



# Rolls

## Automation for sectional doors up to 23 m<sup>2</sup> and overhead doors up to 14 m<sup>2</sup>

### DESIGN AND TECHNOLOGY

The rotating opening of the central cover makes easy the access to the control board. The electronic unit has a plastic cover with simple buttons, it allows an easy and intuitive use. The location of the buffer batteries is in the backside of the base, it's strong and invisible. The belt drive is reliable and silent while the pinion can avoid any possibility of "slipping". Preassembled guides 3 or 4 meters optimize installation time, while the encoder control minimizes programming. The encoder control system minimize the phase of set-up. **The buffer batteries allow the functioning even during a black-out.**

### INNOVATIVE MANUAL RELEASE SYSTEM

The innovative release system is designed to be operated by both the cord connected to the carriage drive, and the handle on the door. The manual operation via the cord needs no installation on the handle, makes it possible to maintain the automation released allowing the opening and closing of the door without the automatically latching the carriage.

**With this system, during a black-out, when he gets out of home, the user can choose to close the door and then open it without any release operation or to close the door and holding it re-hooked till the next release operation from inside.**



#### 1. ELECTRONICS

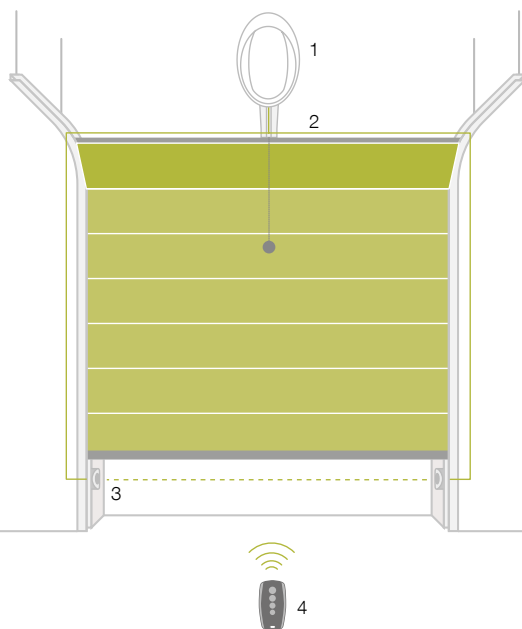
Programming with selflearning function, adjustable functions through dip-switches and regulation of power and speed

#### 2. STEEL RAIL

Strong guide in profiled metal and belt drive transmission with 6 core steel cables

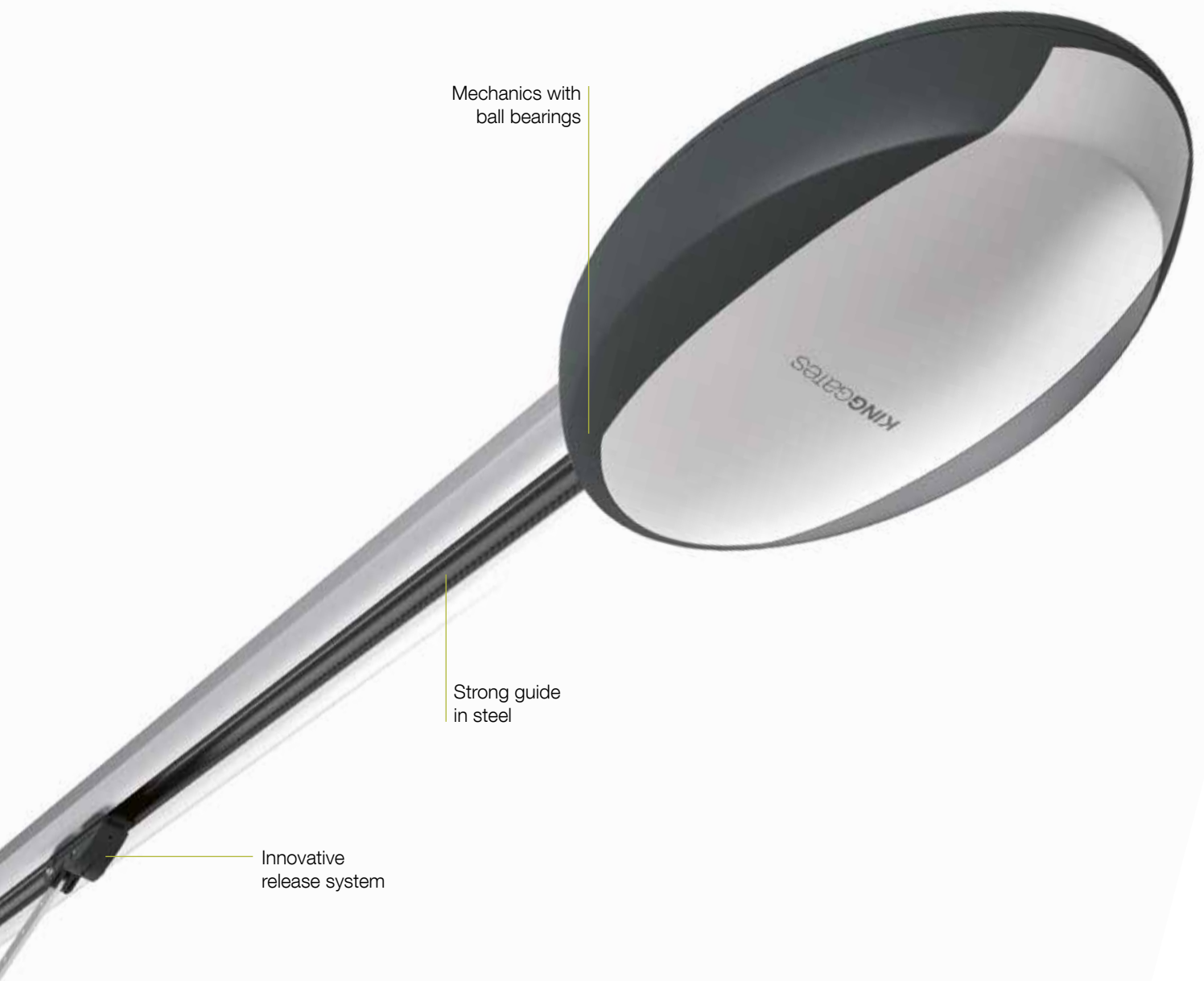
#### 3. ASSEMBLY

Easy joint between gear motor and rail, safe and accurate thanks to metric screws



#### BASIC INSTALLATION

1. Operator Rolls
2. Rail
3. Pair of photocells
4. Transmitter



**TECHNICAL DATA**

Code		ROLLS 700	ROLLS 1200
Mains power supply	(Vac 50 Hz)		230
Motor supply	(Vdc)		24
Maximum power draw	(W)	250	300
Speed	(m/s)		0.16
Force max	(N)	700	1200
Max dimensions sectional door	(m <sup>2</sup> )	12	23
Max dimensions overhead door	(m <sup>2</sup> )	10	14
Working cycle	(%)		60
Protection level	(IP)		40
Operating temperature	(°C)		-20 ÷ +55
Operator dimensions	(mm)		414x264x110 h

## ROLLS

Code	Motor	Control unit	Radio receiver	Batteries	Encoder	Force max (N)
Rolls 700	24 Vdc	Star GDO 100	•		•	700
Rolls 700 Plus	24 Vdc	Star GDO 100	•	•	•	700
Rolls 1200	24 Vdc	Star GDO 100	•		•	1200

## RAILS

Code	Kind of transmission	Slide lenght	Door max height	Kind of rails
Grb 3	Belt	3 m	2.45 m	1 x 3 m
Grb 23		3 m	2.45 m	2 x 1.5 m
Grb 4		4 m	3.45 m	3 m + 1 m

### RAIL GRB

The GRB rails are made with 6 iron cables belt, with a maximum power equal to 1200 N and a nylon textile covering for an extra silent working.

## ROLLS KIT

Code	Rolls 700	Rolls 1200	Rails GRB 3	Stylo 4	Novo LT 24 Plus	Novo Ph 180	Novo TX4	Force max (N)
Rolls Kit 700	•			• (1)				700
Rolls Kit 700GRB3	•		•	• (1)				700
Rolls Kit 700 NV	•			• (2)	•	•	•	700
Rolls Kit 1200 NV		•		• (2)	•	•	•	1200



ROLLS



GRB 3



STYLO 4K



NOVO LT 24 PLUS



NOVO PH 180



NOVO TX4





**ARC 01**  
Swinging arm for sectional and overhead doors



**SRO 01**  
Additional fastening brackets kit



**SRO 02**  
Extension bracket for the pulling arc



**SPI 01**  
Plug cable.  
Length 70 cm



**SBLO 01**  
External unlocking system.  
Applied on handle lock



**SBLO 500**  
External unlocking system.  
Applied with an hole in the door



**BAT 12K**  
Batteries kit 24 V  
(2 x 12 V - 1.2 Ah)  
with connectors  
and battery charge card



**STAR GDO 100**  
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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