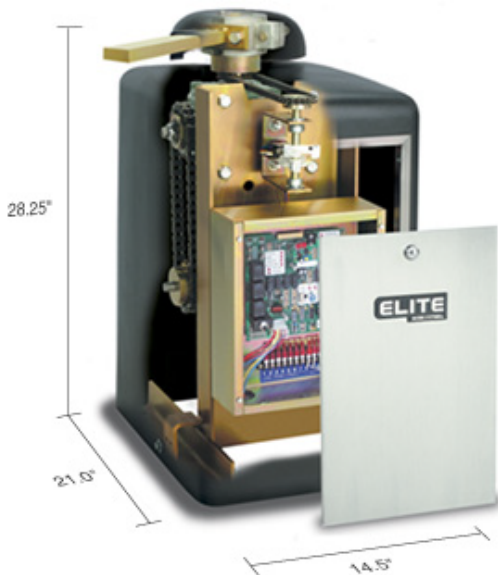


# THE ROBOSWING R900 SWING GATE OPERATOR

Elite Access Systems, Inc. presents RoboSwing R900™, the light-duty commercial gate operator, specifically designed for limited commercial applications, single family house, residential complexes of 15 units, or ranches. Engineered to handle a maximum of 250 cycles a day with plug-in transformer on a gate up to 400 lbs. and 16 feet in length, this unique gate operator can be used as a wireless unit through the solar power system. RoboSwing R900™ uses only a 12 volt, 7 amp hour battery that can be charged either through the solar panel or plug in transformer. This super quiet operator functions with a continuous cycle DC motor and dual gear reducers. Equipped with an automatic closing timer, two-way reversing sensor and electronic shut-off system (Electric Clutch System), RoboSwing R900™ is capable of accepting a safety loop system. The no power failure function is the most unique feature of this operator, making the RoboSwing R900™ one of the most advanced gate operators in the world today.

## MECHANICAL SPECIFICATIONS



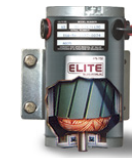
Modular control board uses LEDs to indicate all input and output functions of the operator.



30 to 1 ratio gear reducer, in an oil bath, delivers smooth & quiet operation.



Permanent magnetic 12volt DC motor.



The gate can easily be disconnected by turning the release handle



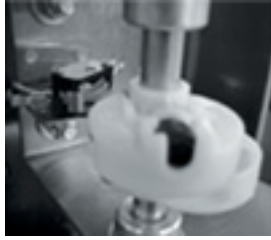
## FEATURES

- Chassis - Constructed with 1/4" metal welded and gold zinc plated.
- Sensor - Can be set for closing and opening cycles. If the gate hits a vehicle while closing, it reverses. If it hits a vehicle while opening, it stops, reverses several inches, and stops again.
- Alarm - Activates anytime the moving gate physically stops by an unwanted object.
- Timer - can be set from 0-60 seconds.
- Cover - Heavy Duty, weather proof polyethylene plastic cover with a stainless steel door.
- Shipping Weight - 175 LBS
- Gate Travel Speed - 15-17 seconds per 90° cycle.
- Capabilities - Gate length up to 16 feet and 400 LBS
- Cycles - 250 cycles per day with plug in transformer. Gate size 16'X6'. Cycles with solar power varies. Contact manufacturer.
- Power Failure - No power failure. The unit is equipped with a battery back-up system (50 cycles).



# THE ROBOSWING R900 SWING GATE OPERATOR

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## LIMIT SWITCH SYSTEM

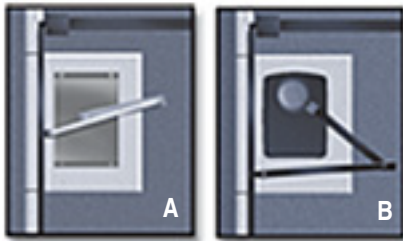
The RoboSwing limit switch system uses high speed ball bearings for optimum performance and efficiency.

## ERD SENSOR

If the gate hits an vehicle while closes, it reverses  
If it hits a vehicle while opening, it stops, reverses several inches, and stops again



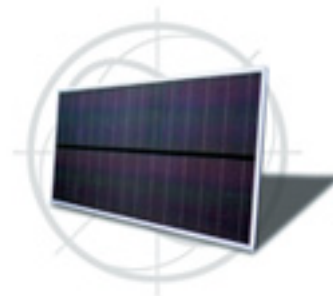
## NON SCISSOR ACTION



Most swing gate operator arms will cross and produce a dangerous "scissor" action while opening the gate to a 90° opening, as shown in picture "A". We designed our RoboSwing R900™ operator arms to not cross, eliminating the scissor action as shown in picture "B". This feature reduces the risk of injury from the gate operator arm.

## SOLAR POWER OPTION

Optional solar panel makes the RoboSwing a wireless system.



## THREE YEAR WARRANTY

Elite Access Systems, Inc. warrants the RoboSwing R900™ Gate Operator to be free of defects in workmanship and material for a period of 3 years from the date of purchase. This warranty does not cover battery or other external accessories.

