AC & DC POWERED GATE OPERATORS
A SYSTEM FOR ALL APPLICATIONS

Controls Gates from 16’ (4.8m) to 45’ (13.7m)

Small Size Gates
- Residential
- Slide gates up to 16’ (4.8m), 900 Lb. (409kg)
- DKS 8800 slide gate operators

Medium Size Gates
- Residential, Commercial, Industrial
- Slide gates up to 40’ (12.2m), 1000 Lb. (453kg)
- DKS 9000, 9010 1/2HP and 9024 1/2 & 1HP
- 8800 up to 40’ (12.2m) slide gate operators

Large Size Gates
- Commercial and industrial
- Slide gates up to 35’ (10.6m), 9000 Lb. sliding
- DKS 9000 24V slide gate operators

ACCESSORIES:
ENTRAPMENT PREVENTION DEVICES

Photo-eyes
- Photo-reflective beams have a scan distance up to 45 ft. (14m)
- Includes reflector and mounting bracket
- Photo-reflective beams have a scan distance up to 100 ft. (30.48m)
- Separate sender and receiver
- Hooded metal enclosure
- Infrared beam

Reversing edges
- A variety of edge styles for different gates
- Mounting channels included

Guide Rollers
- Designed to meet the requirements of the UL 325 and ASTM F2200 standards
- Fabricated from UHMW material for long-lasting quiet operation

V-Wheels
- DKs provides a full line of V-wheel assemblies and replacement V-wheels to meet any application and budgetary requirements

Loop Detectors
- Plug-in detectors (DKs only), single and dual channel
- Pre-fabricated loops available or form your own loops
**VEHICULAR AC & DC**

**9050**
For gates up to 16 ft (4.8m) / 500 lbs (227kg)

**9100**
For gates up to 30 ft (9.1m) / 500 lbs (453kg)

**9150**
For gates up to 45 ft (13.7m) / 1500 lbs (680kg)

**9000**
For gates up to 35 ft (10.6m) / 1500 lbs (680kg)

**9024**
For gates up to 40 ft (12.2m) / 2000 lbs (900kg)

**RESIDENTIAL**

**BUILT IN SAFETY FEATURES**

- Built-in mechanical and electronic reverse system
- Electronic magnetic limits eliminate old style mechanical switches that can wear out, break or fail
- Automatic self-setting limits mean no limit switch adjustment – ever
- Designed for continuous-duty applications
- Advanced microprocessor control board
- Includes anti-tailgating features and operator reporting features
- 1/2 or 1 HP continuous-duty motors

**SLIDE GATE OPERATORS**

**9100/ THE SAFEST SELF ADJUSTING GATE OPERATOR**

- Bulit-in mechanical and electronic reverse system
- Maintains a completely operable access control system during power outages and is ideal for any application.

**9150/ LARGE COMMERCIAL GATES**

- Electronic magnets limits eliminate old style mechanical switches that can wear out, break or fail
- Automatic self-setting limits mean no limit switch adjustment – ever
- Designed for continuous-duty applications
- Advanced microprocessor control board
- Includes anti-tailgating features and operator reporting features
- 1/2 or 1 HP continuous-duty motors

**9000/ THE QUIETEST OPERATOR IN BOTH AC AND 24 VOLT DC BATTERY BACK-UP & SOLAR**

- Designed for limited-duty residential applications only (100 maximum cycles per day)
- Built-in mechanical and electronic reverse system
- Electronic magnetic limits eliminate old style mechanical switches that can wear out, break or fail
- Automatic self-setting limits mean no limit switch adjustment – ever
- Designed for continuous-duty applications
- Advanced microprocessor control board
- Includes anti-tailgating features and operator reporting features
- 1/2 or 1 HP continuous-duty motors

**SPECIFICATIONS**

- **9050**
  - Designed for limited-duty residential applications only (100 maximum cycles per day)
  - Built-in mechanical and electronic reverse system
  - Electronic magnetic limits eliminate old style mechanical switches that can wear out, break or fail
  - Automatic self-setting limits mean no limit switch adjustment – ever
  - Designed for continuous-duty applications
  - Advanced microprocessor control board
  - Includes anti-tailgating features and operator reporting features
  - 1/2 or 1 HP continuous-duty motors

- **9000**
  - Adjustable direct driven limits for precise gate control
  - Easy to use manual t-handle release
  - Polyethylene cover for durability
  - Steel frame for strength and quiet operation
  - 1/2 and 1 horsepower models
  - Full feature circuit board
  - Primary and secondary units for bi-parting (dual) gates

- **9024**
  - A DC motor and battery backup for continued gate operation if AC power is lost or for solar power
  - 15/230 VAC Input (switch selectable) or 24 VDC Solar Power Input
  - Powerful 1/2 HP Quadra Drive motor for long life, with heavy-duty full size 20:1 ratio gearbox
  - Solar power ready
  - **“t-Handle” release is easily accessible from front of operator**

**9050 / 9100 / 9150**

- Designed for continuous-duty applications
- Electronic magnetic limits eliminate old style mechanical switches that can wear out, break or fail
- Automatic self-setting limits mean no limit switch adjustment – ever
- Designed for continuous-duty applications
- Advanced microprocessor control board
- Includes anti-tailgating features and operator reporting features
- 1/2 or 1 HP continuous-duty motors

**9000 / 9024**

- **9000 / 9024 Models**
  - Easy to use manual t-handle release
  - Polyethylene cover for durability
  - Steel frame for strength and quiet operation
  - 1/2 and 1 horsepower models
  - Full feature circuit board
  - Primary and secondary units for bi-parting (dual) gates

- **9000 / 9024 Models**
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  - Primary and secondary units for bi-parting (dual) gates

**Gate Tracker™**
Provides operator data to companion access controller (DKs 1833 / 1835 / 1837 / 1838)

**Safety-sensor**
Automatically reverses gate when an obstruction is detected.

**DC/Solar 9024**
Operates on 24v Dc or solar power input.

**Steel Built**
Steel built gate operators are designed for continuous-duty applications.

**Manual T-Handle**
Manual T-Handle releases gate when pulled.

**GATE LENGTH MAXIMUM**

<table>
<thead>
<tr>
<th>Model</th>
<th>14 ft (4.2m)</th>
<th>30 ft (9.1m)</th>
<th>45 ft (13.7m)</th>
<th>35 ft (10.6m)</th>
<th>40 ft (12.2m)</th>
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<tbody>
<tr>
<td>9050</td>
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**HORSE POWER**

- 1/2 HP
- 1 HP

**LOOP DETECTOR PORTS**

- 1/2 HP
- 1 HP

**GATE TRACKER**

- 1/2 HP
- 1 HP

**PARTIAL OPEN AND ANTI-TAIL-GATING FEATURES**

- 1/2 HP
- 1 HP

**USAGE**

- 1/2 HP
- 1 HP

**CUSTOM OPTIONS**

- 1/2 HP
- 1 HP

* Assumes gate to be in good condition and sliding on a level surface.**