



RAIDER 2500



Low-voltage, electromechanical operator for swing gates.
Residential use.



- **Complies with the current safety standards** as regards obstacle detection and inversion of movement.
- **The stroke of 400 mm** makes the operator also suitable for more complex applications.
- **The mechanical limit switches** allow an optimal functioning even on gates without mechanical ground stops.

■ **Practical kits brackets** included in the operator pack.
The brackets can be either welded or fixed by the supplied screws for an easier and quicker installation.

■ **Control unit** with self-learning programming and possibility of adjusting the parameters through a simple and intuitive menu.

■ **The small size and compact shape** ensure harmonious aesthetic fusion between gate and automation.

■ **The use of an electric lock** is recommended for leaves longer than 1,8 metres.

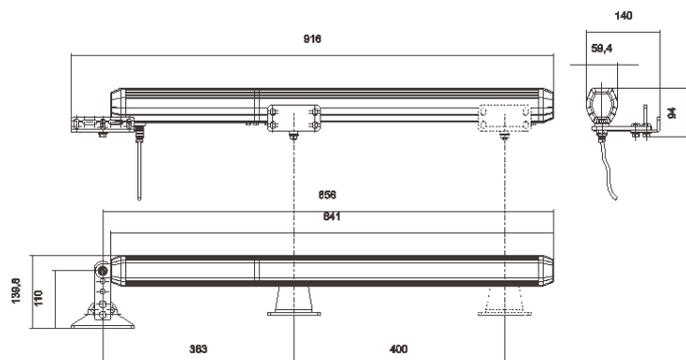
TECHNICAL DATA

POWER SUPPLY	230 Vac - 50/60 Hz
MOTOR POWER SUPPLY	24 Vdc
ABSORBED POWER	100 W
ABSORBED CURRENT	5 A (max.)
MAX. THRUST FORCE	2500 N
PISTON STROKE	400 mm
LINEAR SPEED	16 mm/sec.
OPERATING TEMPERATURE	-20°C to +65°C
MAX. LEAF WIDTH WITHOUT ELECTRIC LOCK	1,8 m
MAX. LEAF WIDTH WITH ELECTRIC LOCK	3,0 m
MAX. LEAF WEIGHT	300 kg (for leaf 3 m) 500 kg (for leaf 1,8 m)
ANTI-CRUSH SAFETY DEVICE	Electronic
EMERGENCY RELEASE	Manual
PROTECTION CLASS	IP 44

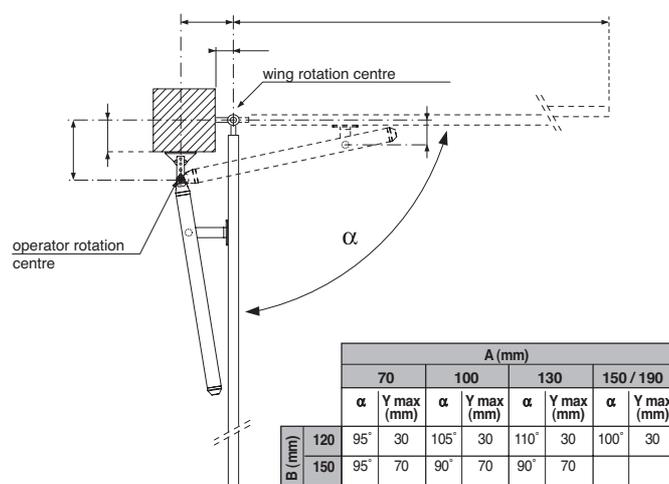
RAIDER 2500



OPERATOR DIMENSIONS



OPERATOR POSITIONING



DESCRIPTION

RAIDER 2500

24V electro-mechanical operator including brackets and mechanical limit switches

CODE

41026/001

RAIDER CONTROL UNIT

Electronic control unit for RAIDER 2500 operator without radio receiver

41600/005

* For leaf longer than 1,8 meters is recommended the use of an electric lock.

DESCRIPTION OF OPTIONAL ACCESSORIES

433,92 MHz radio receiver Memory System

41923/009

TR2 - 433.92 MHz twin-channel transmitter

41903/002

TR4 - 433.92 MHz four-channel transmitter

41903/004

ER4N - Pair of photocells

41812/001

Kit Antenna 433,92 MHz for ET2N/ET20N

41929/003

433,92 MHz antenna

41929/001

PC12E - Key switch for wall mounting

41830/007

CAL - Aluminium column for the ER4N photocells

41812/050

ES3 - Electric lock complete with ground striker plate (for gate leaf longer than 1,8 m up to 3 m) CL series cylinder required

41080/008

CL1 - "DEAD HEAD" single cylinder

41080/005

CL2 - "DEAD HEAD" double cylinder

41080/004

Back up battery

41702/003

IDEAL INSTALLATION

SET RAIDER 2500 INT

Max. leaf width

Q.ty

CODE

1,8 m*

1

41026/802

The package contains:

Two RAIDER 2500 operators with hexagonal release keys

Dedicated electronic control unit

Aprimatic sign plate

ER4N - Pair of photocells

1

41812/001

Unico 433,92 MHz Memory System radio receiver with antenna included

1

41923/009

One TR2 433,92 MHz twin-channel transmitter

1

41903/002

ET2N - 24V flashing light

1

41840/006

* For leaf longer than 1,8 meters is recommended the use of an electric lock.

NOTE: for control and safety devices and installation accessories, see section "Electronic devices and installation accessories" in this catalogue (consult the index).