

KINGGates



DYNAMOS

AUTOMATION FOR SLIDING GATES
WITH LEAVES UP TO 1000 KG



Dynamos

Automation for sliding gates up to 1000 kg

PRECISE AND SILENT MECHANICS

Reliability and safety are at the base of the mechanical components: produced with sturdy materials, they turn on large ball bearings that are attached to die-cast aluminium housings. The endless screw is made of rolled steel and the internal gear has involute teeth. This special construction construction increases significantly the gears life by decreasing their friction. **The result: quiet movement, high performance, no wear.**

4 kg of die cast aluminium, ABS plastic parts with anti-UVA ray treatment and pure polyester painting make **Dynamos a solid automation that can stand up to any sort of weather.**

DYNAMOS TWIN

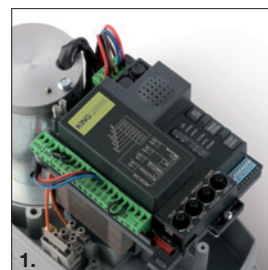
Dynamos Twin is the kit solution for sliding gate installation with double wings.

Two operators, one with control unit for a perfect synchronization of the motors and accessories.

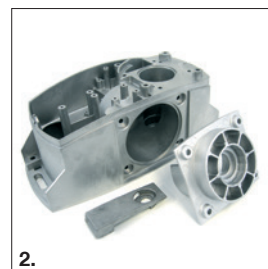
SMART TRADITIONAL ELECTRONICS

STARG8 control units radically simplify the installer's job, guaranteeing high levels of performance in terms of safety, time and speed of installation.

A single programming method speeds up the activation of the automatic devices and managing maintenance operations becomes simple and practical.



1.



2.



3.

1. BUILT-IN CONTROL UNIT

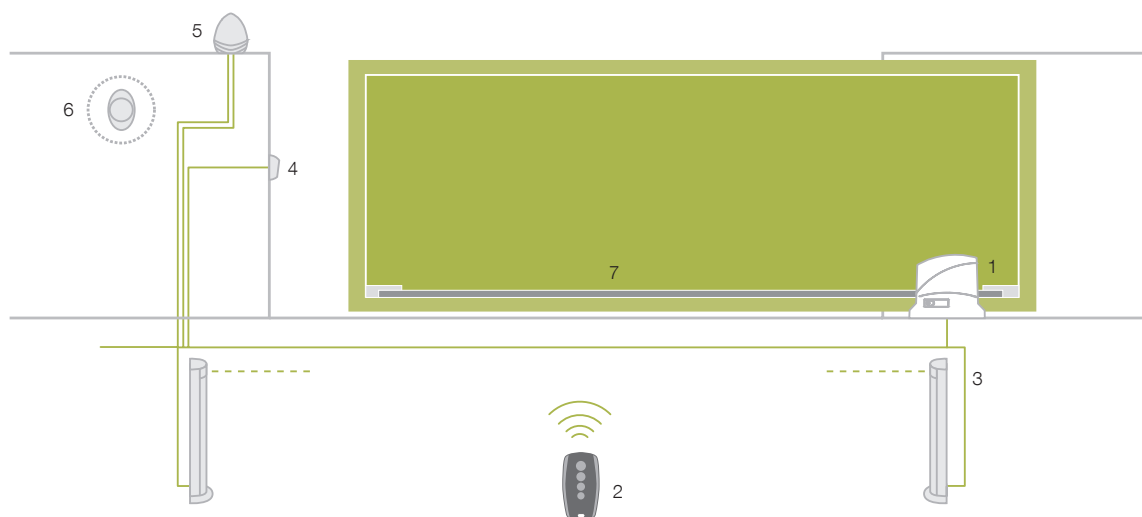
The STARG8 control unit, with built in receiver, guarantees the highest performance

2. STURDY FRAME

Sturdy die-cast aluminium frame, designed to last long

3. KEY RELEASE SYSTEM

Aluminium release handle with protected lock and customized release key



BASIC INSTALLATION

1. Operator Dynamos
2. Transmitter
3. Photocells mounted on posts
4. Photocells
5. Flashing light
6. Key or digital switch
7. Rack

READY FOR





TECHNICAL DATA

Model		DYNAMOSN24/400	DYNAMOSF24/600	DYNAMOS24/1000	DYNAMOS1000
Code		23S053	23S054	23S055	23S004
Mains power supply	(Vac 50 Hz)	230	230	230	230
Motor supply	(Vac 50 Hz / Vdc)	24 Vdc	24 Vdc	24 Vdc	230 Vac
Maximum power draw	(W)	250	375	400	400
Speed	(m/s)	0,34	0,34	0,25	0,17
Force max	(N)	400	600	850	850
Working cycle	(%)	90	90	80	30
Protection level	(IP)	44	44	44	44
Operating temperature	(°C)	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55
Weight	(kg)	9	11	11	12
Operator dimensions	(mm)	325x185x274 h	325x185x274 h	325x185x274 h	325x185x274 h

Also available in 110 V / 60 Hz version

DYNAMOS

Model	Motor	Control unit	Pinion	Radio receiver	Fixing kit	Gate max weight
DYNAMOSN24/400	24 Vdc	STARG8 24	Z15 -M4	•	•	400 kg
DYNAMOSF24/600	24 Vdc	STARG8 24	Z15 -M4	•	•	600 kg
DYNAMOS24/1000	24 Vdc	STARG8 24	Z17 - M4	•	•	1000 kg
DYNAMOS1000	230 Vac	STARG8 AC	Z17 - M4	•	•	1000 kg

DYNAMOS TWIN

Model	Code	Motor	Control unit	Motor with control unit STARG8	Motor without control unit	Gate max weight
DY TWIN 24/600	30S076	DYNAMOSF24/600	STARG8 24	•	•	600 kg

DYNAMOS KIT

Model	Code	Motor	STYLO 4K	IDEA	VIKY 30	TAB	Gate max weight
DYKIT24/400	30S047	DYNAMOSN24/400	• (2)	•	•	•	400 kg
DYKIT24/400VL	30S055	DYNAMOSN24/400	• (2)				400 kg
DYKIT24/600R01	30S069	DYNAMOSF24/600	• (2)	•	•	•	600 kg
DYKIT24/600VL	30S039	DYNAMOSF24/600	• (2)				600 kg
DYKIT230/1000	30S028	DYNAMOS1000	• (2)	•	•	•	1000 kg
DYKIT230/1000VL	30S009	DYNAMOS1000	• (2)				1000 kg
DYKIT24/1000R01	30S070	DYNAMOS24/1000	• (2)	•	•	•	1000 kg
DYKIT24/1000VL	30S071	DYNAMOS24/1000	• (2)				1000 kg



DYNAMOS



STYLO 4K



IDEA



VIKY 30



TAB





CRIS100 - COD. 162313
Nylon rack with metal inserts.
28x20x1000 mm, M4
(10pcs / pack)



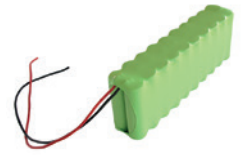
CRIS200 - COD. 162322
Rack in galvanized steel
with screws and spacers.
30x12x1000 mm, M4
(10pcs / pack)



CRIS400 - COD. 162324
Rack in galvanized
steel. 22x22x1000 mm
to be welded, M4
(10pcs / pack)



PDY100 - COD. 162345
Foundation plate for ground
level mounting



BATM016 - COD. 161237
24 V 1.6 Ah battery



BATK3 - COD. 161232
Battery charge card
for BAT M016



IND100K - COD. 161236
Inductive limit switch



**KINGKONNECT -
COD. 161234**
WiFi module to manage
STARG8 central units
from Smartphone



WI-CLAVIS - COD. 161235
WiFi module for managing
automations via Smartphone



**CLAVIS ACCESS -
COD. 161251**
<https://clavis.app/>



APP FOR THE INSTALLER

The Kingspecialist App allows you to complete all the programming phases of the installation, directly on the smartphone and tablet.



KINGSPECIALIST

BASIC PROGRAMMING

Automatic learning procedure, custom setting of the slowdown points, speed and direction of the motor. Realtime feedback of trimmers values (motor power, obstacle sensitivity, delay, pause), Dip-switches and connections instructions.

ADVANCED SETTINGS

Advanced programming. Setting of AUX, HAZ and GSI outputs. Management of inputs for photocells. Setting of wired inputs. Speed and slowdown points custom configuration. Power saving mode (Standby). Backjump adjustment. Factory settings reset.

MEMORIZING REMOTE RADIO CONTROLS

Quick and easy procedure for memorizing remote radio controls near control panel, without having to access it. Copy of transmitters functions. Management of MEMO 2000 module (remote controls backup and restore on replacement control board).





KINGGates

Brand of V2 S.p.A.

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