

DKS SWING GATE OPERATORS



**KEEPING YOUR GATE
FRONT AND CENTER**



RELIABLE, STREAMLINED DESIGNS FOR SERIOUSLY SMOOTH GATE OPERATION.

Developed for intermittent and continual use in a variety of applications, from single family residential to apartment complexes, gated communities, college residence halls, and even commercial facilities. DKS Swing Gate Operators are available for locations that require column-mount, in-ground, pad, or post-mounted units to suit virtually any gate and terrain configuration. With options for single or bi-parting gates, DKS Operators are designed to withstand the elements, deliver reliable access control, and maintain the aesthetic of your gate.



Model 6550



Model 6300



Model 6004



Model 6400

6003 | 6005 LIGHT DUTY SWING GATE ACTUATORS

GATE MOUNTED LOW VOLTAGE COMPACT DESIGN



Model 6003 Actuator
(for smaller gates)



Model 6005 Actuator
(for larger gates)

DKS 6003 and 6005 Swing Gate Actuators offer convenience and reliability in a compact, aesthetic design. These Actuators mount directly to your gate and pilaster, which simplifies installation without the need for concrete pads. The powerful screw-driven pistons in these Actuators connect directly to the gate, eliminating weak mechanical connections, and they are fully enclosed to prevent dirt and other airborne corrosives from contaminating the screw threads. Plus, there is no need to worry about hydraulic leaks, check valves or pumps.

These Actuators feature built-in limit switches that precisely control the start/stop speed and travel of your gate. The microprocessor-based electronic control board provides many advanced features not typically found in Operators in this class, and with a 24 volt DC operating voltage, DKS Actuators are ideal for residential applications.



Solar Powered
Control Box



AC Powered
Control Box



Solar Panel and Battery
Options Available

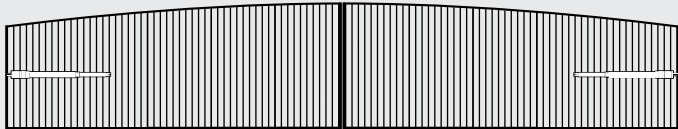


Solar Power
Option



The elegant lines of the model 6005 provide a clean profile that will blend with any gate design.

← up to 13 ft (3.96 m) →



Small Gates

Swing Gates up to 13 ft (3.96 m), 500 lb (226 kg)
115 VAC and 24 VDC

KEY FEATURES:

- Fully enclosed Screw Drive Actuators
- Adjustable Limit Switches
- Slow Start/Slow Stop: 6003
- Overlap feature for bi-parting (dual) non-colliding 2-gate applications
- Motors operate on low voltage (24 VDC)
- Built-in Battery Charger
- Magnetic Lock Output
- Ports for plug-in Open and Reverse Loop Detectors (DKS Loop Detectors only)
- Keyed Release for manual operation
- Mounts directly on gate and gate post, simplifying installation and eliminating the need for concrete pads
- Battery backup provides uninterrupted operation if primary (AC power) is lost
- 115 VAC or 24 VDC Solar Powered control box options
- External Obstruction Sensing Devices must be used with these Operators



Keyed Release
For manual operation



Soft Start/Soft Stop
Provides smooth gate operation for Model 6003

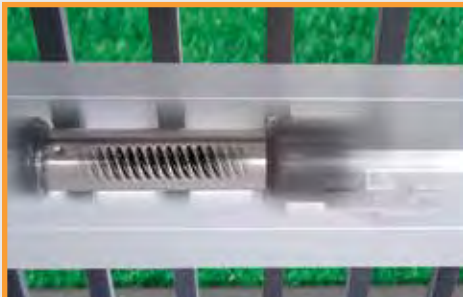
Fully Enclosed
Screw drive protects screw threads



Reliability
In a compact and simple to install design



Electronic Control Box
Solar options available



6004 COLUMN MOUNT LIGHT DUTY SWING GATE OPERATOR

COLUMN MOUNTED LOW VOLTAGE WORRY-FREE



Model 6004

DKS 6004 is ideal to operate swing gates that are mounted on large columns. The 6004 mounts directly on the column and simplifies installation by eliminating the need to cut niches on the column, and there is no need for concrete pads. Using a strong screw drive system, there is no need to worry about hydraulic leaks, check valves, or pumps. The 6004 features a keyed release system that allows the gate to be moved by hand if a system failure should occur.



Solar Powered
Control Box



AC Powered
Control Box



Solar Power
Option

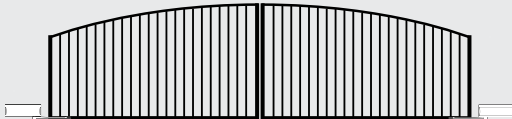


The low-profile 6004 column mount Operator is virtually invisible from the gate entrance.

KEY FEATURES:

- Adjustable Magnetic Limit Switches
- Slow Start/Slow Stop
- Overlap feature for bi-parting non-colliding 2-gate applications
- Motors operate on low voltage (24 VDC)
- Batteries included and built-in battery charger
- Magnetic Lock output
- Ports for plug-in Open and Reverse Loop Detectors (DKS Loop Detectors only)
- Mounts directly on gate and gate post, simplifying installation and eliminating the need for concrete pads
- Battery backup provides uninterrupted operation if primary (AC) power is lost
- 115 VAC or 24 VDC Solar powered control box options
- External Obstruction Sensing Devices must be used with these Operators

← up to 8 ft (2.4 m) →



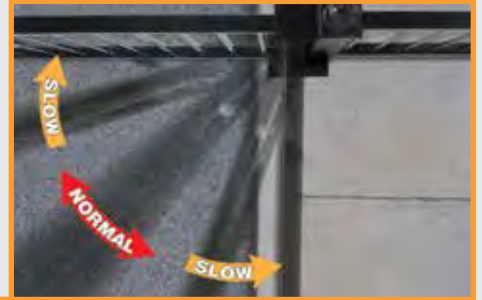
Small Gates

Swing Gates up to 8 ft (2.4 m), 500 lb (226 kg)
115 VAC and 24 VDC



Solar Power

Solar panel and battery options available



Smooth Operation

Soft Start/Soft Stop provides smooth gate operation

Compact
Reliability in a compact and simple to install design



Dual Gates

Overlap feature for dual gates



Loop Detectors

Easy plug-in ports for DKS loop detectors



Apartments & College Residence Halls



Apartment Complex & Gated Communities



Commercial & Industrial



Self Storage



Parking



Mixed Use Buildings



Residential

6400 IN-GROUND LIGHT DUTY SWING GATE OPERATOR

THE UNSEEN GATE OPERATOR

DKS 6400 installs in-ground, making it virtually invisible – and quiet – satisfying the most sophisticated automation needs without being detrimental to the original gate design. Invisible and powerful, the motor/drive mechanism is constructed in die-cast aluminum with a special corrosion-proof treatment, and because the drive unit is gear-driven, there is no need to worry about hydraulic leaks, check valves, or pumps.

The in-ground, self-supporting foundation box is built from corrosion-proof steel and has a galvanized steel cover. A lockable manual release lever is designed so it can be operated from inside or outside the gate.

Model 6400



Solar Powered
Control Box



AC Powered
Control Box



Solar Power
Option

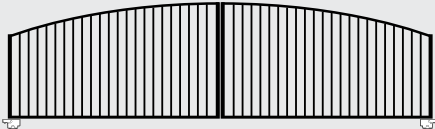


The in-ground 6400 Operator is virtually out of sight, and stealthily quiet.

KEY FEATURES:

- The 6400 installs in-ground, making it virtually unseen and is designed for residential gates up to 8 ft (2.4 m) long
- Invisible and powerful Gear Drive
- Lockable Manual Release from inside or outside
- Built-in Magnetic Limit Switches precisely control the start and stop speed and travel of the gate
- Ports for plug-in Open and Reverse Loop Detectors (DKS Loop Detectors only)
- Bi-parting non-colliding 2-gate system controlled from single board
- Battery backup provides uninterrupted operation if primary (AC) power is lost
- 115 VAC or 24 VDC Solar powered control box options
- External Obstruction Sensing Devices must be used with these Operators

← up to 8 ft (2.4 m) →



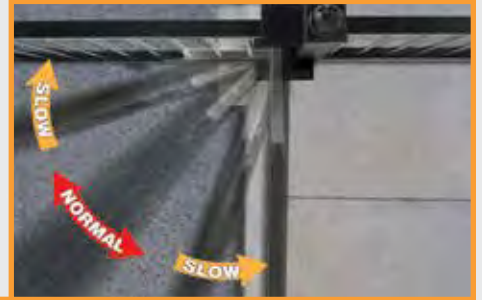
Small Gates

Swing Gates up to 8 ft (2.4 m), 500 lb (226 kg)
115 VAC and 24 VDC



Solar Power

Solar panel and battery options available



Smooth Operation

Soft Start/Soft Stop provides smooth gate operation

Electronic Control Box

AC/DC versions available



Easy Access

With removable cover

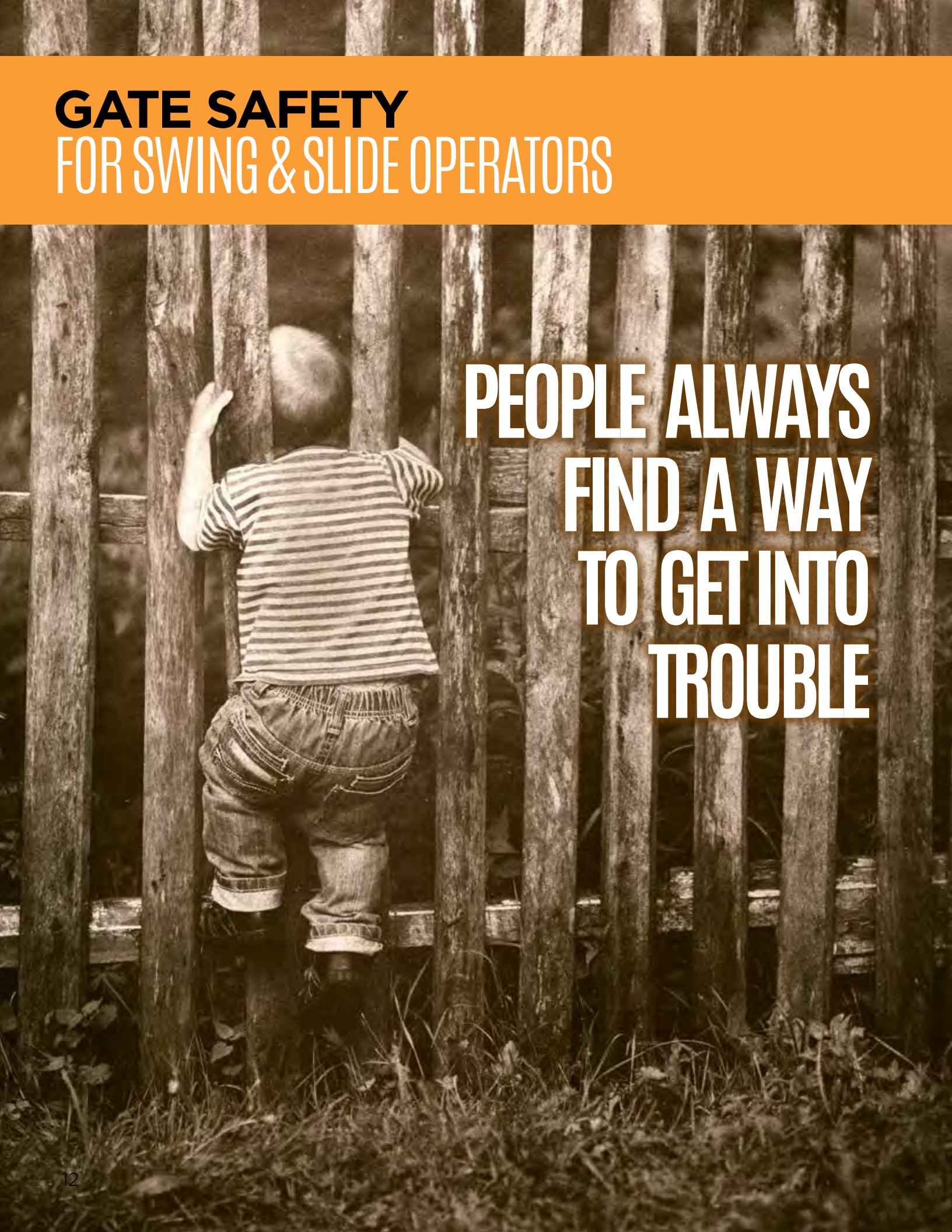


Keyed Release

For manual operation



GATE SAFETY FOR SWING & SLIDE OPERATORS

A young child, seen from behind, is climbing a rustic wooden fence. The child is wearing a striped t-shirt and denim pants. The fence is made of vertical wooden posts and horizontal rails. The background is a blurred natural setting with trees and grass. The overall tone is sepia or brownish, giving it a vintage feel.

**PEOPLE ALWAYS
FIND A WAY
TO GET INTO
TROUBLE**

AT DKS, WE TAKE SAFETY A STEP FURTHER AND PLAN FOR THE UNEXPECTED.

In addition to meeting the new UL 325 monitored entrapment protection requirements with electronic circuits, many DKS Gate Operators are designed with a mechanical clutch system that relieves pressure on the gate. It's really quite simple - less pressure equals less damage, should an unfortunate situation arise. Don't let Murphy's Law ruin your day - plan for the unexpected.



Model 9150



Model 9100



Model 6300
Pad Mount



Model 6050/6100
Post Mount

6050 | 6100 | 6300

CONTINUOUS USE SWING GATE OPERATORS

AESTHETICALLY PLEASING ORIGINAL QUIET DESIGN



Model 6300
Pad Mount

The unique configuration of these Operators allows the gate arm to rotate from underneath the Operator, enabling the arm to attach to the bottom rail of the gate, where it is virtually unseen from outside the gate. The fully enclosed Operators prevent water from contaminating the output shaft, bearings, and electronics.

Additionally, the frame is built from G90 galvanized steel to prevent rusting. These Operators can be installed directly on a concrete pad, or post-mounted to meet any installation requirements.

With safety in mind, these Operators contain an electronic and mechanical inherent reverse system for two methods of obstruction detection.

The automatic electronic limits, along with the microprocessor-based electronic control board provide advanced features not typically found in Operators in this class.



Model 6050/6100
Pad Mount



Model 6300
Post Mount



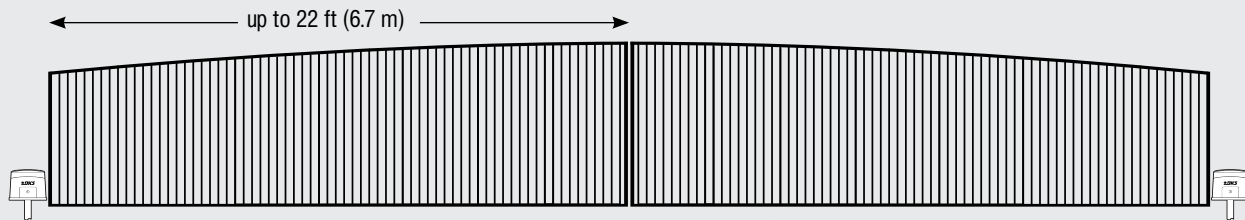
Suitable for single or dual gate configurations.

KEY FEATURES:

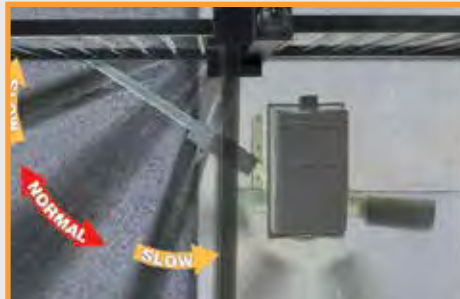
- Quiet operation
- Weatherproof design
- Electronic and mechanical Inherent Reverse design
- Automatic Electronic Limits (gate travel) never need adjustment
- Microprocessor Electronic Control Board
- Built-in Power and Alarm Reset Switches
- 2-piece Articulating Arm for Slow Start/Stop
- Gate overlap feature for dual (bi-parting) non-colliding 2-gate function
- Gate Tracker Reporting output
- Magnetic Gate Lock output
- Tamper-protect feature
- Ports for plug-in Open and Reverse Loop Detectors (DKS Loop Detectors only)
- Keyed Release for manual operation
- Clutch can be back-driven for fail-safe operation
- External Obstruction Sensing Devices must be used with these Operators
- Battery powered Convenience Open option available on Model 6300 only. Provides a method to open the gate if AC power is lost

Medium Gates

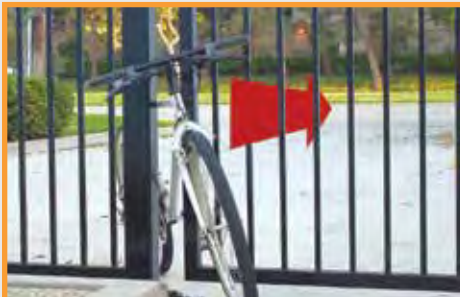
Swing Gates up to 22 ft (6.7 m), 800 lb (362 kg)
1/2 and 1 HP - 115/208/230/460 VAC



Entrapment Prevention
System reverses gate on contact



Unique Design
Simplifies installation & provides easy access to all internal parts



Smooth Operation
Soft Start/Soft Stop provides smooth gate operation




Apartments & College Residence Halls


Apartment Complex & Gated Communities

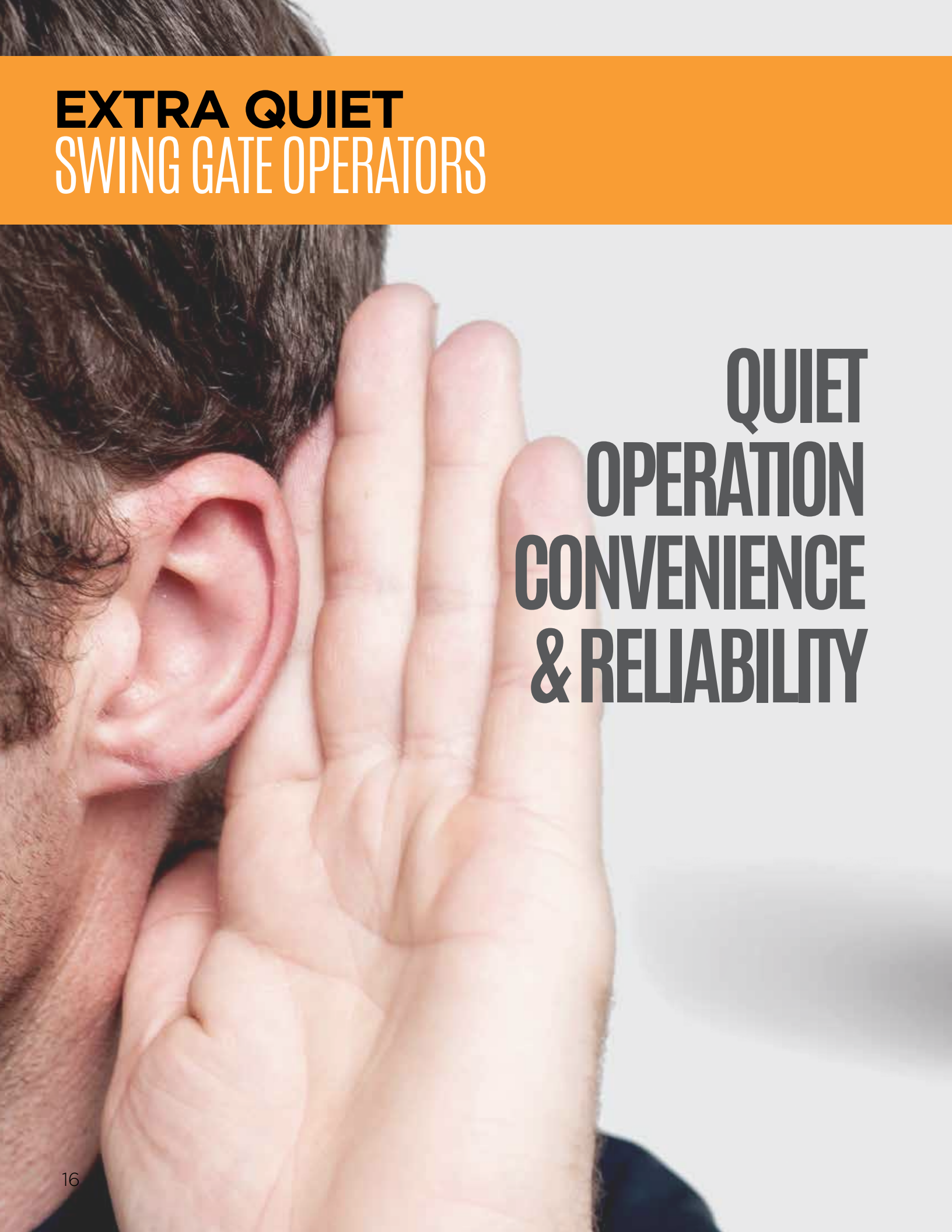

Commercial & Industrial


Self Storage


Parking


Mixed Use Buildings


Residential



EXTRA QUIET
SWING GATE OPERATORS

**QUIET
OPERATION
CONVENIENCE
& RELIABILITY**

UNIQUE DESIGN FOR SAFETY, FORM AND FUNCTION.

DKS 6500 Series Swing Gate Operators offer convenience, reliability and quiet operation in an aesthetically pleasing design. They are built around a solid steel frame with galvanized steel control panels to inhibit corrosion. The 2-piece cover simplifies installation and maintenance, and also features a keyed, easy-to-use disconnect. Unique to the 6500s, a built-in breakaway clutch protects the gearbox if the gate is struck with sufficient force, saving you hundreds of dollars in potential repair cost.

Designed with safety in mind, these Operators feature an inherent reverse system, providing you with peace of mind. The magnetic electronic limits precisely control the travel of your gate and will never wear out or break. The microprocessor-based electronic control board provides many advanced features not typically found in Operators in this class.



Model 6550

Model 6500

6500 | 6550

CONTINUOUS USE SWING GATE OPERATORS/HD

EASY ACCESS DESIGN LOW MAINTENANCE & QUIET OPERATION

The 6500 Series Operators are designed to operate Vehicular Swing Gates in residential, commercial and industrial applications for both single and bi-parting gates. The Operator swings gates 90 degrees in approximately 12-14 seconds.

The unique design of this Operator allows for easy access to the electronics and mechanical areas of the Operator without ever having to remove the gate arm. The electronic magnetic limits will never wear out or break and they are easily adjusted. The solid steel frame and belt-driven gear box make this operator one of the quietest on the market today.



Model 6500



Model 6550
Heavy Duty



Heavy
Duty

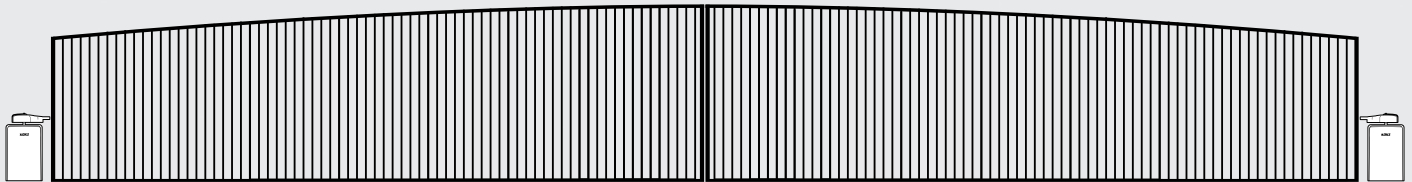


Quiet
Operation



Dual gate configuration includes non-colliding overlap feature.

← up to 25 ft (7.6 m) →



KEY FEATURES:

- Quiet operation
- Electronic Inherent Reverse System
- Magnetic Limits and Lock output
- Microprocessor Control Board
- Built-in Power and Reset Switches
- 2-piece Articulating Arm for Slow Start/Slow Stop
- Gate Tracker Reporting output
- Ports for plug-in Open and Reverse Loop Detectors (DKS Loop Detectors only)
- Keyed Release for manual operation
- External Obstruction Sensing Devices must be used with these Operators

6550 Heavy Duty - Large Gates

Swing Gates up to 25 ft (7.6 m), 2000 lb (907 kg)
1 HP - 115/208/230/460/575 VAC

6500 - Medium Gates

1/2 HP Swing Gates up to 18 ft (5.5 m), 700 lb (317 kg)
1 HP Swing Gates up to 22 ft (6.7 m), 800 lb (362 kg)
115/208/230/460 VAC

One Of The Quietest

The solid steel frame and belt-driven gear box make this Operator one of the quietest on the market today



Easy-to-Adjust Electronic Magnetic Limits

Eliminate old-style mechanical switches that can wear out, break, or fail



Split Case

Two-piece split polyurethane housing allows easy installation and maintenance



Breakaway Hub

Unique breakaway hub design prevents gear box damage if the gate is struck



Apartments & College Residence Halls



Apartment Complex & Gated Communities



Commercial & Industrial



Self Storage



Parking



Mixed Use Buildings



Residential

6524 DC MOTOR CONTINUOUS USE SWING GATE OPERATOR

DC SWING GATE OPERATOR BATTERY BACK-UP & SOLAR POWER

The newest DKS DC Swing Gate Operator is perfect where backup power is critical, as it will keep running even when AC power has been lost. The solar power version is ideal in applications where AC power is unavailable, allowing you to add your own solar system for power, or you can choose the DKS solar kit.

This Swing Gate Operator offers versatile and safe operation in a small, compact design, and is ideally suited for residential or commercial applications.



20 Watt
Solar Panels

Model 6524



Solar Power
Option



Quiet
Operation

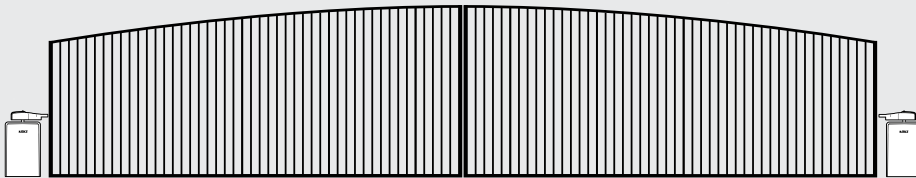


Solar kit available for the 6524 Swing Gate Operator. Includes two 18 Ah batteries and 10 watt, 24 VDC solar panel.

KEY FEATURES:

- The 6524 rotates the gate 90° in approximately 12-14 seconds
- 1/2 HP Quadra Drive DC motor
- Operator mechanics are mounted on a steel frame plated for corrosion resistance
- Two-piece Articulating Arm mechanical Slow Start/Slow Stop function.
- Gate overlap feature for dual (bi-parting) non-colliding 2-gate function
- DC power shut-off switch
- Ports for plug-in Open and Reverse Loop Detectors - DKS Detectors only
- External Obstruction Sensing Devices must be used with these Operators
- Continuous operation with AC source power

up to 16 ft (4.87 m)



Medium Gates

Swing Gates up to 16 ft (4.87 m), 800 lb (362.8 kg)
1/2 HP - 115/230 VAC and 24 VDC

Steel Frame
For strength and durability



Easy Release
For manual operation



DC Motor and Battery Backup
For continued gate operation if AC power is lost



Breakaway Hub
Prevents gearbox damage



DKS SLIDE GATE OPERATORS



**FROM ONE USER
TO THOUSANDS OF USERS**



SECURITY AND SAFETY FOR ONE AND ALL.

When it comes to moving medium to large gates for a single resident or a mega complex our 9000 series of Slide Gate Operators are a perfect fit. These powerhouses are designed, built and tested in the U.S. to operate for thousands of maintenance-free cycles. Long considered to be the safest Vehicular Gate Operators on the market, DKS products exceed the UL 325 safety standard and offer both electronic and mechanical systems to detect obstructions in the opening or closing path of the gate. In addition, our patented "Fail-Safe" release design is preferred by fire authorities throughout the country.



Model 9050/9100

Model 9150

Model 9000

9000

CONTINUOUS USE SLIDE GATE OPERATORS

POWERFUL & QUIET OPERATION

The DKS Model 9000 Slide Gate Operator offers powerful and safe access control in a small, compact design. The steel frame and belt drive/gear-box reduction system provide a powerful, yet extremely quiet, slide gate operation. The 9000 uses an advanced microprocessor control circuit with outstanding features. Designed with versatility in mind, these Operators will fit most slide gate operation requirements. These Operators are ideally used in residential, commercial or industrial high-use applications.



Model 9000



Quiet
Operation

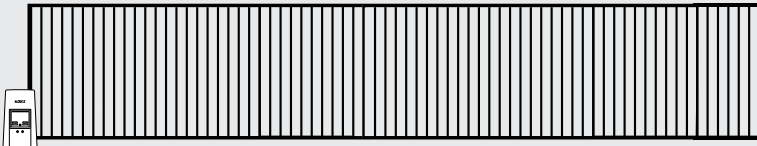


The powerful 9000 Slide Gate Operator is suitable for residential, commercial, and industrial high-use applications.

KEY FEATURES:

- Direct-driven Limit Nuts for precise gate limit control
- Auto-close Timer 1-30 seconds
- Selectable Loop/Reverse Input function; stop or reverse
- Ports for plug-in Open and Reverse Loop Detectors (DKS Loop Detectors only)
- Gate Tracker Reporting output provides operator data to DKS Access Control System
- Steel frame provides strength and quiet operation
- Anti-tailgating feature
- Gate Overlap feature for dual (bi-parting) non-colliding 2-gate function
- Two 115 VAC Convenience Outlets
- 5-year Limited Warranty
- External Obstruction Sensing Devices must be used with these Operators

up to 35 ft (10.7 m)



Large Gates

Slide Gates up to 35 ft (10.7 m), 1500 lb (680.3 kg) 1/2 and 1 HP - 115/208/230/460 VAC



Entrapment Prevention
Reverses gate when obstructed



Easy Access
Built-in power switch and alarm reset switch

Adjustable Partial Open

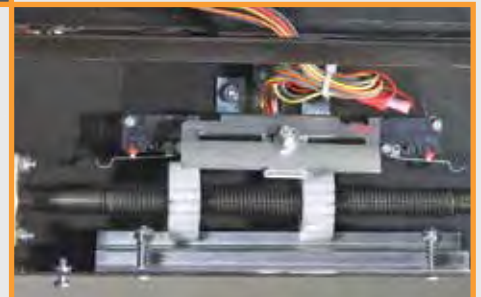
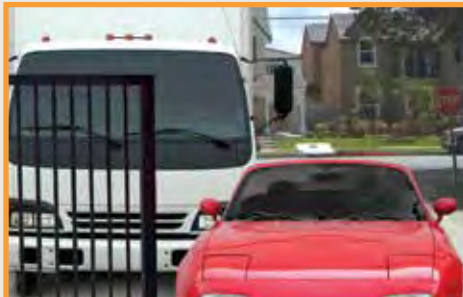
For different opening distances



“T-Handle” Release
For easy manual operation



Precise Limit Control
Simple setup



9024 DC MOTOR CONTINUOUS USE SLIDE GATE OPERATORS

DC SLIDE GATE OPERATOR BATTERY BACK-UP & SOLAR POWER

The 9024 can run exclusively on AC power with battery back up, or solely on solar power.

The newest DKS DC Slide Gate Operator is a great option where backup power is critical, as it's designed to keep running when AC power has been lost. The solar power version is ideal in applications where AC power is unavailable, with the option to add your own solar system for power, or you can use the DKS solar kit.

The DKS 9024 DC Slide Gate Operator offers powerful, yet safe, multifunctional operation all in a small, compact design - ideally suited for residential or commercial applications.

20 Watt
Solar Panels

Model 9024



Solar Power
Option



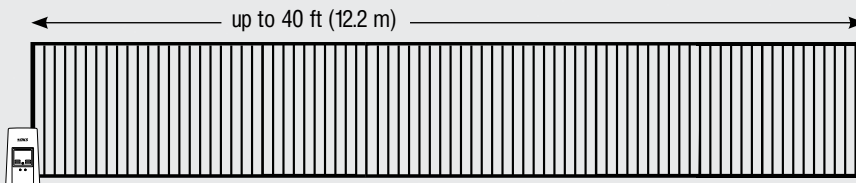
Quiet
Operation



9024 DC Slide Gate Operator can be run exclusively by solar power for remote locations where AC power is not available.

KEY FEATURES:

- Operator is 24 volt DC and includes built-in battery backup
- Adjustable Limit Nuts for precise gate limit control
- Easy-to-use manual T-handle release
- Heavy-duty Gearbox
- 0.0 amp SBPD Circuit (solar power only)
- Solar power ready
- Heavy-duty steel frame
- 5-year Limited Warranty
- External Obstruction Sensing Devices must be used with these Operators
- Continuous operation with AC source power



Large Gates

Slide Gates up to 40 ft (12.2 m),
1000 lb (453.6 kg)
1/2 HP - 115/230 VAC and 24 VDC

Battery Backup

Built-in (7.2 AH battery x2)



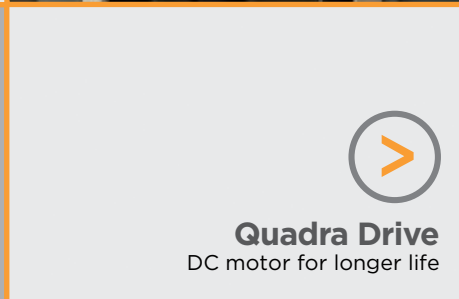
“T-Handle” Release

For easy manual open or close



Full Size Gearbox

Heavy-duty 30:1 ratio gearbox



Quadra Drive

DC motor for longer life



Commercial
& Industrial



Residential

9050 | 9100 CONTINUOUS USE SLIDE GATE

BUILT-IN RESIDENTIAL SAFETY FEATURES



Model 9050/9100

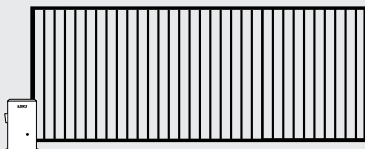
DKS 9050 and 9100 Slide Gate Operators provide durability through high-cycle usage, all in a solid design. The innovative fail-safe design of these Operators significantly reduces the chance of injury or entrapment and makes these Operators the safest residential Slide Gate Operator in the market today. Designed with versatility in mind, the 9050 and 9100 Operators can be configured for front, center or rear drive applications and can be pad or post mounted. These Operators are ideally used in residential and commercial applications.



KEY FEATURES:

- Automatic Magnetic Limits
- Built-in mechanical and electronic Reverse System
- Built-in Power and Alarm Reset Switches
- Selectable Loop Function (stop and reverse)
- Ports for plug-in Open and Reverse Loop Detectors (DKS Loop Detectors only)
- Convenience Outlets
- External Obstruction Sensing Devices must be used with these Operators

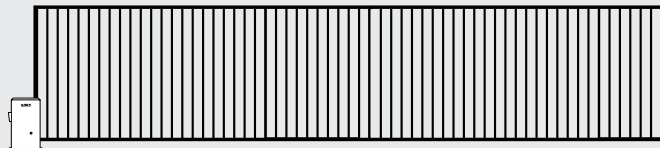
← up to 16 ft (4.87 m) →



9050 - Medium Gates

Swing Gates up to 16 ft (4.87 m), 500 lb (227 kg)
1/2 HP - 115 VAC

← up to 30 ft (9.1 m) →



9100 - Large Gates

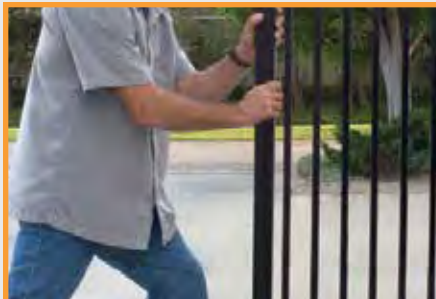
Slide Gates up to 30 ft (9.1 m), 1000 lb (453.6 kg)
1/2 HP - 115 VAC

Fail-Safe Release
Never be locked out (or in)



Entrapment Prevention

Reverses gate when obstructed



Unique Design

Allows easy access to all mechanical parts



Convenient
Built-in power switch and reset switch



9150

CONTINUOUS USE SLIDE GATE OPERATORS

THE SAFEST WORRY-FREE SELF ADJUSTING GATE OPERATORS



Model 9150

This Slide Gate Operator delivers the convenience of self-setting limits with the safe operation you expect from a DKS Operator.

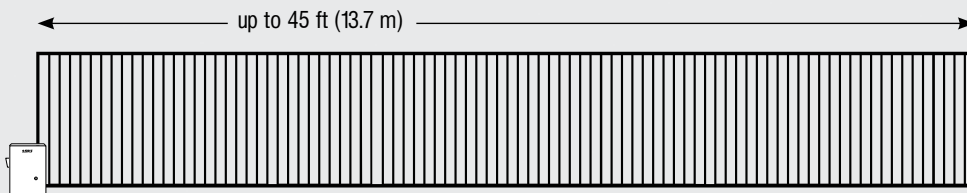
This Operator can be used in residential, commercial or industrial high-use applications, with an innovative fail-safe design which significantly reduces the chance of injury or entrapment and makes this the safest Slide Gate Operator in the market today. Designed to work in many configurations, this Operator can be used for front, center or rear drive applications and can be pad or post mounted.



Dual 9150 Operators at the Los Angeles Harbor Fire Department.

KEY FEATURES:

- Electronic Magnetic Limits eliminate old-style mechanical switches that can wear out, break or fail
- Automatic Self-setting Limits mean no limit switch adjustments - ever
- Built-in mechanical and electronic Reverse System
- Special Anti-tailgating feature
- Ports for plug-in Open and Reverse Loop Detectors (DKS Loop Detectors only)
- Built-in Power and Alarm Reset Switches
- Convenience Outlets
- External Obstruction Sensing Devices must be used with these Operators
- Battery-powered Convenience Open option available, which provides a method to open the gate if AC power is lost



Large Gates

Slide Gates up to 45 ft (13.7 m),
1500 lb (680.8 kg)
1/2 and 1 HP - 115/208/230/460 VAC



Entrapment Prevention

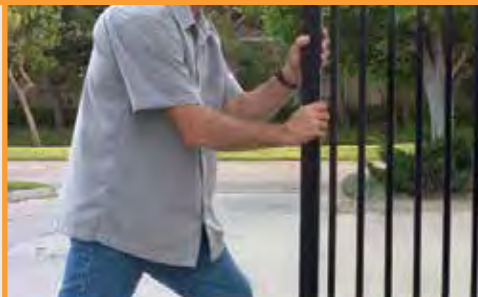
Automatically assumes fail-safe mode when an entrapment condition exists



Partial Open

Allows long gates to open 14 ft (4.2 m) for automobile traffic, or opens gate fully for large trucks or oversized vans

Unique Design
Allows easy access to all mechanical parts for easy repair and maintenance



Fail-safe Release

Never be locked out (or in) of your property



Convenient

Built-in power switch and reset switch



MAXIMUM SECURITY HEAVY DUTY SLIDE GATE OPERATORS



**PROTECTION
WHERE IT
REALLY COUNTS**



A HIGHER DEGREE OF PERIMETER SECURITY.

The DKS 9200 and 9500 Series of Vehicular Slide Gate Operators are ideal for airports, seaports, military bases, government buildings, border fences, and infrastructure (electric plants, water treatment facilities, dams, etc.). Advanced features on these models include anti-tailgating, adjustable mid-stop, and tamper-proof internally driven limit switches.

A solid-state speed controller features slow-start and slow-stop operation and allows the user to set the speed of the gate from 1/2 to 2 ft/sec (.15 to .61 m/sec), except model 9210, and on certain models up to 4 ft/sec (1.22 m/sec). An emergency close feature at 6 ft/sec (1.83 m/sec) is also available on certain models. These Operators can handle gates up to 160 feet (48.7 meters) in length and weighing up to 25,000 pounds (11,340 kilograms).



Model 9200
Series



Ideal for large airport gates up to 160 feet.



Strong motors and structure design can move gates weighing up to 25,000 pounds.



Model 9500
Series

9200 SERIES HEAVY DUTY MAXIMUM SECURITY

MORE APPLICATIONS MAXIMUM SECURITY MAXIMUM CHOICES WITH SPEED CONTROLS



Model 9200
Series



Model 9200 Series
Pedestal Mount

DKS 9200 Series Operators are designed for maximum security applications only - such as industrial locations, loading docks, factories, prisons, airport security areas, sea ports, etc. Because of the need to prioritize security in these applications, these Operators are designed for fail-secure operation and require manual operation to open the gate in the event of a power outage. To enhance security, these Operators feature an anti-tailgating circuit and an adjustable partial open feature to help prevent unauthorized vehicle access. In addition, speed controller options allow the user to adjust the gate speed from 1/2 ft/sec up to 4 ft/sec. An Emergency Close feature is available on some models which will close the gate at 4 ft/sec. This assures your security gate is open the absolute minimum amount of time necessary.



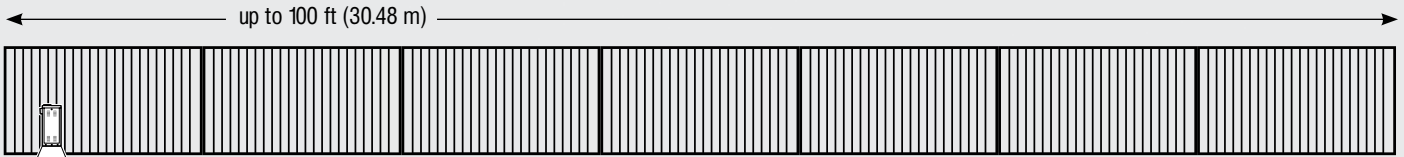
Heavy Duty



Some 9200 Models include a heavy duty pedestal.

KEY FEATURES:

- Advanced Microprocessor Control Board features programming switches to set the mode of operation required and includes built-in diagnostics
- Special Anti-tailgating and partial open
- Selectable Loop Function (stop or reverse)
- Ports for plug-in Open and Reverse Loop Detectors (DKS Loop Detectors only)
- Warn-before-operate feature
- Built-in Power and Alarm Reset Switches
- Tamper-proof Direct Drive Limit Switches for precise gate control
- Fail-secure operation to prioritize security
- Gate Tracker Reporting output
- Convenience Outlets
- External Obstruction Sensing Devices must be used with these Operators



Larger Gates

Slide Gates up to 100 ft (30.48 m), 8000 lb (3.6 metric ton)
 Minimum gate length of 10 ft (3.04 m)
 1, 2, 3 HP - 1 and 3 phase - 115/208/230/460 VAC

Adjustable Partial Open
 for different opening distances



Chain Drive
 for a direct mechanical connection to the gate



Gate Tracker™
 Provides Operator data to companion access controller (DKS 1833, 1835, 1837, 1838)



Adjustable Speed Motor Drive
 for precise control



9500 SERIES HEAVY DUTY MAXIMUM SECURITY

THE WORK HORSE OF MAXIMUM SECURITY WITH RACE HORSE FEATURES



Model 9500
10 Gauge
Housing

Model 9500
Series

DKS 9500 series of Vehicular Slide Gate Operators are designed for use on very large and very heavy gates in maximum security applications only. These Operators must never be used in applications serving the general public. These heavy duty Operators use a high tensile steel alloy roller chain as the pulling medium, which is immune to slippage and the challenges of uneven terrain - and also simplifies installation. User can set the speed of the gate up to 4 ft/sec. (1.2 m/sec.), with an electronic braking option.

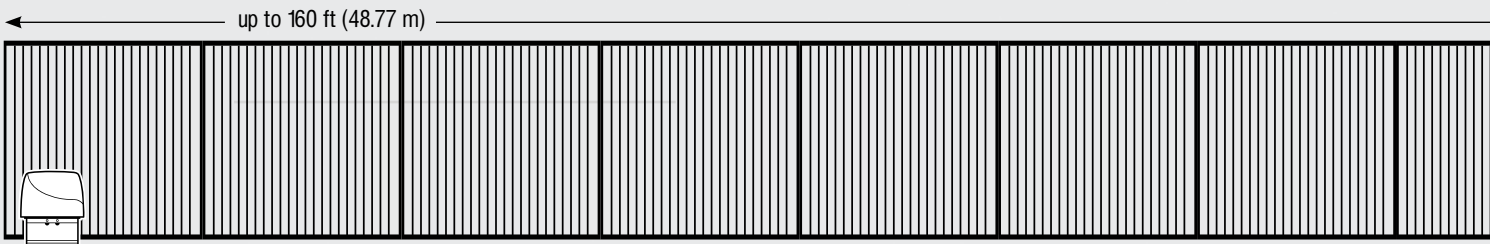




Power to move massive gates up and down hills.

KEY FEATURES:

- Slow Start and Stop
- Adjustable Partial Open limit
- Selectable Stop/Reverse Loop function
- Tamper-proof Direct Driven Limit Switches for precise gate control
- Built in Power and Reset Switches and 3-button Control Station (open-close-stop)
- 115 volt Convenience Outlets
- Ports for plug-in Open and Reverse Loop Detectors (DKS Loop Detectors only)
- Warn-before-operate function
- External Obstruction Sensing Devices must be used with these Operators
- Available with 10 gauge heavy-duty steel housing



Larger Gates

Slide gates up to 160 ft (48.77 m), 25,000 lb (11.3 metric ton)
 Minimum gate length of 25 ft (7.62 m)
 3 and 5 HP - 3 phase - 208/230/460 VAC

Large Gates

Gates up to 160 ft (48.7 m) and 25,000 lb (11,340 kg)



Gate Tracker™

Provides Operator data to companion access controller (DKS 1833, 1835, 1837, 1838)



User Adjustable Variable Speed

Adjustable speed control circuit



Limit Switches

Direct driven for precise gate control



GATE ACCESSORIES

SWING GATE HINGES & UPHILL ASSISTS

Swing Gate Hinge Assemblies

- Heavy-duty flange bearing Hinge Assemblies for gates up to 3000 lb (1,360 kg)
- Sealed bearing Hinge Assemblies for gates weighing 2000 and 3000 lb (907 kg and 1,360 kg)
- All Hinge Assemblies include mounting hardware and brackets



Swing Gate Torsion Rod Assembly

- Counter-balances uphill swing gates
- Includes top bracket, bottom bracket and torsion rod
- Add up to 5 additional torsion rods for heavier gates
- Helps to prevent gate runaway



Ball Joint Pivot Assembly

- Used to connect Operator arm when the Operator has been installed horizontally level and the gate opens on an uphill or downhill slope



Counter balance for uphill swing gates.

SLIDE GATE END RETAINER & CHAIN IDLER ASSEMBLY

The DKS Chain Idler Assembly (or endless idler) is used with Slide Gate Operators that are installed in rear mount applications. End retainers are used to provide a catch for the gate to slip into in the closed position.

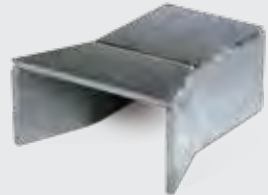
Slide Gate Idler Assembly

- Use when rear mounting Slide Gate Operators
- Chain guide is enclosed
- Easily mounts to a wall or pilaster
- Use with #40 or #41 chain



Slide Gate End Cap

- Heavy-duty galvanized steel
- Beveled opening
- Designed for slide gates with 2" (50.8 mm) frames
- Capped to prevent gates from being lifted off the track



Gate end cap.

SLIDE GATE GUARDED GUIDE ROLLERS

Designed to meet the requirements of the UL 325 and ASTM F2200 standards. The rollers are fabricated from UHMW material for long-lasting quiet operation.

- Single 3" (76.2 mm) UHMW Guide Roller and mounting bracket
- Dual 3" (76.2 mm) UHMW Guide Rollers and mounting bracket
- Two single 3" (76.2 mm) UHMW Guide Rollers stacked to provide a 6" (152.4 mm) surface area and mounting bracket
- Double dual 3" UHMW Guide Rollers stacked to provide a 6" (152.4 mm) surface area and mounting bracket



Guarded Guide Rollers.

SLIDE GATE WEIGHT BALANCED V-WHEELS

DKS provides a full line of V-Wheel Assemblies and replacement V-Wheels to meet any slide gate application and budgetary requirements.



Tandem Assembly for heavy gates.

V-Wheel Assemblies for Standard Gates

- 4" (101.6 mm) UHMW wheel with sleeve bearing - for gates up to 500 lb (226 kg)
- 4" (101.6 mm) UHMW wheel with roller bearings - for gates up to 750 lb (340 kg)
- 4" (101.6 mm) Steel wheel with roller bearings - for gates up to 1500 lb (680 kg)

Tandem V-Wheel Assemblies for Heavy Gates

- Two 4" (101.6 mm) UHMW wheels with roller bearings - for gates up to 1500 lb (680 kg)
- Two 4" (101.6 mm) steel wheels with roller bearings - for gates up to 3000 lb (1,360 kg)
- Two 6" (152.4 mm) steel wheels with roller bearings - for gates up to 5000 lb (2,267 kg)

Replacement V-Wheels

- 4" (101.6 mm) UHMW wheel with sleeve bearing
- 4" (101.6 mm) UHMW wheel with roller bearings
- 4" (101.6 mm) Steel wheel with roller bearings
- 6" (152.4 mm) Steel wheel with roller bearings

GATE ACCESSORIES



1200-007
3-Button Interior



1200-006
3-Button Exterior



1200-017
Manual Control
Interior

CONTROL STATIONS

Gate Operator Control Stations provide complete manual control for DKS vehicular Gate Operators. The unique logic inputs found on DKS Gate Operators require only 3 wires for connection to a 3-button control station.

Three Button Interior

Model 1200-007

- Open - Close - Stop gate control
- Mounts into single-gang electric box
- All switch contacts are dry contact normally open
- Available for most DKS Gate Operators (cannot be used with Model 9000)

Three Button Exterior

Model 1200-006

- Open - Close - Stop gate control
- Surface or post mount
- Available for most DKS Gate Operators (cannot be used with Model 9000)

Gate Control Toggle

Model 1200-017

- Three-position control toggle for automated gates
- Center position is neutral for normal operation
- Down position is momentary contact to open gate
- Up position is toggled to hold gate open
- Mounts into single-gang electric box



Gate Control Toggle

Model 1200-017

- Three-position control toggle for automated gates
- Center position is neutral for normal operation
- Down position is momentary contact to open gate
- Up position is toggled to hold gate open
- Mounts into single-gang electric box



1402 Postal
Lock Box



1400 Fire Dept.
Lock Box



1401 Fire Dept.
Lock Box



Transformer Box

LOCK BOXES & ACCESSORIES

Postal and Fire Department Lock Boxes provide a convenient method to allow postal workers and fire department personnel access to a property through an automated gate system. The 1200 Transformer Box is a great way to provide a power source for accessory transformers used with Access Control Systems.

Postal and Fire Department Lock Boxes

- 1402 accepts standard postal key
- 1401 Fire Dept. Box accepts the Knox 3501 key switch
- 1400 accepts a Fire Dept. padlock or any standard padlock



Lock Boxes allow quick access for fire dept. personnel.

Auxiliary Transformer Box

- Lockable Transformer Box
- Holds up to four 20 VA transformers
- Indoor or outdoor use
- ETL Listed

MONITORED ENTRAPMENT PROTECTION



RG Reflecti-GUARD
8080-051



IRB-RET
8080-056



Enforcer
8080-055



IRB-MON
8080-052

TYPE B1 NON-CONTACT SENSORS

Intended to be positioned in such a way that an obstruction in a hazardous area will interrupt the light beam. An interruption of the beam will signal the Operator to either stop, or stop and reverse motion. Complies with monitored external entrapment protection as per UL325-2016.

Reflective Photo Eyes

Reflective Photo Optic Systems consists of an emitter/receiver unit and a reflector. Since the Reflector directs the beam back to the Photo Eye, wiring to the other side of the roadway is not required. These are typically used with shorter gates.

RG Reflecti-GUARD

- Infrared beam range 7-30 ft (2.1-9.1 m)
- Mounting hardware included
- Available as Relay Output or Pulsed Output
- Power: 7-30 VAC (50/60 Hz) or 10-42 VDC, 75mA

IRB-RET

- Pulsed near infrared light beam range 60 Ft (18.3m)
- Available with or without Reflector
- Includes mounting bracket with hardware
- Operates over a wide range of 6-35 VDC and 12-24 VAC

ENFORCER

- Mounting bracket and Reflector housing included
- Adjustable range up to 45 ft (14m)
- 12-30V DC/AC 60H, 100mA

Thru-Beam Photo Eyes

Thru-Beam Photo Eye Systems consist of one Infrared Emitter and one Infrared Receiver housed and powered in separate units. These are typically used with longer gates.

IRB-MON

- Infrared LED beam range 115 ft (35m)
- Includes Emitter and Receiver
- Mounting bracket, other options available separately
- Operates over a wide range of 6-35 VDC and 12-24 VAC



Prime-GUARD
8080-050

TYPE B1 NON-CONTACT SENSORS

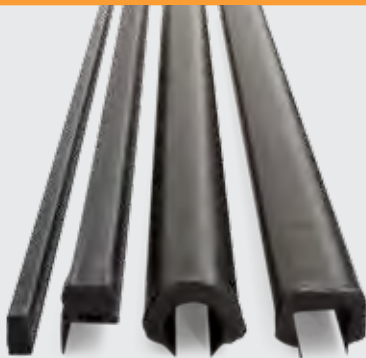
PG Prime-GUARD

Emitter:

- 50 ft (15.2 m) and 100 ft (30.5 m) battery models and 100 ft (30.5 m) wired model
- Mounting brackets and hardware included

Receiver:

- Available as Relay Output or Pulsed Output
- Front-mounted green LED alignment light
- Top-mounted LED lights for power, low battery, fault
- Power supply: 7-30 VAC (50/60Hz) or 10-42 VDC, 100mA
- Optional extension pedestal available



Contact Sensing Edges

TYPE B2 CONTACT SENSORS

Complies with monitored external entrapment protection as per UL325-2016.

Contact (Type B2) Sensing Edges

- A variety of edge styles for different gates
- Mounting channels included
- T2 (resistive) termination



Monitored Gate Link
8080-009

CONTACT SENSOR ACCESSORIES

Wireless Monitored Gate Sensing Edge (Type B2) Link

Provides a wireless connection between a Monitored Safety Edge and an Operator that controls the associated gate.

- Includes Transmitter, Receiver and Antenna
- Includes Transmitter 2 AA batteries
- Receiver power 12-24 VAC/DC nominal (8-30V max); power may be supplied from the Operator or from an external supply
- Meets UL325-2016 requirements for monitored devices



MIM-62
8080-079

MIM-62

Multi-Input Module

Accepts up to 6 separate entrapment protection devices and connects them to either of two outputs. Is compatible with either Type B1 or B2 devices.

- Powered from any 12 or 24 volt source, AC or DC, that can supply at least 100mA



Apartments & College
Residence Halls



Apartment Complex
& Gated Communities



Commercial
& Industrial



Self
Storage



Parking

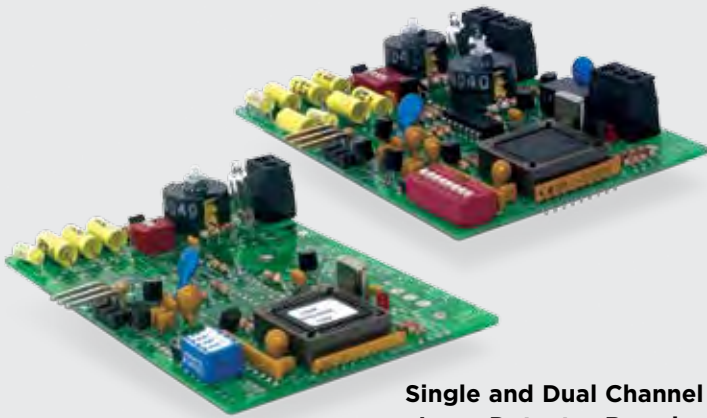


Mixed Use
Buildings



Maximum
Security

GATE ACCESSORIES



**Single and Dual Channel
Loop Detector Boards**



Loop Test Meter



Loop Wire

LOOP DETECTORS

Vehicular Loop Detector Systems

- Plug-in Detectors (DKS Gate Operators only) and hard-wired Detectors
- Single and dual channel
- Pre-fabricated loops, 24 ft (7.3 m) circumference and 50 ft (15.24 m) lead-in
- Pre-fabricated loops available, or form your own loops

Loop Test Meter

- Megohm meter measures loop insulation value up to 1000 megohms
- Meter range is 20 to 1000 megohms
- Operates on two C batteries
- Includes test leads and vinyl case



Loop Wire

- 18 AWG, XLPE insulation
- Available in 500 and 1000 ft (152.4 and 304.8 m) rolls, black, blue and red
- Prefabricated loops also available

WIRE LOOM CONNECTOR

(Bi-parting gate connection cable)

- Cable provides all the necessary connections for bi-parting (dual) gate systems to sequence the primary and secondary Operators together



Connection Cable



HEATER KIT & FAN KIT

Heater KIT

- Ideal for Operators installed in cold weather environments. A built-in thermostat automatically cycles the heater on and off as required

Fan Kit

- Used with the 1600 Series Barrier Operators, this fan kit should always be used when the Operators are installed in hot/humid environments



Model 1601-154
Heater with Fan



Model 1601-093
Fan Kit

GEAR GREASE

Gear Grease

- 14 oz tube of Molybdenum Disulfide (Moly D) multi-purpose grease keeps the worm gear in 6000 Series Operators lubricated

