

For automating swing gates with leafs

**wingokit**

Handy  
connections  
compartment



Exclusive release,  
easy to use.



Case made  
entirely of  
painted  
aluminium



**Wingo, electromechanical  
gear motor 230Vac**

• **patented layout of  
internal components:**

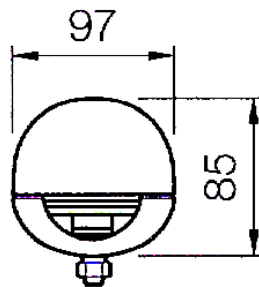
reduction in the number of  
moving parts for increased  
reliability and reduced noise

• **easy to install:**

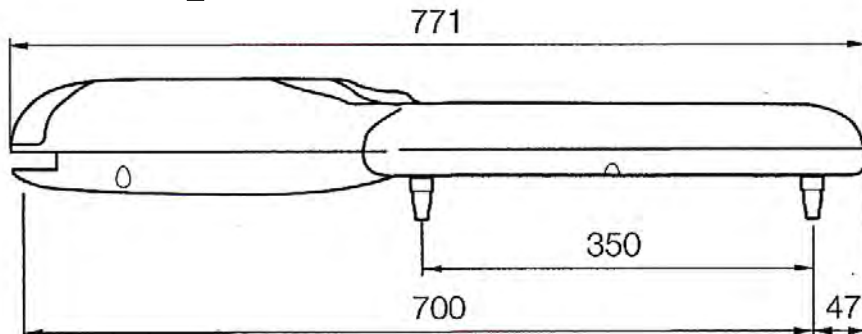
electrical connections from  
above after mounting the gear  
motor

• **built-in capacitor**

• **release command with  
personalised key** or  
standard lock (optional)

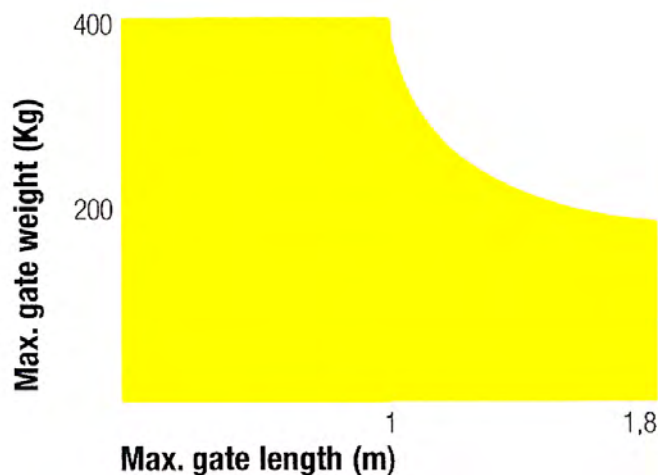


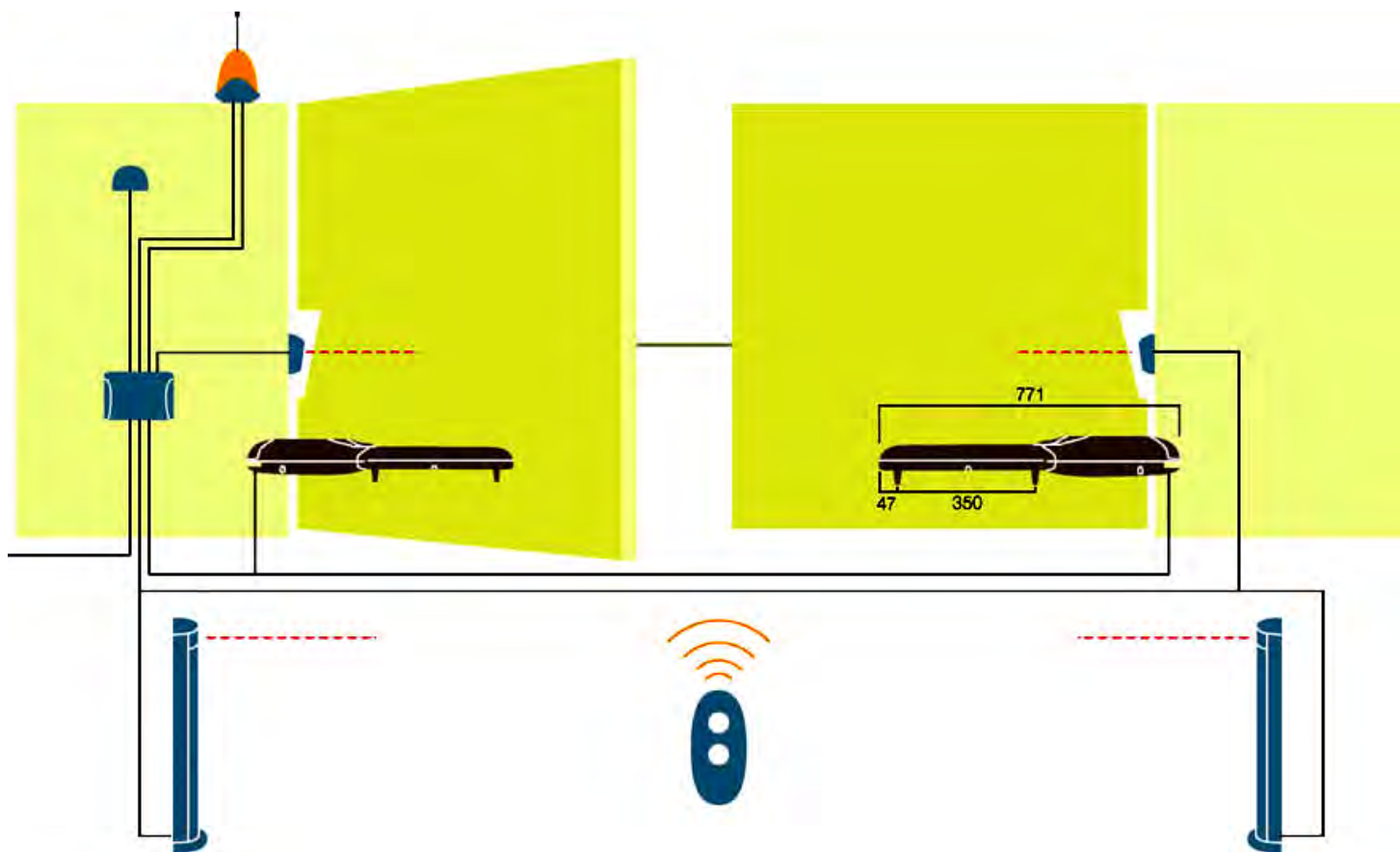
Dimensions:



Gear Motor Technical Data	
	<b>WG4000</b>
Power input (Vac 50Hz)	230
Current absorbed (line) (A)	0.5
Absorbed power (W)	120
Incorporated Capacitator (µF)	5
Protection level (IP)	44
Speed (m/s)	0.016
Travel (mm)	325
Max. thrust (N)	1500
Operating temp. (°C Min/Max)	-20 / +50
Thermal protection (°C)	140
Work cycle (%)	30
Weight of Wingokit (kg)	17

Utilisation Limits:





### WingoKit for a pair of gates includes:



**2 x WG4000**

two surface-mounted electromechanical gear motors, with key release



**2 x BF**

One pair of surface mounted photocells



**1 x SMXI**

receiver up to 4 channels with 256-codes memory



**1 x A6F (for HY7005)**

240Vac Control unit for two motors with electric clutch, IP55 case



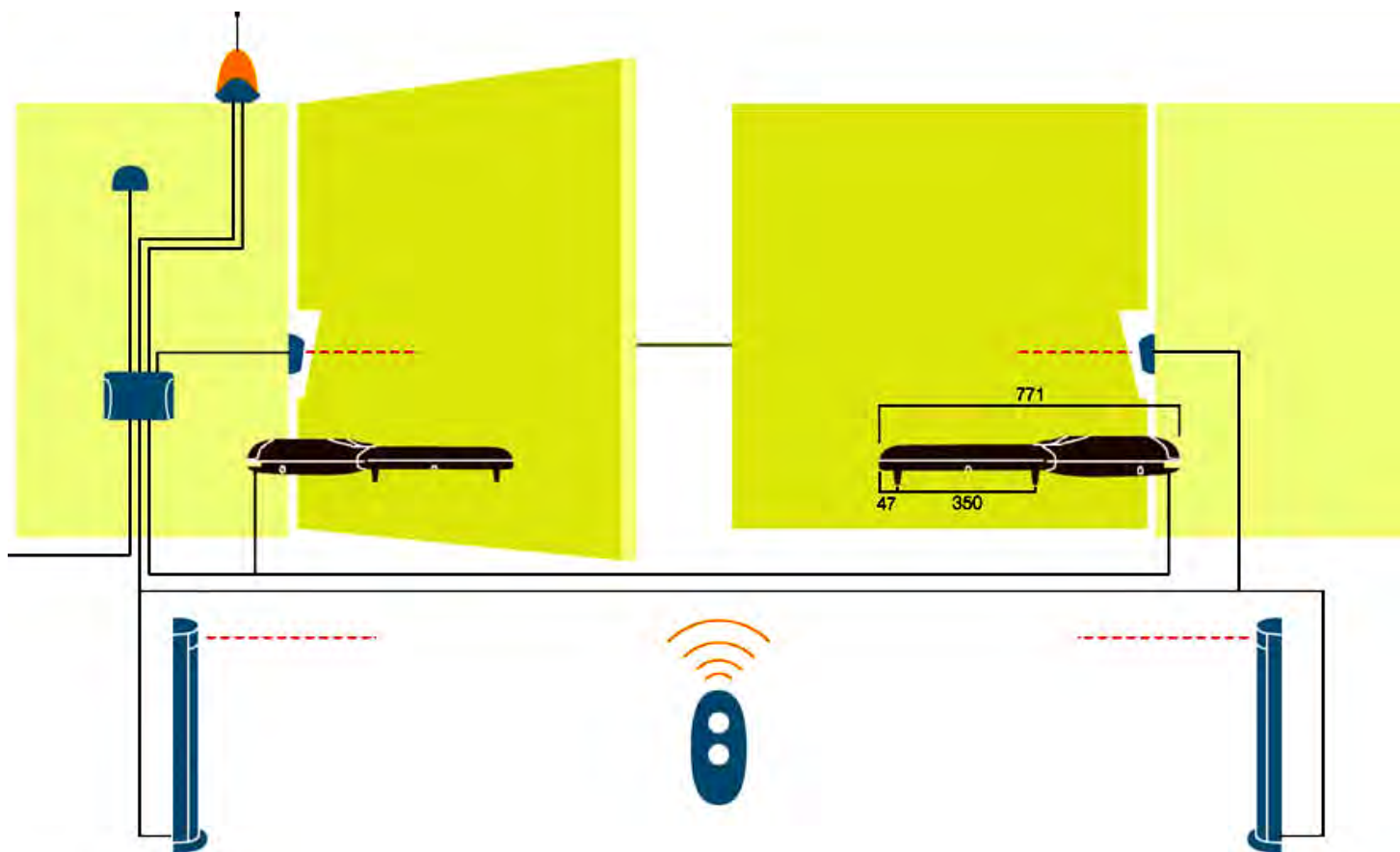
**1 x FLO2R-S**

one transmitter 433.92 MHz, 2 channels

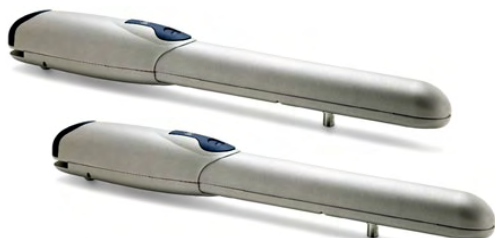
### Kit Price:

£





### WingoKit for a pair of gates includes:



**2 x WG4000**

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**1 x A6F (for HY7005)**

240Vac Control unit for two motors with electric clutch, IP55 case



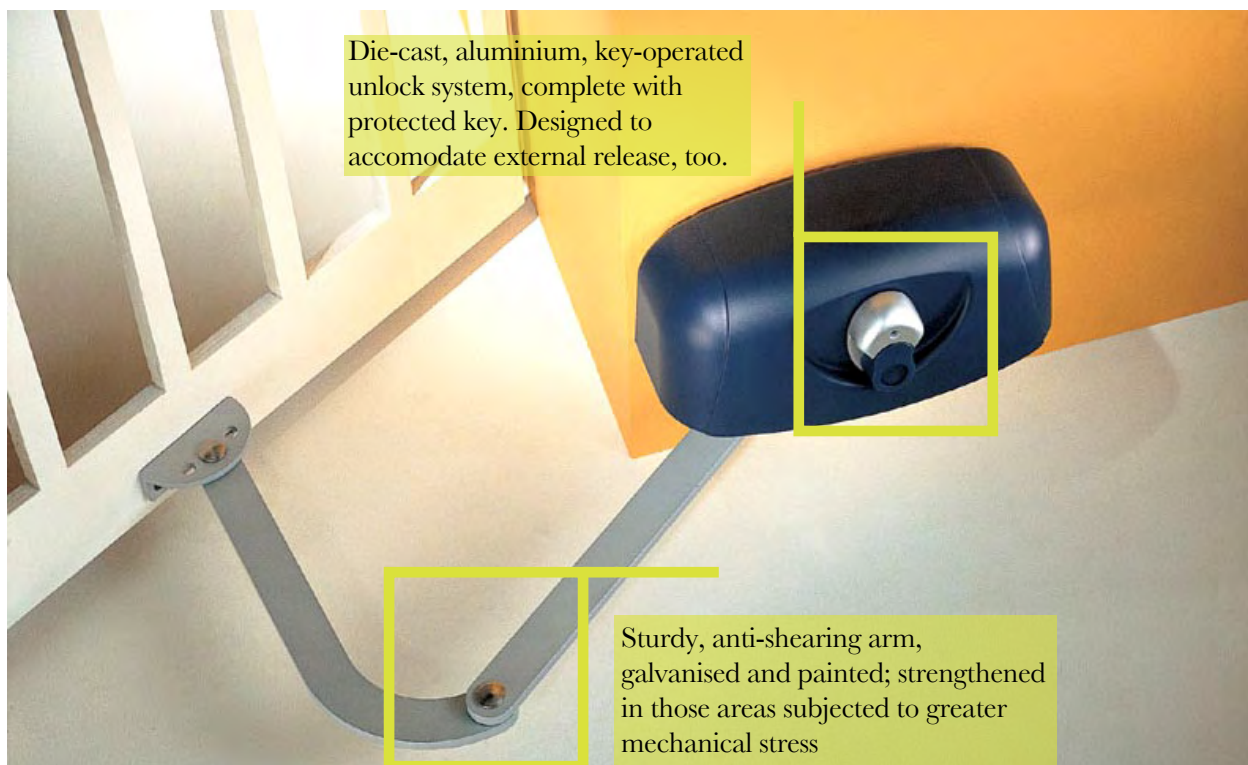
**1 x FLO2R-S**

one transmitter 433.92 MHz, 2 channels

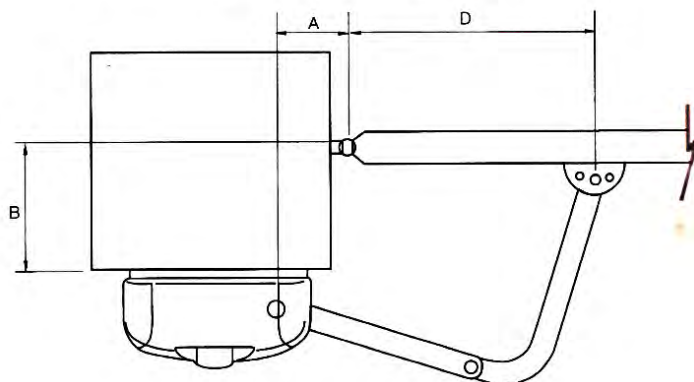
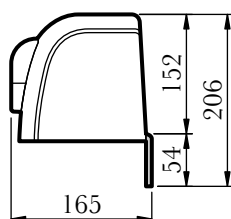
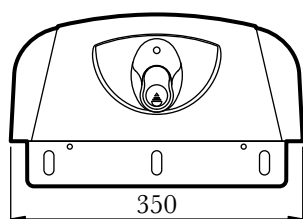
### Kit Price:

£





**Dimensions:**



Technical Specifications		HY7024	HY7005
Power	(Vac 50Hz)	-	230
	(Vdc)	24	-
Current Absorbed	(Line) (A)	5	1.2
Power absorbed	(W)	120	250
Incorporated capacitor	(µF)	-	10
Protection level	(IP)	44	
Torque	(Nm)	250	400
Speed	(Rpm)	2	1,7
Opening time	(s)	10	12
Working Temp.	(°C Min/Max)	-20 / +50	
Thermal cut-out	(°C)	-	140
Work Cycle	(%)	80	30
Dimension	(mm)	350 x 242 x 165	
Weight	(Kg)	13	

Hyppo 7005, electromechanical gear motor with articulated arm for swing gates. Surface mounted, also for gates with large pillars.

**Just one version for right and left hand gates**

- irreversible, 230V power
- double limit switch incorporated for opening and closing, pre-wired; fewer connections and quicker to install
- easy to install: no welding to the gate. Shockproof case, no sharp corners, compact size
- sturdy articulated arm, galvanised and painted, shear-proof
- Nice unlock device in cast aluminium with protected key. Possibility of unlocking also from the outside
- all metal mechanics



## All Kits Contain:



+



+



### 2x Hyppo 7005 or 7024 Motor

Two irreversible electromechanical gear motors [either 240Vac or 24Vdc], for a pair of gates - with sturdy articulated arm.

### 1 x Control Unit

Type A60, A6F or A824, depending on the motor included in the Kit.

### 2 x BF

One pair of surface mounted photocells

## Accessories to go with specific kits:



### 2 x FLO1

2 transmitters  
433.92 MHz  
1 channel



### 2 x FLO1R-S

2 transmitters  
433.92 MHz  
1 channel



### FLOXIR

One channel receiver with BM250 memory



### FLOXI

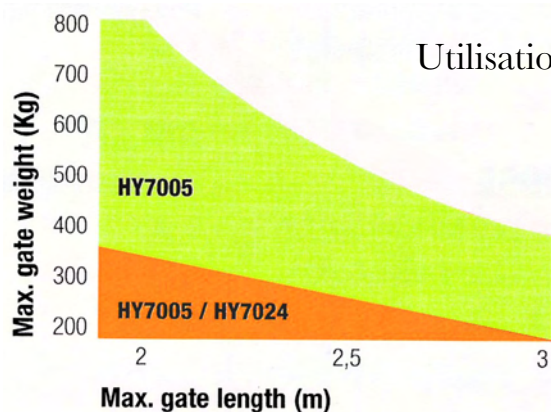
One channel universal receiver



### 1 x SMXI

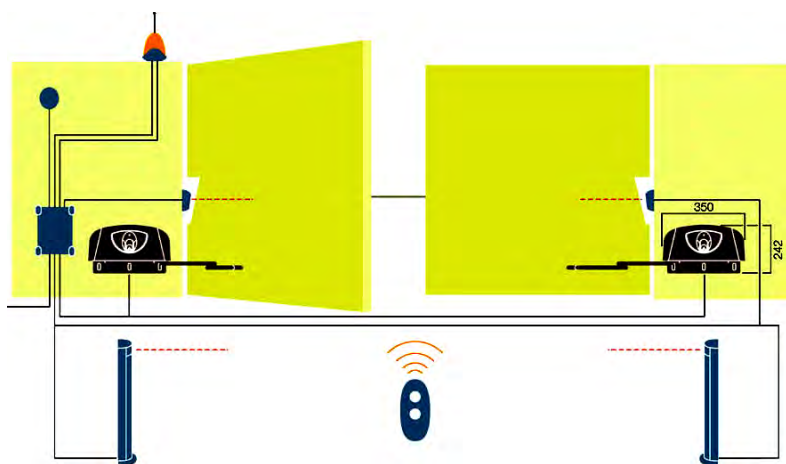
receiver up to 4 channels with 256-codes memory

## Utilisation Limits:



	standard
A max	150
B max	350
D max	450

## Installation Example:



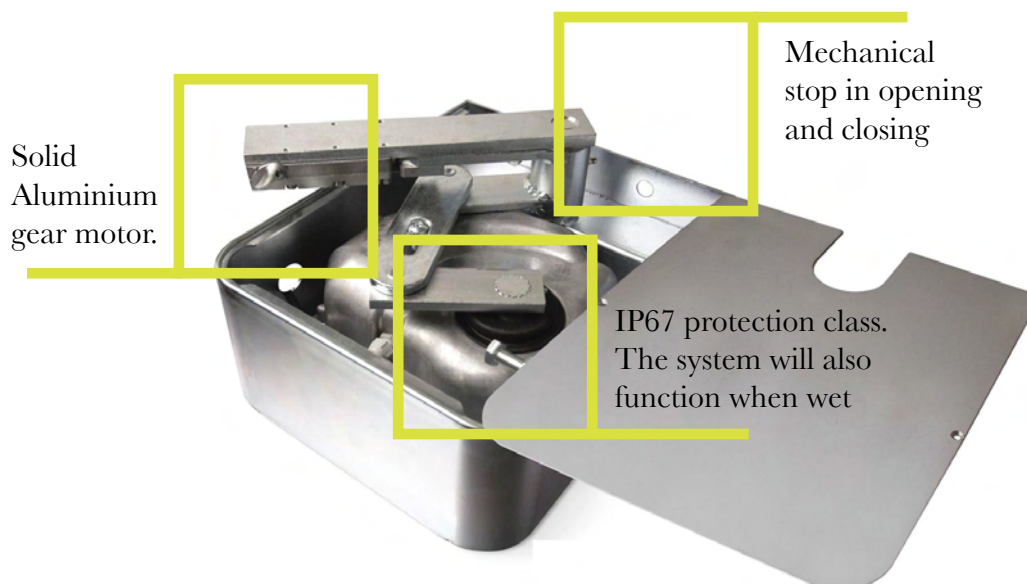
## MOTOR DESCRIPTION

Motor	Description
HY 7005	Irreversible gear motor, 240Vac, with sturdy articulated shear-proof arm, galvanised & painted
HY 7024	Irreversible gear motor, 24Vdc, with sturdy articulated shear-proof arm, galvanised & painted

Kit Code	Description	Kit-specific Accessories	Motor Type	Control Unit	Price
HyppoKit 1	240Vac Motor	1x <b>FLO1</b> + 1x <b>FLOXI</b>	HY7005	A6F	
HyppoKit 2	240Vac motor, Rolling code system	1x <b>FLO1R-S</b> + 1x <b>SMXI</b>	HY7005	A60	
HyppoKit 3	24Vdc Motor	1x <b>FLO1</b> + 1x <b>FLOXI</b>	HY7024	A824	
HyppoKit 4	24Vdc motor, Rolling code system	1x <b>FLO1R-S</b> + 1x <b>FLOXIR</b>	HY7024	A824	

  
**metro**

Metro, irreversible electromechanical gear motor for swing gates. Underground installation. Metroplus, 24Vdc with magnetic encoder.



Three versions with grease lubrication 230Vac (ME3000); with oil lubrication 230Vac (ME3010); MetroPlus 24Vdc with encoder for very frequent use up to 80% (ME3024).

- three models of compact foundation box with release device, in galvanised electrolytic steel (MEC), hot galvanised steel (MEC1), AISI 304 stainless steel (MEC1), all complete with lever and rotation pin.
- competitively priced foundation box, without release device, in hot galvanised steel (MECO)
- very long-lasting: internal parts in metal and bronze alloy
- extremely silent
- easy to use: metal key release device from inside and outside
- standard opening at 110°, or at 360°(optional accessory)
- new mechanical stopping system in closing, patented
- slowing down during opening and closing manoeuvres with lever transmission



	ME 3010	ME 3024
Power Input (Vac 50Hz)	230	-
Power Input (Vdc)	-	24
Current absorbed (line) (A)	1.2	5
Absorbed power (W)	250	120
Condenser (µF)	10	-
Protection level (IP)	67	67
Torque (Nm)	300	250
Speed (m/s)	1.14	1.4
Operating Temp (°C min/max)	-20 / +50	-20 / +50
Thermal Protection (°C)	140	-
Work cycle (%)	40	80
Weight (kg)	11.5	11

## Intelligent version MetroPlus 24Vdc with encoder (ME3024):

- perfect for intensive use
- clutch with anti-crush safety feature
- single-key easy programming
- opening and closing limit switch memorisation
- programming pause time
- pedestrian gate function
- opening and closing acceleration and deceleration feature
- works without mains power using rechargeable batteries

## All Kits Contain:



### 2x MEC1 + 2ME30XX motors

Two foundation boxes in hot-galvanised steel, with key unlock system and mechanical stop in opening + Two irreversible gear motors [type 3000, 3010 or 3024]



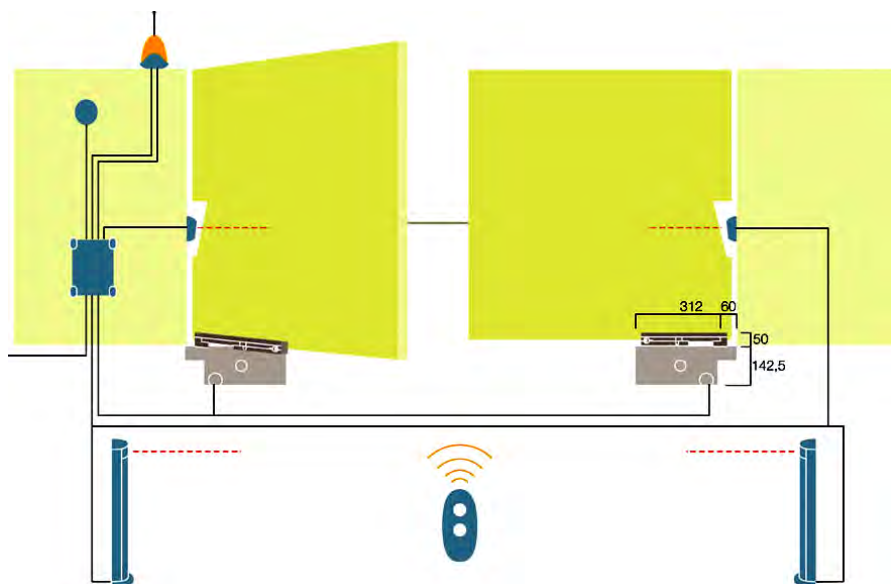
### 1 x Control Unit

Type A60, A6F or A824, depending on the motor included in the Kit.



### 2 x BF

One pair of surface mounted photocells



## Accessories to go with specific kits:



### 2 x FLO1R-S

2 transmitters  
433.92 MHz  
1 channel



### 1 x SMXI

receiver up to 4 channels with 256-codes memory



### 2 x FLO1

2 transmitters  
433.92 MHz  
1 channel



### FLOXI

One channel universal receiver



### FLOXIR

One channel receiver with BM250 memory

ME 3000 = irreversible electromechanical gear motors, 240 Vac, greased.

ME 3010 = irreversible electromechanical gear motors, 240 Vac, lubricated in an oil bath

ME 3024 = irreversible electromechanical gear motors, 24Vdc, with magnetic encoder, complete with connecting lever and mechanical stop for the closing manoeuvre

Kit Code	Description	Kit-specific Accessories	Motor Type	Controller	Price
MetroKit 1	240Vac with greased motor	1x <b>FLO1</b> + 1x <b>FLOXI</b>	ME3000	A6F	
MetroKit 2	240Vac with greased motor, rolling code control	1x <b>FLO1R-S</b> + 1x <b>SMXI</b>	ME3000	A60	
MetroKit 3	240Vac with oil-bath motor	1x <b>FLO1</b> + 1x <b>FLOXI</b>	ME3010	A6F	
MetroKit 4	240Vac with oil-bath motor, rolling code control	1x <b>FLO1R-S</b> + 1x <b>SMXI</b>	ME3010	A60	
MetroKit 5	24Vdc	1x <b>FLO1</b> + 1x <b>FLOXI</b>	ME3024	A824	
MetroKit 6	24Vdc, rolling code system	1x <b>FLO1R-S</b> + 1x <b>FLOXIR</b>	ME3024	A824	



For swing gates with leaves up to 1.8m, also with large posts and lightweight structures

**popkit**



**The Kit contains:**

**PP7024 + PP7224**

2 surface-mounted electromechanical gear motors, PP7024 (with built-in control unit), PP7224 (without control unit)

**Gear Motor Characteristics:**

- \* **sophisticated electronics:** slowdown, obstacle detection system, can be linked to the 8K2 resistive sensitive edge.
- \* **user-friendly:** release with personalised key designed.
- \* **sturdy, aluminium, anti-shearing arm**
- \* **always ready for use:** continues to work even during power failures using optional (PS124) batteries that fit inside the motor.

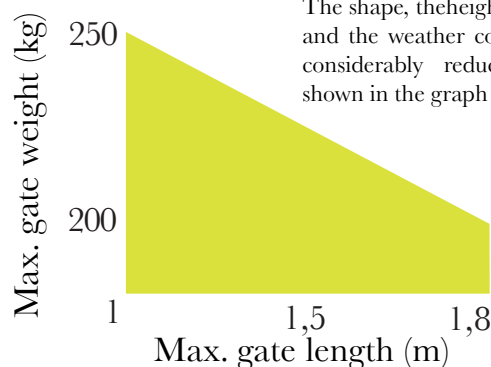
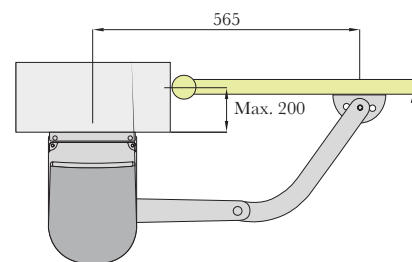
\* **exclusive functions:** photo-test. pedestrain gate, programmable input for functions such as open, close, photo2, open pedestrain and open partially.

\* **extra-small, shockproof body with aluminium base**

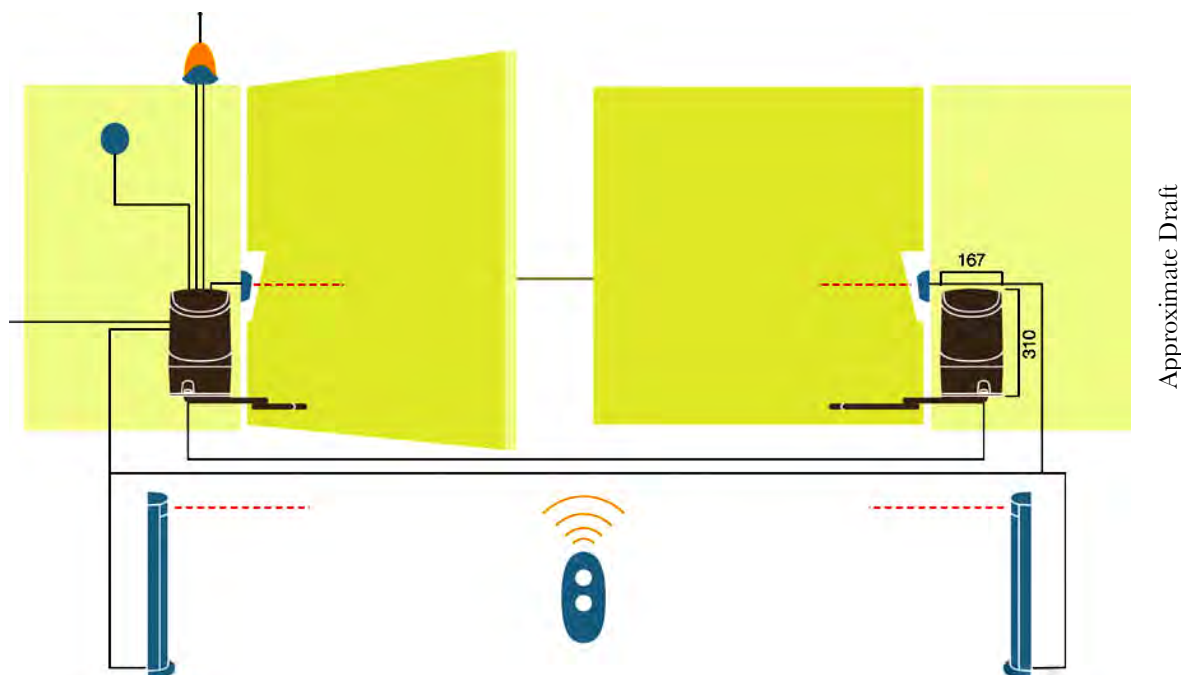
Technical Specifications		PP7024	PP7224
Power	(Vac 50Hz)	230	-
	(Vdc)	-	24
Current Absorbed	(Line) (A)	~1	3
Power absorbed	(W)	75	
Insulation Class	(%)	1	B*
Protection level	(IP)	44	
Torque	(Nm)	180	
Speed	(Rpm)	1.26-1.68	
Opening time	(s)	10	
Working Temp.	(°C Min/Max)	-20 / +50	
Work Cycle	(%)	30	

\* version without control unit.

Utilisation limits

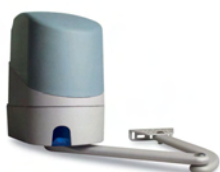






**PopKit24 for a pair of gates includes:**

(NB: The content of the package may vary. Please consult the retailer.)



**1 x PP7024**  
irreversible gear motor,  
24Vdc, with articulated  
arm, with incorporated  
control unit



**1 x PP7724**  
irreversible gear motor,  
24Vdc, with articulated  
arm, without control unit



**1 x FLO2R-S**  
one transmitter  
433.92 MHz,  
2 channels



**1 x SMXI**  
receiver up to  
4 channels with  
256-codes memory



**1 x MOF**  
one pair of photocells  
for outdoor installation



Release device with  
personalized Nice key  
or standard lock  
(optional), designed  
for cord-operated  
release.

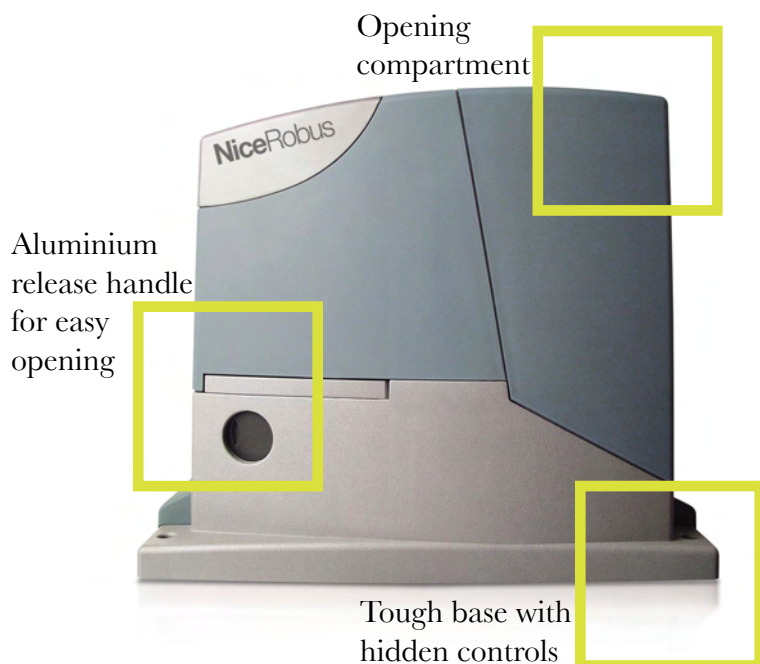


Continues to work  
during power failures  
using batteries (optional)  
that fit inside the motor.

**KIT PRICE:**

£





**For sliding gates up to 350Kg (Robus350), up to 600Kg (RB600) and up to 1000Kg (RB1000). Electro-mechanical gear motor complete with Nice BlueBUS technology,** making it possible to power and control a maximum of seven couples of photocells from the Moonbus series using two wires only.

**Versions with electro-mechanical limit switch (RB600 / RM1000) and with inductive limit switch (RB600p / RB1000)**

#### **Gear Motor Characteristics:**

**\* User-friendly:** the BlueBUS system enables users to connect the photocell couples (7 couples for the 600/1000 models) and control unit using just two wires.

**\* Practical:** the control unit and buffer battery (optional) can be connected by means of a simple connector and can be housed directly inside the motor.

**\* Advanced:** the speed, strength and pause can all be adjusted. **RB600 and RB1000** are equipped with a temperature sensor: adapt themotor power to the climatic conditions and at the same time thermal cut-out. A master/slave selection automatically syncs two motors. This means itis possible to automate 2 leaf sliding gates set opposite each other.

**\* Intelligent:** thanks to the obstacle detection system and automatic programming of the working times, Motor absorption is monitored during movement, self-diagnosis by means of a flashing light. The 600/1000 models have 8 programming levels

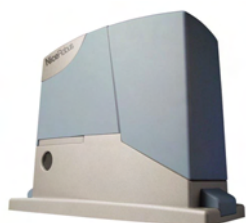
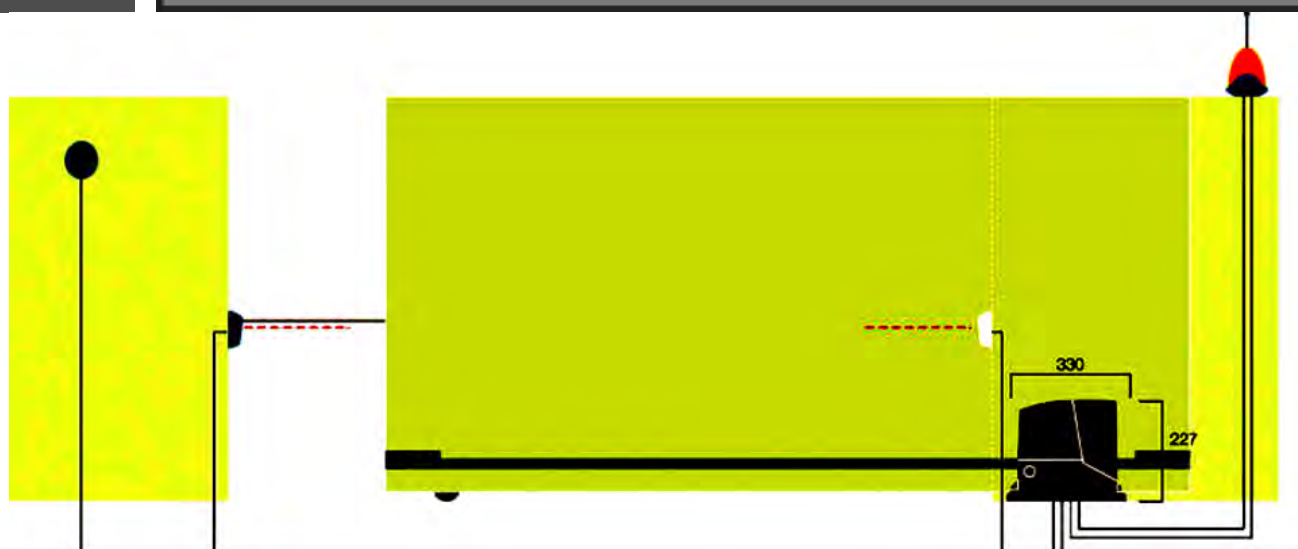
**\* Safe:** acceleration and deceleration can be adjusted at the beginning and end of each opening and closing manoeuvre.

**\* Sturdy:** aluminium release handle for easy opening.

**\* Very quiet:** gear motor on bearings.

Technical Specifications	ROBUS350	RB600/600P	RB1000/1000P
Power (Vac 50/60Hz)	230		
Emergency Power Supply	PS124		
Max. powered absorbed (VA)	250	515	450
Protection Level (IP)	44		
Nominal Torque (Nm)	6	9	15
Max. Torque (Nm)	10	18	27
Speed* (m/s)	0.18 / 0.34	0.1 / 0.3	0.09 / 0.28
Max gate weight (kg)	350	600	1000
Working temp. (°C Min/Max)	-20 / +50		
Insulation class	1		
Work Cycle* (cycles/day)	50	40	70
Weight (kg)	12	11	13

  
robuskit



**1 x ROBUS Motor**  
irreversible electromechanical gear motor, with incorporated control unit. Choice of selection between Robus350, R600(/P) and R1000(/P) motors



**2 x MOFB**  
a couple of external photocells designed for connection via Nice BlueBUS



**2 x FLO1R-S**  
two transmitters 433.92 MHz, 2 channels



**1 x SMXI**  
receiver up to 4 channels with 256-codes memory



\* With Nice's revolutionary BlueBUS system far fewer connections are required, which means incredible time savings: just two wires, which carry both the communication signals and the power supply!




\* Compartment for the pull-out control unit, protected by casing, and for buffer batteries.

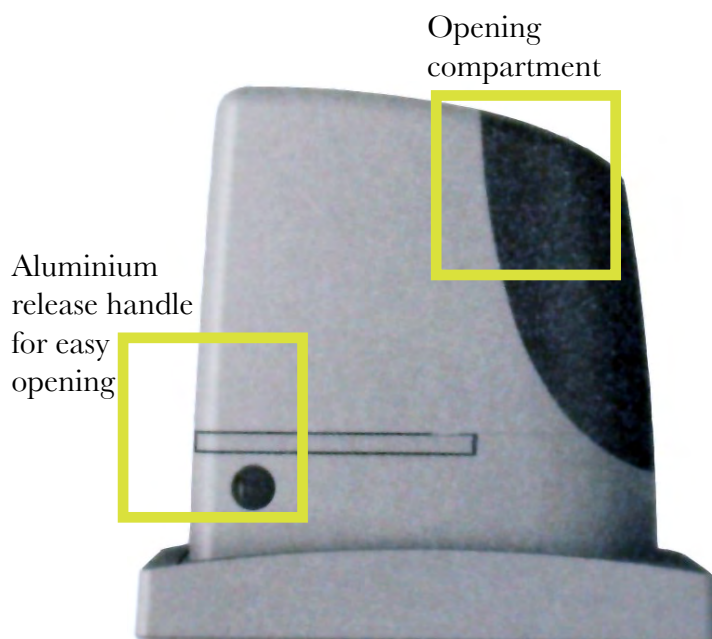


\* Aluminium release handle. Easy to use.

Kit Code	Description	Motor Type	Price
RobusKit	With BlueBUS technology, for gates upto 350 Kgs.	ROBUS350	
RobusKit 1	With electromagnetic limit switch, for gates upto 600 Kgs.	R600	
RobusKit 2	With inductive limit switch, for gates upto 600 Kgs.	R600P	
RobusKit 3	With electromagnetic limit switch, for gates upto 1000 Kgs.	R1000	
RobusKit 4	With inductive limit switch, for gates upto 1000 Kgs.	R1000P	



  
**runkit**



**For sliding gates up to 1800Kg (RUN1800) and up to 2500Kg (RUN2500). Electro-mechanical gear motor with Nice BlueBUS technology.**

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

Suitable to operate in extreme conditions.

## Gear Motor Characteristics:

**\* User-friendly thanks to the BlueBUS system:** the BlueBUS system enables users to connect 15 control systems, the photocell couples and control unit using just two wires. Possibility to connect two flashing lights.

**\* Advanced:** powerful starting; strength and pause can all be adjusted.

**\* Temperature Sensor:** it adjusts the motor force according to weather conditions by regulating both the thermal protection and the self-ventilation intensity. A master/slave selection automatically synchronises two gates. This means it is possible to automate swings set opposite each other.

**\* Intelligent:** thanks to the obstacle detection system and automatic programming of the working times. Self-diagnosis by means of a flashing light. 8 programming levels.

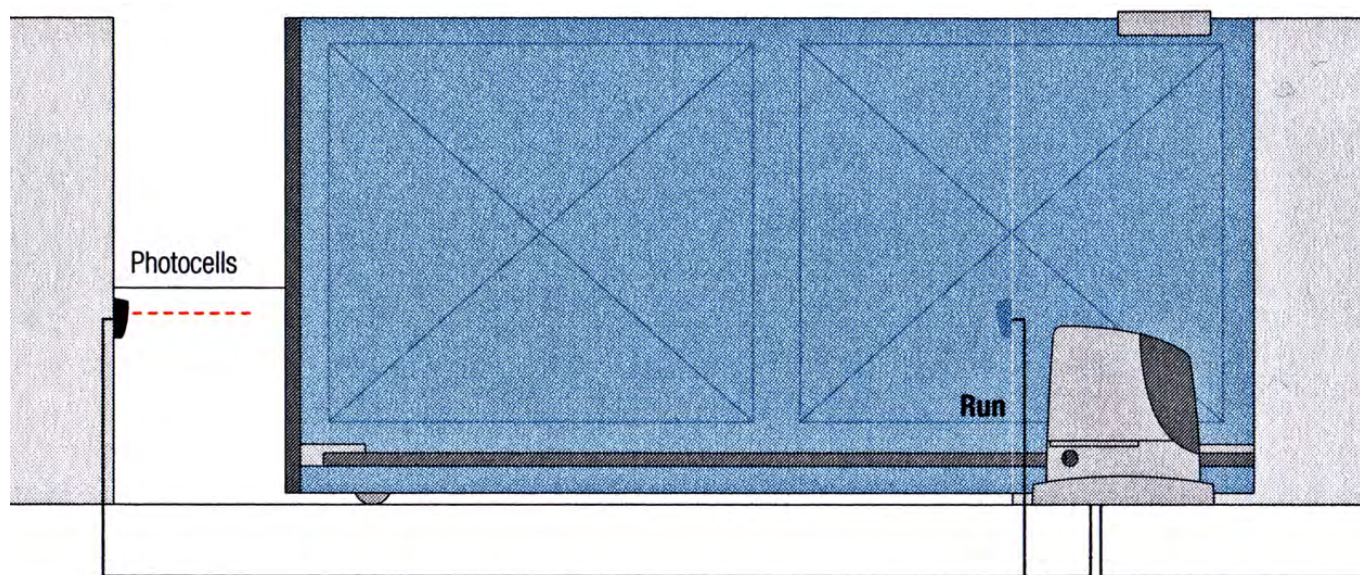
**\* Practical:** built-in control unit, can be connected by means of a simple connector and can be housed directly inside the motor.

**\* Safe:** acceleration and deceleration can be adjusted at the beginning and end of each opening and closing manoeuvre.

**\* Very quiet:** gear motor on bearings.



Technical Specifications		RUN1800/1800P	RUN2500/2500P
Power	(Vac)	230	
Max. power absorbed	(VA)	700	1100
Current absorbed (line)	(A)	3	4.7
Protection level	(IP)	44	
Torque	(Nm)	40	50
Max. thrust	(N)	1100	1350
Max. torque	(Nm)	50	63
Speed	(m/min.)	9.3	
Max. gate weight	(kg)	1800	2500
Working temp.	(C°Min/Max)	-20 / +50	
Insulation Class		1	
Work cycle	(Manoeuvre/day)	200	300
Dimensions	(mm)	400 x 390 x 255	
Weight	(kg)	20	25



Approximate Draft



**1 x RUN Motor**

irreversible electromechanical gear motor, with incorporated control unit. Choice of selection between RUN1800(/P) and RUN2500(/P) motors, depending on the weight of the gate



**2 x MOFB**

two external photocells designed for connection via Nice BlueBUS



**2 x FLO1R-S**

two transmitters  
433.92 MHz, 2 channels



**1 x SMXI**

receiver up to 4 channels  
with 256-codes memory

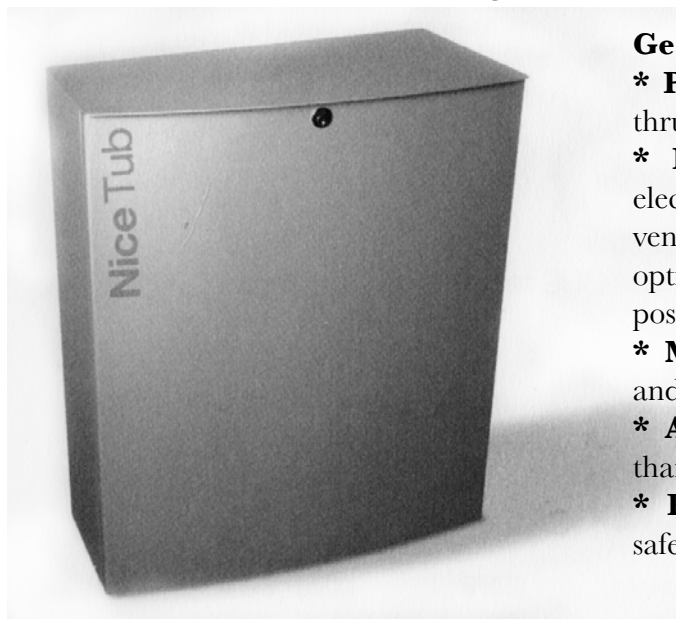
Kit Code	Description	Motor Type	Price
RUNKit 1	With electromagnetic limit switch, for gates upto 1800 Kgs.	RUN1800	
RUNKit 2	With inductive limit switch, for gates upto 1800 Kgs.	RUN1800P	
RUNKit 3	With electromagnetic limit switch, for gates upto 2500 Kgs.	RUN2500	
RUNKit 4	With inductive limit switch, for gates upto 2500 Kgs.	RUN2500P	



**For sliding gates weighing up to 3500Kg. Ideal for industrial use.**

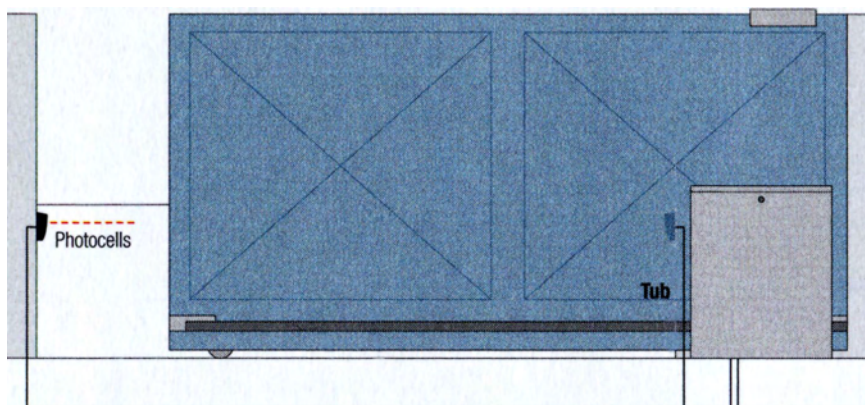
Irreversible electromechanical 380Vac gear motor with built-in Mindy A500 control unit.

tubkit



### Gear Motor Characteristics:

- \* **Powerful:** 550W absorbed output and a peak thrust of over 400Nm.
- \* **Functionality and safety:** programmable, electronic brake which prevents gate inertia; self-ventilated motor to increase the working cycles; optional PIU card to increase the basic functions; possibility of slowdown.
- \* **Maximum durability and silence:** bronze and metal gears.
- \* **Advanced:** any command can be dealt with, thanks to the Tub dip-switch selectable functions.
- \* **Practical:** this operation can be simply and safely performed, thanks to lever release.



Technical Specifications		TUB3500
Power	(Vac)	400
Power absorbed	(W)	550
Protection Level	(IP)	44
Nominal Torque	(Nm)	190
Speed*	(m/min)	10
Max gate weight	(kg)	3500
Working temp.	(°C Min/Max)	-20 / +50
Insulation class		1
Work Cycle*	(cycles/day)	200
Dimensions	(mm)	580x480x240
Weight	(kg)	60

## Common Kit Contents:



### 1 x TUB3500

irreversible electromechanical gear motor, with incorporated control unit and plug-in receiver SMXI and key-release



### 2 x BF

one pair of surface mounted photocells



### 2 x FLO1

2 transmitters  
433.92 MHz, 1 channel



### FLOXI

One channel  
universal  
receiver

Tubkit 1

£



### 2 x FLO1R-S

2 transmitters  
433.92 MHz, 1 channel



### FLOXIR

One channel  
receiver with  
BM250 memory

Tubkit 2

£



# GATE AUTOMATION ACCESSORIES



**4-Button Transmitter**  
**[433 Mhz Rolling**  
**Code]**

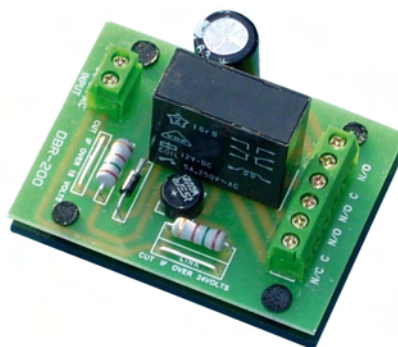


**2-Button Transmitter**  
**[433 Mhz Rolling**  
**Code]**



**Standalone**  
**Receiver**

1 Channel  
2 Channel  
4 Channel



**Very Handy Little**  
**Relay**

2 Relays with C, N/O  
and N/C contacts

## POSTS



Code	Price Per Pair
DCA 110-1	
DCA 110-2	
DCA 055-1	
DCA 200-1 Foundation Plates	
DGA 110-1	
DGA 110-2	
DGA 055-1	



# AUDIO ENTRY KITS & CORDLESS INTERCOMS



**IdealKit 5**



**Powercode Kit**



**Vandalcom Kit**



**Vandalcode Kit**

Product	Description	Price
IdealKit 5	1-Way 5-Wire Surface Mounted Kit (A8251) [1 handset inc.] Extra Handsets [A2402W]	
Powercode	1-Way Audio Kit, Illuminated Directory & Digital Keypad, 300 Codes, Surface or Flush mounted, 2 Relays	
Vandalcom	1-Way Audio Kit, Marine Grade Stainless Steel (A8220) Flush Mounted Surface Mounted [Requires A3159/1 Kit]	
Vandalcode	1-Way Audio Kit, Marine Grade Stainless Steel (A8230) Flush Mounted Surface Mounted [Requires A3159/2 Kit]	



**1-Way Cordless  
[D5601GB]**



**1-Way Cordless  
+ Digital Keycode  
[D5731GB]**



**2-Way Cordless  
[D5602GB]**



**2-Way Cordless  
+ Digital Keycode  
[D5732GB]**

Product	Description	Kit Components	Price
D5601GB Kit	1 Way Cordless Intercom	Single Button Call Station, 1x 3 Function Handset and Base [rechargeable], Controller + Ext Power, Metal Door Station Cover	
D5731GB Kit	1 Way Cordless Intercom + Digital Keycode	Single Button Call Station + Digital Keycode, 1x 3 Function Handset and Base [rechargeable], Controller + Ext Power, Metal Door Station Cover	
D5602GB Kit	2 Way Cordless Intercom	2 Button Call Station, 2x 3 Function Handset and Base [rechargeable], Controller + Ext Power, Metal Door Station Cover	
D5732GB Kit	2 Way Cordless Intercom + Digital Keycode	2 Button Call Station + Digital Keycode, 2x 3 Function Handset and Base [rechargeable], Controller + Ext Power, Metal Door Station Cover	

## VIDEX Systems - Door Entry Kits



Series 3000 AudioKit  
Model No. 3K-1S  
Price:



Digiphone Kit  
Model No. DK-1S  
Price:

Common features of both models:

- \* Wall mountable telephone (3000 Series Smart Line Model) with electronic call tone.
- \* Adjustable 3 level call tone volume (Low, medium and high)
- \* Outdoor station with built in relay for electric lock
- \* "3+1" system: 3 wires plus call wire to the handset
- \* Reduces the cable size required over long distances

Extra feature in model DK-1S:

- \* Combined audio door entry and code lock kit



Product I.D.: Vindex-Handset

Price:

Replacement VIDEX handsets are now available for installation with the DK1S and 3K1S Intercom Systems. Please note that a maximum of four handsets can be installed simultaneously, with each entry system.



# CONTROL PANELS & LOOP DETECTORS

Control Panels for 2 x 22VAC Motors

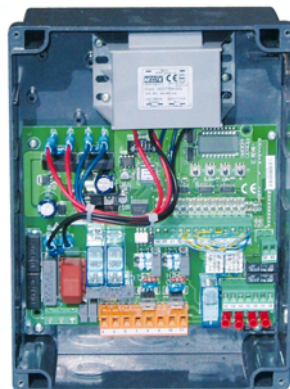
Control Panel for  
1 x 22VAC Motors



F3+ Control  
Panel £



F4+ Control  
Panel £



BA230 [EN12453]  
£

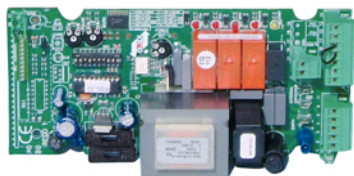


BA100  
£

Anti Crushing & Slowdown, Fully Programmable

## Control Panels for Sliding Gates

Anti Crushing & Slowdown [ EN12453 ]



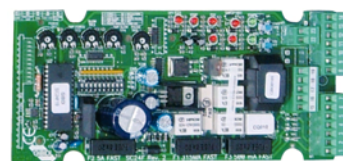
PASS Rego  
£



PASS Star  
£



SC 230  
£

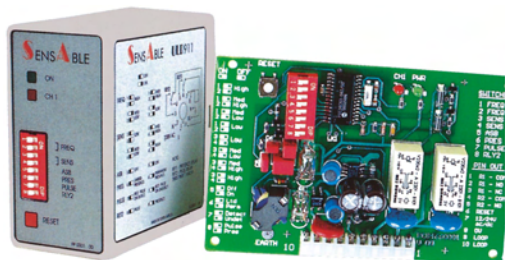


SC 24 - 24Vdc  
£

Battery Back up Kit - 24Vdc £

## Loop Detectors

ULD 910 Single Channel  
loop detectors



Boxed Type £  
PCB Type £

- \* Compact Housing
- \* Wide self-tuning range
- \* Strong loop field strength
- \* Sensitivity levels optimised for parking/vehicle access applications
- \* High interference immunity
- \* Selectable output configuration
- \* Permanent presence feature
- \* High level circuit protection

LOOP CABLE



100 metre drums £  
500 metre drums £