6550 VEHICULAR
SWING GATE OPERATOR

Easy access design low maintenance & quiet operation

- Split polyurethane 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 gearbox damage if the gate is struck
- Steel frame for strength and durability
- Easy to use manual release system
- 5-year limited warranty

ACCESS CONTROL SOLUTIONS
**6550 VEHICULAR SWING GATE OPERATOR**

**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, polypropylene 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.

### TECHNICAL FEATURES

<table>
<thead>
<tr>
<th><strong>CLASS OF OPERATION</strong></th>
<th>I, II, III, IV</th>
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<tbody>
<tr>
<td><strong>MAX GATE LENGTH</strong></td>
<td>25 ft (7.62 m)</td>
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<tr>
<td><strong>MAX GATE WEIGHT</strong></td>
<td>2000 lb (907 kg)</td>
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<tr>
<td><strong>MOTOR</strong></td>
<td>1 HP Continuous Duty AC Motor</td>
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<tr>
<td><strong>INPUT</strong></td>
<td>115 VAC, 60 Hz, 9.7A</td>
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<tr>
<td><strong>SECONDARY</strong></td>
<td>1 HP 115 VAC, 9.7A includes 50’ cable</td>
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* 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).

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DoorKing®, Inc.
Access Control Solutions since 1948

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