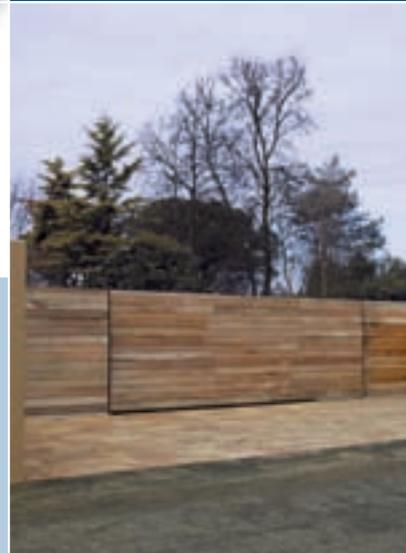


Underground
automation
device for swing
gates weighing
up to 1500 Kg
per gate leaf

Super FROG

**A special kind of automa-
tion device for swing gates**

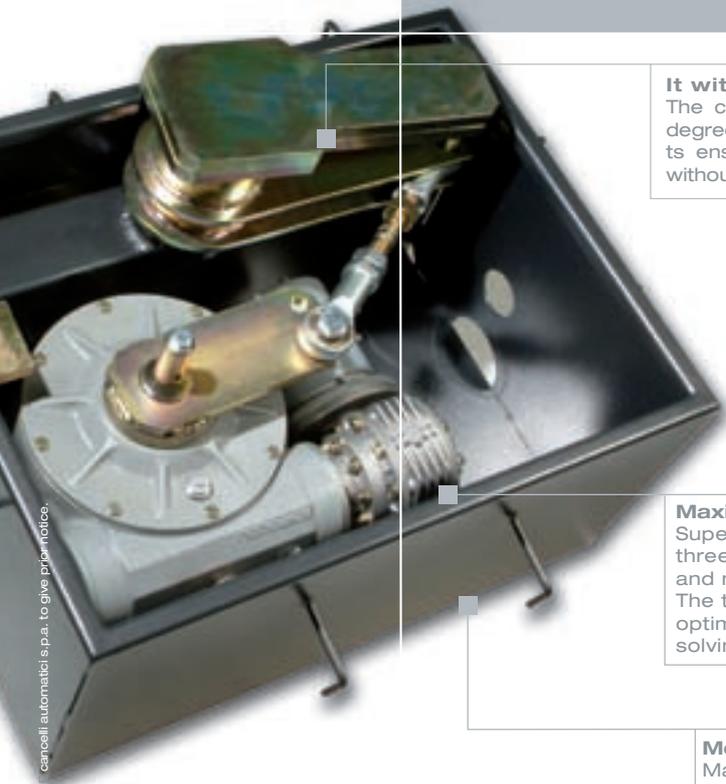
SuperFROG is an UNDERGROUND electromechanical automation device, engineered and built by CAME to operate uncommonly large and heavy swing gates. SuperFROG, for “super-sized” gates!



SuperFROG

Invisible power

This is the underground automation device for very large swing gates. Made entirely of top grade materials, SuperFROG is unmatched when it comes to power and it can also operate very large swing doors, such as those found on hangars, or even special doors installed in large industrial facilities or freight depots.



It withstands anything!

The carefully chosen materials and the high degree of protection from environmental agents ensure that SuperFROG will last and last without any period maintenance.



Maximum power

SuperFROG is powered by a 230 - 400V three-phase which provides maximum thrust and minimal energy consumption. The three-phase power supply also provides optimal inrush current when operating thus solving any inertia-related problems.

Mounting case.

Made of extra thick anti-oxidation treated steel.

The electronics

Besides the usual control and safety functions, SuperFROG's new 230V electronics provide certain details that allow for total control of the automation device, such as:

> **Safety even when gate is not in motion.**

All commands are ignored if an obstacle is detected by the safety devices.

> **Gate stop from the radio transmitter.** For total control of movement.

The models

FROG-MD right-hand IRREVERSIBLE

230 - 400V three-phase gearmotor

FROG-MS left-hand IRREVERSIBLE

230 - 400V three-phase gearmotor

FROG-CD left-hand mounting case

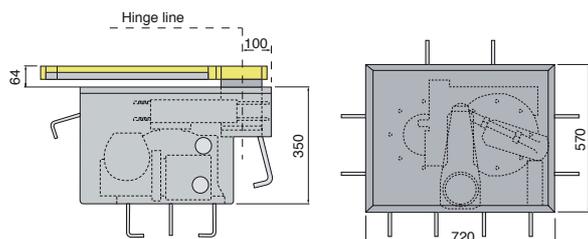
FROG-CS right-hand mounting case

ZA2S 230 - 400V three-phase control board

Limits to use

Width of gate leaf (m)	Weight of gate leaf (Kg)
< 4	1500
4	1200
5	1000
6	800
7	700
8	600

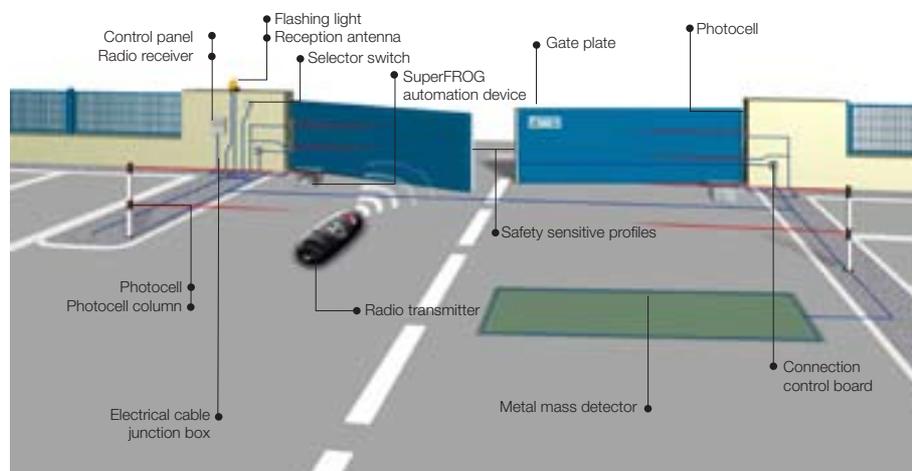
Dimensions:



Technical features:

Type	SuperFROG
Degree of protection	IP67
Power supply	230-400V A.C. (three-phase 50/60Hz)
Motor power supply	230-400V A.C. (three-phase 50/60Hz)
Max draw	2A
Nominal voltage	600W
Max torque	1000Nm
Operation intermittence	50%
Opening time (95° max)	45s
Operating temperature	-20°C ÷ +55°C

Standard installation:



If a careful analysis of the automated gate's risks were to require it, the use of sensitive safety infrared or mechanical contact edges would become indispensable.

The data and information appearing in this catalogue are subject to change at any time without obligation by CAME cancelli automatici s.p.a. to give prominence.



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