

DCMoto[®]
Automate Your Life

AUTOMATIC DRIVING SYSTEM FOR SLIDING GATE

GFM - 735

All-in-one design with
built-in Infrared Safety Beam

GFM - 705

Mechanical & electronics
in separate housing



Green Machine • Hybrid Power
REDUCE 95% ELECTRICITY \$\$\$ & CO² EMISSION



EASY RELEASE



BUILT IN INFRARED BEAM
(FOR GFM-735)



INVISIBLE FLOOR
MOUNTING SCREWS

A conventional auto-gate system burns about 10 to 20W of electricity during standby.

DCMoto® HYBRID POWER System will cut off the main supply during standby. The electronic system will get power from the standby battery at merely 0.2 Watt.

The main supply will only be on when running the motor or charging the battery.

This results in a reduction of energy consumption by 95%



**GFM 705 MODEL
&
GFM-735 MODEL**

EASY RELEASE
in case of system failure





THE WIRELESS ADVANTAGE

Saving the hassle of running wire inside the house

ANTI.SPY
ENCRIPTION TECH



Wireless Multi Function Keypad With Anti-Spy Technology



Multi Function Remote control



Infrared Safety Beam (Optional)

ADVANCE FEATURES



MOTION LOCK FUNCTION

To inhibit the gate from motion for certain occasions



PEDESTRIAN PASSAGE WAY

A special function to open the gate for only 1.2m wide



AUTOMATIC CLOSE TIMER *

The gate will close automatically after being opened for a preset time *(must installed the infrared safety beam)



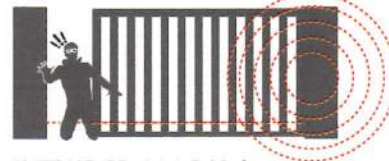
SAFETY REVERSE

Reverse open when the infrared safety beam detected an obstacle (optional item)



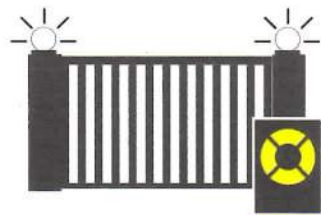
PANIC ALARM

Emergency alarm can be triggered with the remote control or keypad



INTRUDER ALARM *

The infrared safety beam is also acting as an intruder detector *(must installed the infrared safety beam)



AUTOMATIC LIGHTING

Automatic switch on when the gate is open or switch from the remote control or keypad



ELECTRONIC SAFETY CLUTCH

Variable force limit, depending on the size of the gate

Note: Not all the advance features are available in some model. Please check the specification list

MAKE A COMPARISON

CONVENTIONAL Design

DCMoto Design

The motor is always running at full power

irrespective it is a small or a big gate

not a good idea as a safety design



Set limit for the maximum force

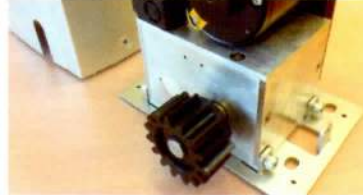
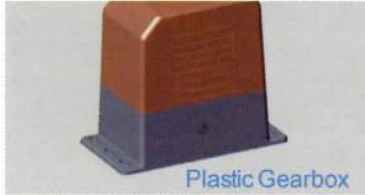


'Electronic Clutch' is set to limit the max. driving force

If the gate hits an obstacle, it will not go further because of the limited power

Many gearboxes are made of plastic material

Ever wonder the structure is strong enough?

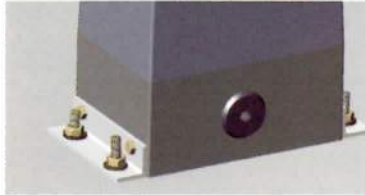


The gearbox is made of aluminium alloy

Do you feel more comfortable with this material?

Mounting screws are visible from the outside

Not a nice view isn't it?



Hidden mounting screws

Elegant and tidy looks

Low cost worm screw gear system

Efficiency is less than 50%

Require constant oil bath lubrication to avoid wear and tear



High efficient spur gear train system

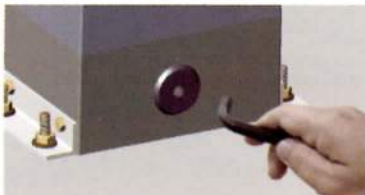
Efficiency >90%

Do not require oil bath lubrication

Never have oil leak problem

There is no dedicated locking device in the system

It is complicated and tedious to release the mechanism for manual override



There is a built in electro-magnetic locking device

To release for manual override simply turn with a security key

The electrical system consumes about 10 to 20W of electricity even during standby 24/7

A big contribution to the CO2 emission!



Our unique hybrid power source design reduce the power consumption by 95% during standby

We are going green

Specifications:

model: GFM-705

model: GFM-735

	model: GFM-705	model: GFM-735
Electronic Controller	In a separate box	Built inside the motor
Infra-red Safety Beam	Optional	Built inside the motor
Hybrid Power Source	Yes **	Yes **
Multi Function Keypad	Yes	Yes
Alarm Siren	Yes	Yes
Automatic Close Timer	Yes *	Yes
Motion Lock	Yes	Yes
Panic Alarm	Yes	Yes
Intruder Alarm	Yes *	Yes
Backup Battery	Optional	Optional
Lighting Control	Yes	Yes
Electronic Clutch	Yes	Yes
Overload-reverse Sensor	Yes	Yes
Electric Motor	DC24V	DC24V
Main Power Supply	AC230V	AC230V
Gear Ratio	1:53	1:53
Linear Force (Dynamic) (12V)	450N	450N
Linear Force (Static) (12V)	1250N	1250N
Linear Speed (@24V)	14.5m/minute	14.5m/minute
Number Of Speed	3 Speed	3 Speed
Max. Gate Length	10m	10m

* must function together with the infrared beam ** must function together with the backup battery

Note 1: In some countries, installing the infrared safety beam is compulsory by law.

Note 2: Due to some on-site constraints or the agreement with your dealer, some features or functions may be committed.



Find out more by scanning the QR code with your smartphone's QR code reader

www.dcmoto.my

Dealer: