

# ORO

ORO P935059 00001  
ORO E P935058 00001

Recommended control panel:  
ALCOR SD

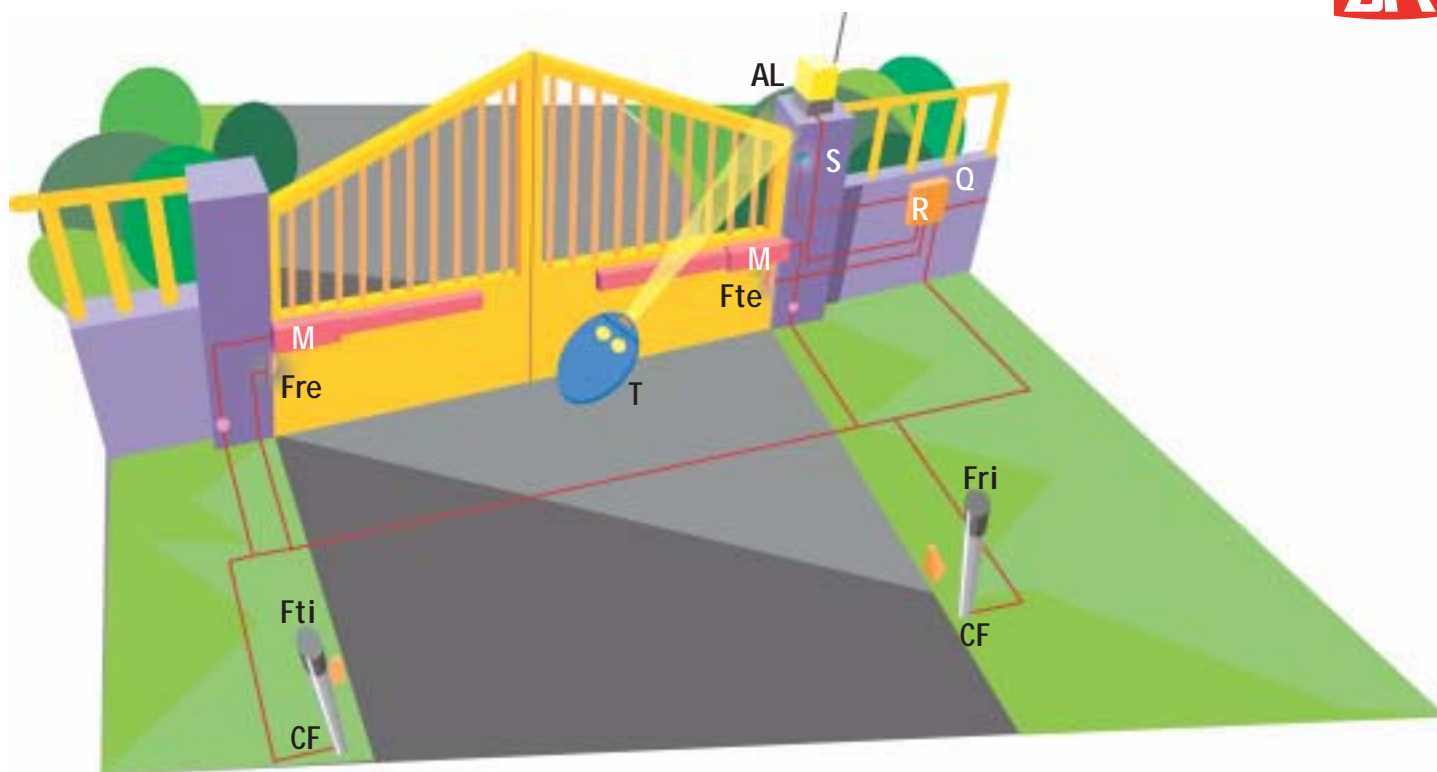
Available as a kit:  
ORO KIT

- **Ideal for residential gates:** ORO, the hydraulic operator for swing leaves, is available in two versions, irreversible on closing (ORO) and reversible (ORO E).
- **Compact shape and maximum piston sturdiness.**
- **Antisquash safety** thanks to two adjustable by-pass valves.
- **Simple and practical manual** opening with actuator release, by means of a key (ORO) or electric lock release (ORO E).
- **Hydraulic lock** to guarantee that the gate is held closed (ORO).



Operators	ORO	ORO E
Single-phase power supply	230V ± 10%, 50 Hz	230V ± 10%, 50 Hz
Absorbed power	240W	240 W
Thermal protection	Integrated	Integrated
Max. leaf weight	1800N (~180kg)	2000 N (~200 kg)
Leaf length	1,80 m	2,50 m
Rod working stroke	250 mm	250 mm
Rod speed	12 mm/s	8 mm/s
Opening or closing time	20 sec	27 sec
Impact reaction	hydraulic clutch	hydraulic clutch
Type of lock	hydraulic on closing	electric lock
Manual manoeuvre	release key	reversible
N° manoeuvres in 24 hours	60	60
Enviromental conditions	from -10°C to +60°C	from -10°C to +60°C
Degree of protection	IP55	IP 55
Operator weight	53N (~5,3 kg)	53N (~5,3 kg)
Dimensions	see drawing	see drawing

# Hydraulic operator for swing gates, leaf length up to 2,5 m, weight up to 200 kg, residential use

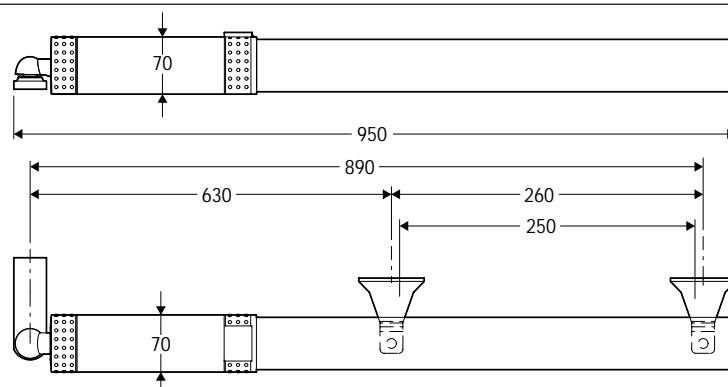


## Example of installation

- M hydraulic operator with lock ORO
- Q control panel ALCOR SD
- R single-channel rolling-code receiver, suitable for Mitto transmitter
- T double-channel rolling-code transmitter, Mitto 2 12V
- Ftx-Frx Pair of photocells, Cellula130
- CF Pair of posts, CC130
- AL blinker with antenna
- S key selector, Intro

• For system layout and installation conditions, refer to the standards and laws in force in the country of installation.

## Dimensions



## Main characteristics

Hydraulic operator for the automation of swing leaf gates for residential use • compact shape • hydraulic torque limiter • key release (ORO mod.) • recommended control panel: ALCOR SD • Main specifications: supply 230V ± 10% 50Hz • power 240W • rod speed 12mm/sec • rod stroke 250mm • maximum torque 1500Nm • max leaf weight 2000N (~200 kg) • max leaf length 2500mm • Models available: ORO irreversible, ORO E reversible.