

# Run 1800/2500

For sliding gates weighing up to 1800 kg (RUN1800)  
and up to 2500 kg (RUN2500)

## Suitable to operate in extreme conditions, in systems for intensive use.

Ventilated motor with inductive limit switch (RUN1800P/RUN2500P) or electromechanical limit switch (RUN1800/RUN2500/RUN2500I).

**Easy to install:** the BlueBUS system enables connections by means of just two wires between the control unit and up to 15 control safety and signalling devices.

**Safe:** the acceleration settings (at the start of the manoeuvre) and the deceleration settings (at the end of the manoeuvre) are precise and reliable.

**Advanced temperature sensor:** Run is able to manage force, adapting it to the different climatic and environmental conditions, while adapting the thermal cut-out protection and intensity of self-ventilation, depending on the temperature reading.

**Master/slave selection:** for automatic synchronisation even of 2 motors, allowing automation of sliding gates with two opposing leaves.

**Practical and functional:** the control unit (and inverter on version RUN2500I), housed inside Run, can be simply connected by means of the practical connector guide.

**Silent:** gear motor on bearings.

### RUN2500I version with built-in inverter

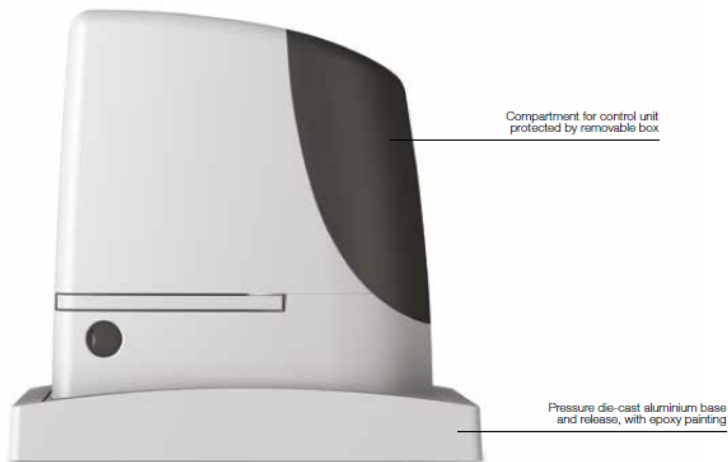
**Perfect movement:** the inverter enables the power supply and drive of the 3-phase motor with single-phase current at 230 Vac, acting on the frequency to adjust speed of the automation from a minimum of 8.2 m/min to maximum 15.4 m/min. In the automation deceleration phase, the inverter, which dialogues with the control unit, increases the torque, thus improving performance and reducing the risk of the automation blocking on impact with obstacles.

Nice **BiDirectional products** indicate the status of the automations and confirm correct reception of the command.

Discover the complete range of BiDirectional products on page 176.

**Yubii** is the new Nice ecosystem that connects all the automations in the home.

Discover all the benefits of the Yubii system on page 166.



Compartment for control unit protected by removable box

Pressure die-cast aluminium base and release, with epoxy painting

## COMMON ACCESSORIES



**CORE**  
Nice Wi-Fi-Radio  
Gateway.  
Pc./Pack 1



**IT4WIFI**  
Smart Wi-fi interface  
to manage gates and  
garage doors by smart-  
phone.  
Pc./Pack 1



**RUA1**  
Spare control unit for  
RUN1800/1800P and  
RUN2500/2500P.  
Pc./Pack 1



**RUA2**  
Spare control unit, for  
RUN2500L.  
Pc./Pack 1



**ROA3**  
Spare inverter for  
RUN2500L.  
Pc./Pack 1



**ROA7**  
M4 rack, zinc coated,  
22x22x1000 mm.  
Pc./Pack 10



**ROA8**  
M4 rack, 30x8x1000  
mm, zinc coated with  
spacers and screws.  
Pc./Pack 10



**ROA81**  
M6 rack, 30x30x1000  
mm, zinc coated, to be  
coupled with RUA12.  
Pc./Pack 10



**RUA12**  
12-teeth pinion, module  
6, to be coupled with  
rack ROA81. The Run  
automation is supplied  
with a module 4 pinion  
to be used with the  
standard racks ROA7  
and ROA8.

Pc./Pack 1



**TS**  
Signboard.  
Pc./Pack 1

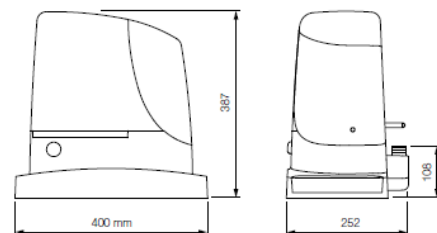
## TECHNICAL SPECIFICATIONS

Code	Description	Pack/Pallet
<b>RUN1800</b>	Irreversible, 230 Vac, with built-in control unit, with electromechanical limit switch, for sliding gates weighing up to 1800 kg	12
<b>RUN1800P</b>	Irreversible, 230 Vac, with built-in control unit, with inductive limit switch, for sliding gates weighing up to 1800 kg	12
<b>RUN2500</b>	Irreversible, 230 Vac, with built-in control unit, with electromechanical limit switch, for sliding gates weighing up to 2500 kg	12
<b>RUN2500P</b>	Irreversible, 230 Vac, with built-in control unit, with inductive limit switch, for sliding gates weighing up to 2500 kg	12
<b>RUN2500L</b>	Irreversible, 230 Vac, with built-in control unit and inverter, with electromechanical limit switches, for sliding gates weighing up to 2500 kg	12

Code	RUN1800/1800P	RUN2500/2500P	RUN2500L
<b>ELECTRICAL DATA</b>			
Power supply (Vac/Hz)	230/50*		230/50-60
Absorption (A)	3	3,8	3,7
Power (W)	700	870	650
<b>PERFORMANCE DATA</b>			
Speed (m/s)	0,17		0,26
Force (N)	1110	1390	1660
Work cycle (cycles/hour)	42		56
<b>DIMENSIONAL AND GENERAL DATA</b>			
Protection level (IP)	44		
Working temp. (°C Min/Max)	-20 ÷ +50		
Dimensions (mm)	400x255x390 h		
Weight (kg)	24,5		25

\* 60 Hz version available on request.

## DIMENSIONS



## COMPATIBILITY TABLE WITH CONTROL SYSTEMS AND ACCESSORIES

Code	receiver			transmitter						photocells							flashing light								
	Built-in*	DXBD	DXLR	EMA INTI	EMA ONE	EMA ONE DD	EMA ONE LR	EMA FLOOR	INDIRWAY	EPS	EPN	EPL	EPB	EPB	EPB	EPB	EPB	EPB	F210	F210	F210B	F210B	ELAC	ELUC	WLT
<b>RUN1800/1800P</b>	•	•	•	•	•	•	•	•	•					•	•	•	•	•	•	•	•	•	•	•	•
<b>RUN2500/2500P</b>	•	•	•	•	•	•	•	•	•					•	•	•	•	•	•	•	•	•	•	•	•
<b>RUN2500L</b>	•	•	•	•	•	•	•	•	•					•	•	•	•	•	•	•	•	•	•	•	•

\* Radio receiver incompatible with Opera system

For swing gates

For sliding gates

Barrier gate operator systems

For garage and industrial doors

Control systems and accessories

Compatibility table and alphabetical index