

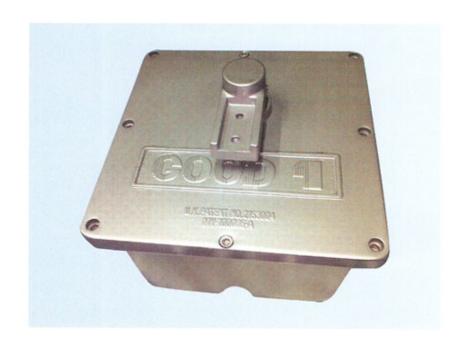


GATE OPERATORS

RELIABLE AUTOMATION FOR SWING GATES

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matic gate system specially designed to provide comfort and lasting automation to you. Engineered to be relied upon and built to withstand heavy usage. This versatile system can be installed to existing gates of your home or factory. The drive units of the system are mounted in the ground and out of sight and thus do not alter the aesthetic appearance of a gate. The system also offers you.



Fast Operation

The motor unit that drives the mechanism has among the fastest operation speed in the industry -8 to 10 seconds for a 90° turn.

Safety

An inbuilt safety clutch system suspends the motion of the gate should any obstacle be encountered in its path. During the closing or opening sequence, the friction clutch will automatically operate to prevent injury or damage.

Durable and Weather Shield Components

Major component parts such as casing and actuator arm are made of tough, enduring and rust resistant materials. The motor drive unit itself is housed in a weather and waterproof, aluminium alloy casing.

Silent Operation

A silent D. C. motor unit drives the mechanism to provide a seemingly effortless operation.

Convenience

The coded transmitter affords convenient operation within the confines of a vehicle (even with windows wound up) from a distance of 30 to 50 metres. In the event of a power failure, the gate can be opened manually with ease with a special passkey.

Foolproof coding for security

Because the system is coded, the D.C. Lock ensures that once the gate is closed, no unauthorised opening is possible. The special code enables the gate to be opened only with your transmitter or passkey.

Technical Specifications

Actuator		Control Unit	
Туре	: A rotary drive unit complete with D.C. motor, speed reducer and electro-mechanical clutch system housed in a waterproof alloy casing.	Туре	: Uses state of the art micro- processor with solid state integrated circuit for total control and encased in a weather resistant casing.
Motor Voltage Rating Power Consumption Motor Rated Load Speed	: 15-24V Direct Current (DC) : 25 watt per actuator : 4,700 rpm	Power Supply	: Voltage - 230 v Current - 13 Amps Frequency - 50 Hz
Insulation Resistance Actuator Output Speed Angular Speed Closing Speed (for a 90° rum)	: 1 mega ohm : 2.2 rpm : 12°- 15° per second : 8-10 seconds	Timer External Dimension	Adjustable to control sequence of motor operations and to cut off current supplies to motor instead of using limit switches. 310mm X 250mm X 130mm
Max. Leaf Opening Angle Max. Leaf Weight	: 360°	Actuator Arm & B	racket
Allowable Casing Thrust Force	: 200kg : Waterproof and rust resistant cast alloy : 0 to 60 kg.	Type Bearing Serial Arm's Dimensions	: Nickel-chrome plated iron : F - 10 - 30A : 570mm X 25mm X 5mm
External Dimensions	: 240mm X 240mm X 140mm	Transmitter	
Solenoid Lock		Туре	: Battery-operated, crystal controlled, frequency modulated radiowave, using approved
Rated Voltage Locking Stopper	: 24v Direct Current (DC)] : Solid mild steel coated with hard PVC	Transmission Band Range	citizen band. : 27.14 MHz Citizen Band : Effective - 30 metres
Manual Override	: Key operated cam-lock to enable manual operation in the	Dimensions	Maximum - 50 metres : 97mm X 56mm X 22mm
Dimensions	event of power failure. : 140mm X 80mm X 70mm	Battery	 Single 9v - under normal usage, the battery should last six months.

(*s continuous development programmes may bring specification changes and the right is reserved to make such changes without notice.