



DYNAMOS

AUTOMATION FOR SLIDING GATES
UP TO 1000 KG



Dynamos

Automation for sliding gates up to 1000 kg

VERSIONSPRECISE 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 roller housings. The internal gear has involute teeth. This special construction allows maximum contact between the worm screw and the gear. The tooth wraps around the screw whereas in traditional construction the parts in contact add up to just a few millimetres. **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.

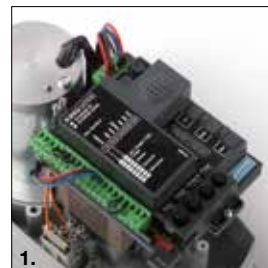
SMART TRADITIONAL ELECTRONICS

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.

STARG8

1 control unit 24 Vdc and 1 control unit 230 Vac, for all gate motors.

Practical regulation using trimmers, self-learning gate travel programming using a single key, diagnostic LEDs and dip-switches for setting operating modes. Management of slow-down options, speed regulation and obstacle control in all versions. Plastic cover with explanatory labels and spare fuses.



1.



2.



3.

1. BUILT-IN CONTROL UNIT

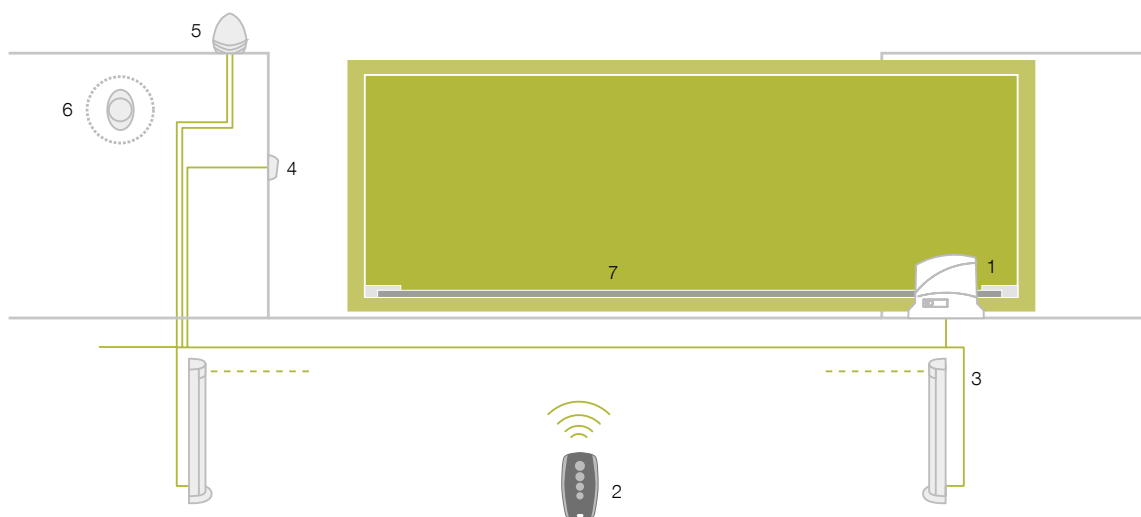
The new STARG8 control unit, with built in receiver, guarantees the highest performance

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

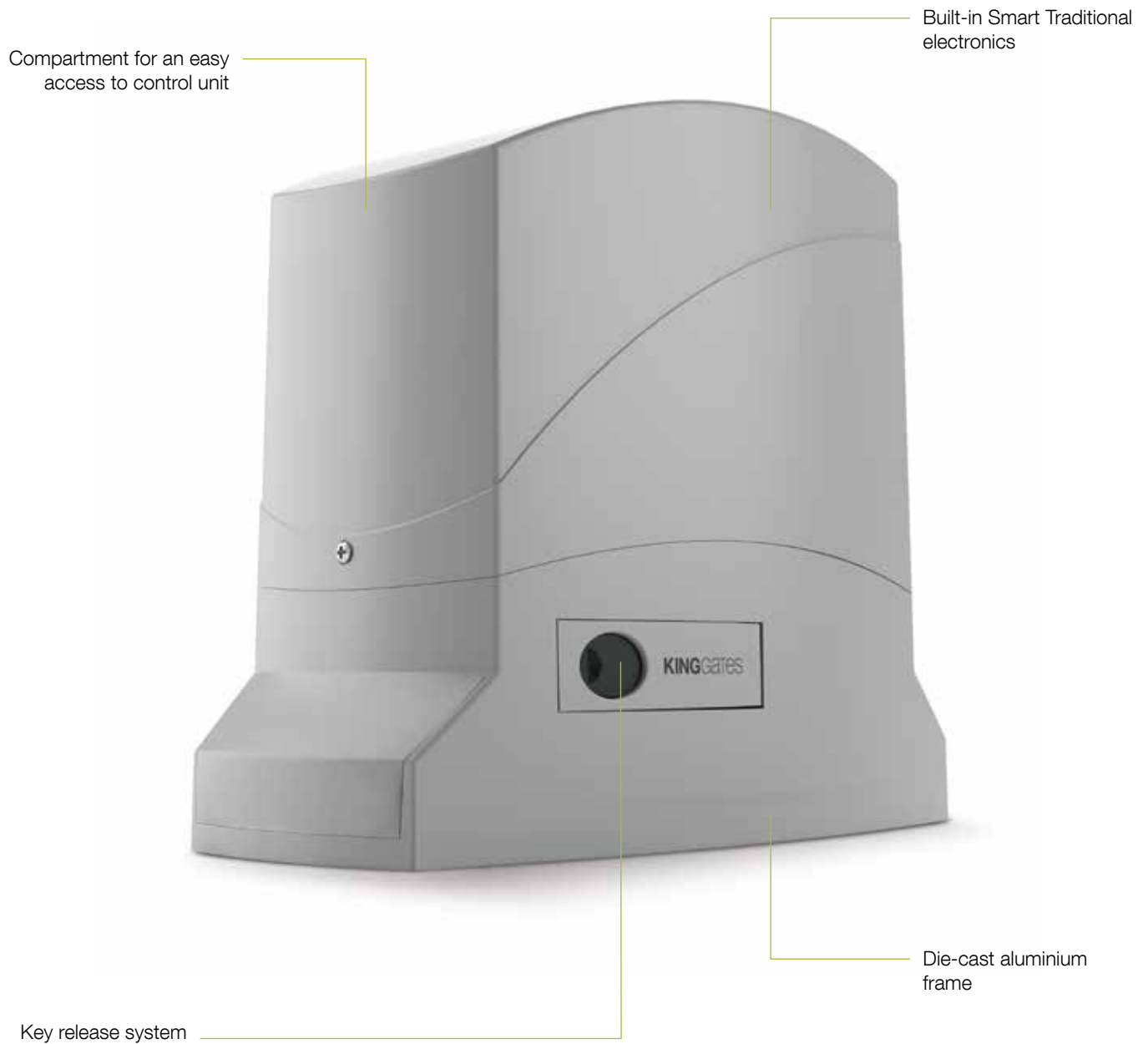


BASIC INSTALLATION

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

Code	DYN24/400	DYN24/600	DYN24/600F	DYN24/1000	DYN230/500	DYN230/1000
Mains power supply (Vac 50 Hz)	230					
Motor supply (Vac 50 Hz / Vdc)	24 Vdc				230 Vac	
Maximum power draw (W)	250	375		400	300	400
Speed (m/s)	0.34	0.25	0.34	0.25	0.17	
Force max (N)	400	600	600	850	450	850
Working cycle (%)	90		70	80	30	
Protection level (IP)	44					
Operating temperature (°C)	-20 ÷ +55					
Weight (kg)	9	11			10	12
Operator dimensions (mm)	325x185x274 h					

Also available in 110 V / 60 Hz version

DYNAMOS

Code	Motor	Control unit	Radio receiver	Fixing kit	Gate max weight
Dynamos 500	230 Vac	STARG8 AC	•	•	500 kg
Dynamos 1000	230 Vac	STARG8 AC	•	•	1000 kg
Dynamos 24/400	24 Vdc	STARG8 24	•	•	400 kg
Dynamos 24/600	24 Vdc	STARG8 24	•	•	600 kg
Dynamos 24/600F	24 Vdc	STARG8 24	•	•	600 kg
Dynamos 24/1000	24 Vdc	STARG8 24	•	•	1000 kg

DYNAMOS TWIN

Code	Dynamos 500 with control unit STARG8 AC	Dynamos 500 without electronics	Dynamos 1000 with control unit STARG8 AC	Dynamos 1000 without electronics	Gate max weight
Dy Twin 500	•	•			500 kg
Dy Twin 1000			•	•	1000 kg

DYNAMOS KIT

Code	DYNAMOS 500	DYNAMOS 24/400	DYNAMOS 24/600	STYLO 4K	IDEA PLUS	NOVO LT 24 PLUS	VIKY 30	NOVO PH 180	TAB	Gate max weight
Dy Kit 230/500	•			• (2)	•		•		•	500 kg
Dy Kit 230/500 LT	•			• (1)			•			500 kg
Dy Kit 24/400		•		• (2)	•		•		•	400 kg
Dy Kit 24/400 LT		•		• (1)			•			400 kg
Dy Kit 24/600			•	• (2)	•		•		•	600 kg
Dy Kit 24/600 LT			•	• (1)			•			600 kg
Dy Kit 24/400 NV		•		• (2)		•		•	•	400 kg
Dy Kit 24/600 NV			•	• (2)		•		•	•	600 kg

24 V version also available for markets with 110 V / 60 Hz mains power supply



DYNAMOS



STYLO 4K



IDEA PLUS



VIKY 30



TAB



NOVO LT 24 PLUS



NOVO PH 180





CRIS 100
Nylon rack with metal inserts.
28x20x1000 mm



CRIS 200
Rack in galvanized steel
with screws and spacers.
30x12x1000 mm



CRIS 400
Rack in galvanized
steel. 22x22x1000 mm
to be welded



PDY 100
Foundation plate for ground
level mounting



BAT M 016
24 V 1.6 Ah battery



BAT K3
Battery charge card
for BAT M 016



IND 100
Inductive limit switch.
To be specified when
ordering the Dynamos



STARG8 24
24 Vdc spare control unit



STARG8 AC
230 Vac spare control unit

THE KING SPECIALIST



KINGspecialist app for installers

The KINGspecialist app allows you to complete all installation setup phases directly from your smart phone or tablet.

Thanks to the wifi module,

which can be coupled to STARG8 central units, every professional can now manage all the functions offered by the KING Smart Traditional electronic device simply and intuitively.

The App also introduces new functions, such as scheduling of periodical system maintenance, central unit check-ups and remote control management.



KINGgates relies on a network of expert professional installers.

KINGspecialist is a programme available only to installers: KINGgates quality in the form of a service. Installer-friendly innovations and continuous updates to keep growing together.



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