

# 6550 VEHICULAR SWING GATE OPERATOR



## Easy access design, low maintenance & quiet operation

- Two-piece split steel housing allows easy access without having to remove the gate arm
- Easy to adjust electronic magnetic limits eliminate old style mechanical switches that can wear out, break or fail
- Unique breakaway hub design prevents gear box damage if the gate is struck
- Steel frame for strength and durability
- Easy to use manual release system
- 5-Year limited warranty

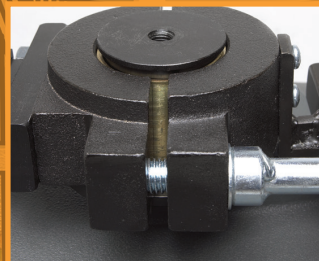
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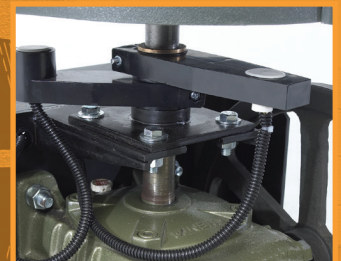
**Split Case Design**  
for access to operator without removing gate arm



**Steel Frame**  
for strength and durability



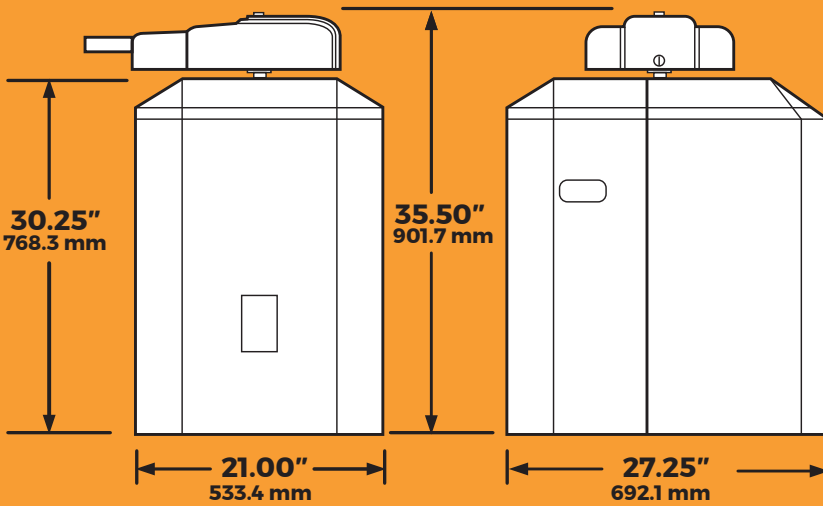
**Breakaway**  
hub prevents gearbox damage



**Easily Adjustable**  
electronic magnetic limits



# 6550 VEHICULAR SWING GATE OPERATOR



## 6550

CLASS OF OPERATION	I, II, III, IV
MAX GATE LENGTH*	25 ft (7.62 m)
MAX GATE WEIGHT*	2000 lb (907 kg)
MOTOR	1 HP Continuous Duty AC Motor
INPUT	115 VAC, 60 HZ, 9.7A
SECONDARY	1 HP 115 VAC, 9.7A includes 50' cable

\* Assumes gate to be in good condition and swinging in a level plane.

High Voltage Kit allows the operator to be powered from 208, 230, 460 or 575 source voltage. In dual gate applications, only one (1) kit is required (secondary operator DOES NOT require a high voltage kit)

## TECHNICAL FEATURES

### MECHANICAL

Primary reduction is provided by a pulley / belt driving a 60:1 worm gear reduction system running in a continuous oil bath

The 6550 rotates the gate 90° in approximately 12-14 seconds

Operator mechanics are mounted on a steel frame plated for corrosion resistance

Two-piece articulating arm mechanical slow-start / slow-stop function.

Mounting: operator requires a concrete mounting pad

Keyed access is provided to release arm for manual gate operation in the event of a power outage

Split steel housing simplifies installation and maintenance.

Unique breakaway hub helps to protect the gear box if the gate is rammed

Secondary operators used in bi-parting (dual) gate applications cannot be used as a stand-alone device

### GATE TRACKER™

Reporting output provides operator data to a DKS 1833, 1835, 1837 or 1838 access control system (requires 2358 expansion board).

### ELECTRICAL

Adjustable electronic magnetic limits

Auto-close timer (1-23 seconds)

Gate overlap feature for bi-parting (dual) gate operation

Simple connection for secondary operator in bi-parting gate systems

Built-in On / Off switch

Built-in alarm reset switch

Selectable shadow / reverse loop function

Magnetic lock power

Ports for plug-in open and reverse loop detectors.

DKS plug-in detectors only

Three 115 VAC convenience outlets for accessory transformers

### MISCELLANEOUS

Environmental: 10°F to 115°F (-12°C to 46°C)

Thermostatically controlled heater kit recommended for colder environments

Shipping weight approximately 175-225 Lbs (79.1-101.8 kg) depending on model and options selected

Operator requires monitored Type B1 and/or Type B2 entrapment protection devices.

## DoorKing®, Inc.

Access Control Solutions since 1948



120 S. Glasgow Avenue,  
Inglewood, California 90301 U.S.A.  
Tel: 310-645-0023 FAX: 310-641-1586  
www.doorking.com

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