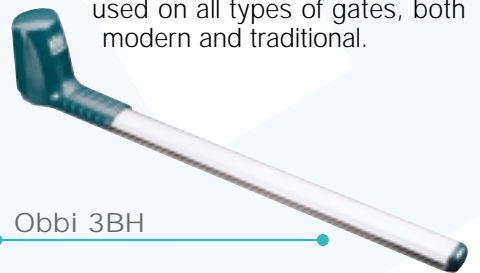
Obbi
External automatic
system for swing gates

CE

Features

- Suitable for moving even gates with very small posts
- Easily accessible key release system
- Possibility of installing batteries for service manoeuvres in the case of power failure
- High level of safety guaranteed by the 24V DC power supply to the motor
- Very elegant design

Gates for residential use very often need to be moved by actuators that not only guarantee long lasting reliability over time, but also blend in well with the aesthetic appearance of the gate. The elegant design of **Obbi** satisfies this requirement extremely well, enabling it to be used on all types of gates, both modern and traditional.



Obbi 3BH



novotecnica

Automatic gates

Obbi

Product range

Obbi 3BH

Actuator for gate leaf up to 3 m
 Non-reversible – 24V DC power supply
 – Thrust: 1500 N – max. stroke: 350 mm – max. opening angle: 110°
Opening time: 25 s (90°)

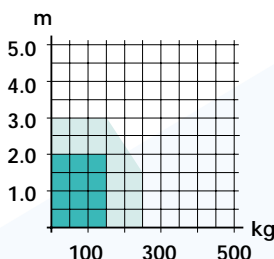
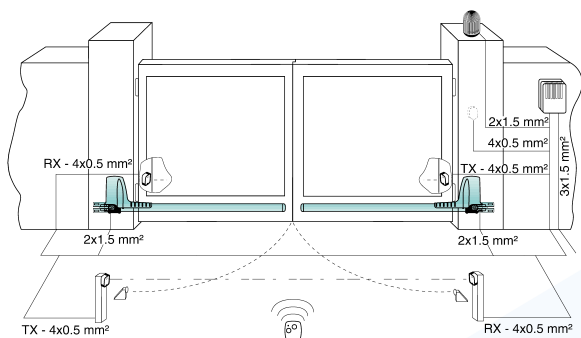
Construction characteristics

The Obbi geared motor has been designed according to the basic traditional concept of **reduction: ring/worm**

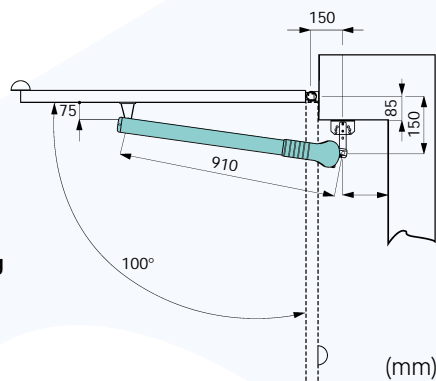
screw. Its body houses: a motor, a reduction gear, the worm screw and a locking system. The functioning of the motor causes the rotation of the ring and consequently the worm screw that, contained in a compact anodized aluminium casing, causes the movement of the gate leaf through the front connection. **The structure of the actuator makes it extremely practical to install**, due to the system of connections that can be fixed without any need for welding. Furthermore, the **multi-perforated rear bracket** enables the

ideal operating position to be located by simply changing the combination of anchorage holes. The geared motor has a considerable stroke and an opening angle of 110°. In the case of power failure, manual manoeuvre is always possible using the key release or, alternatively, automatic manoeuvre in the case in which a control panel with batteries is installed. The actuator is non-reversible but in the case of large gates it is advisable to install an electric lock in order to maintain the conditions of non-reversibility.

Installation example



RECOMMENDED USE
 LIMIT OF USE



Dimensions



Functions of the control panel

D2H Logic C22

	D2H	Logic C22
Number of motors	1 o 2	1 o 2
ODS – Obstacle detection	✓	✓
Output for flashing light 24 V DC	✓	✓
Pre-flashing	✓	✓
Suitability for insertion of radio card	✓	✓
Automatic closure	✓	✓
Step-by-step	✓	✓
Opening control		✓
Closure control		✓
Gate open warning light	✓	✓
Adjustable speed and slowdown		✓
Partial opening		✓
Power supply for electric lock if required	✓	✓
24V DC output for accessories	✓	✓
Battery-operated manoeuvre in case of power failure		✓

Accessory

BAT K1

Battery kit for power supply in the case of power failure

Obbi 3BH	
Motor voltage	24 V DC
Power	24 W
Absorption	3 A
Thrust	1500 N
Maximum stroke	350 mm
Opening time	25 s / 90°
Type of use	frequent
Weight	4.2 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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