

6050/6100/6300

# SWING GATE OPERATORS



**Model 6300**  
Post Mount

## THE TIME TESTED 6000 SERIES RELIABLE AND LONG LASTING GATES UP TO 22 FT

The DKS 6000 series swing gate operators offer convenience, reliability and quiet operation in an aesthetically pleasing design. The unique design of these operators allow the gate arm to rotate from underneath the operator allowing the gate arm to attach to the bottom rail of the gate, where it is virtually unseen from outside the gate. This design allows the operator to be fully enclosed and prevents 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 they can be post mounted to meet any installation requirements.

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

### Key Features:

- > Quiet operation
- > Weather proof design
- > Electronic and mechanical inherent reverse design
- > Automatic electronic limits (gate travel) never needs adjustment
- > Microprocessor electronic control board
- > Built in power and alarm reset switches
- > 2 piece articulating arm for slow start / stop
- > Overlap feature for bi-parting dual gate application
- > 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-driver for fail safe operation

### Model 6050/6100

- > 1/2 horsepower for gates up to 14' long weighing up to 500 lbs.

### Model 6300

- > 1/2 or 1 horsepower for gates up to 22' long weighing up to 800 lbs.

Model	Usage			Gate Maximums		Electrical	
	Res	Com	Ind	Length	Weight	HP	Convenience Open*
6050	✓			10 Ft.	400 Lb.	1/2	
6100	✓	✓		14 Ft.	500 Lb.	1/2	
6100	✓	✓		14 Ft.	400 Lb.	1/2	✓
6300	✓	✓	✓	18 Ft.	700 Lb.	1/2	
6300	✓	✓	✓	18 Ft.	600 Lb.	1/2	✓
6300	✓	✓	✓	22 Ft.	800 Lb.	1	
6300	✓	✓	✓	22 Ft.	700 Lb.	1	✓

\* Convenience Open option provides DC power to open the gate if primary (AC) power fails. Note that this IS NOT a battery backup or inverter system. This option provides a one-time open only.

Designed for the following applications:



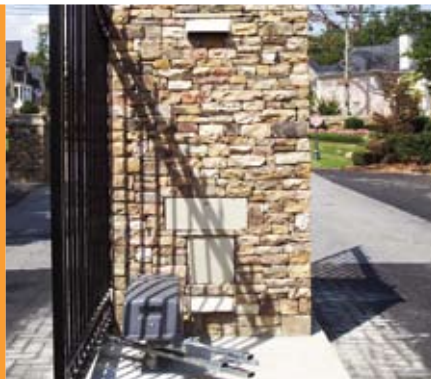
**Model** 6050/6100  
Pad Mount



**Model** 6050/6100  
Post Mount

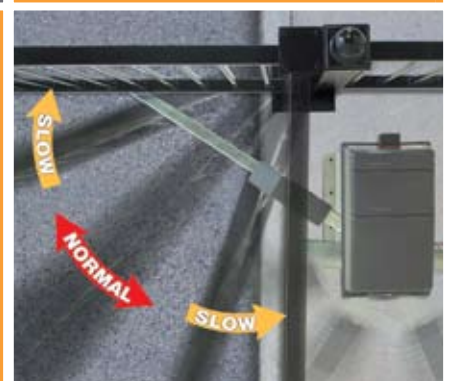


**Model** 6300  
Pad Mount



**Unique  
Design**

**Smooth  
Operation**



6500

# SWING GATE OPERATOR



Model 6500

## CONVENIENCE, RELIABILITY, AND QUIET OPERATION

The DKS 6500 swing gate operator offers convenience, reliability and quiet operation in an aesthetically pleasing design. The 6500 is 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 6500, 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 typically not found in operators in this class.

### Key Features:

- > Quiet operation
- > Weather proof design
- > Electronic inherent reverse system
- > Magnetic limits
- > Microprocessor control board
- > Built-in power and reset switches
- > 2 piece articulating arm for slow start / slow stop
- > Overlap feature for bi-parting gates
- > Magnetic lock output
- > Gate tracker reporting output
- > Ports for plug-in open and reverse loop detectors (DKS loop detectors only)
- > Keyed release for manual operation
- > 1/2 or 1 horsepower for gates up to 22' long and weighing up to 800 lbs.

Model	Usage			Gate Maximums		Electrical	
	Res	Com	Ind	Length	Weight	HP	Convenience Open*
6500	✓	✓	✓	18 Ft.	700 Lb.	1/2	
6500	✓	✓	✓	18 Ft.	600 Lb.	1/2	✓
6500	✓	✓	✓	22 Ft.	800 Lb.	1	
6500	✓	✓	✓	22 Ft.	700 Lb.	1	✓

\* Convenience Open option provides DC power to open the gate if primary (AC) power fails. Note that this IS NOT a battery backup or inverter system. This option provides a one-time open only.

Designed for the following applications:



Never pull arm off  
to access interior



**Fast  
Release**



**Easy  
Access**



6002/6003

# SWING GATE ACTUATORS



**Model 6002**  
Actuator  
(for larger gates)

## GATE MOUNTED LOW VOLTAGE COMPACT DESIGN

The DKS swing gate actuators offer convenience and reliability in a compact design. These actuators mount directly to your gate and pilaster, simplifying installation and eliminating 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. And there is no need to worry about hydraulic leaks, check valves or pumps.

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



**Model 6003**  
Actuator  
(for smaller gates)

## Key Features:

### Standard Features

- > Fully enclosed screw drive actuators
- > Adjustable magnetic limit switches
- > Slow start / slow stop
- > Overlap feature for bi-parting (dual) gate applications
- > Motors operate on low voltage (24 VDC)
- > Batteries included
- > 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

### Model 6003

- > For gates up to 10 feet
- > Dimensions: 35" x 3" x 3"
- > 90° in approximately 15 seconds

### Model 6002

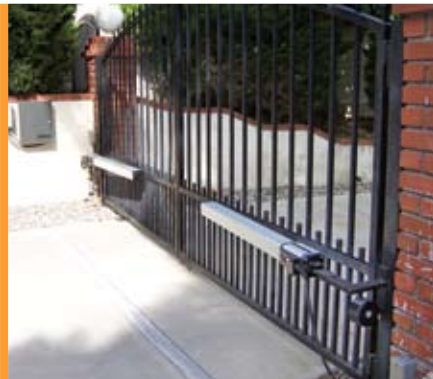
- > For gates up to 14 feet
- > Dimensions: 50" x 4" x 4"
- > 90° in approximately 18 seconds

Designed for the following applications:

Residential



Model	Usage	Gate Maximums		Type Mounting
	Res	Length	Weight	
6002	✓	14 Ft.	500 Lb.	Column
6003	✓	10 Ft.	300 Lb.	Column



**6002  
Vehicular  
Swing Gate  
Actuator**



**6003  
Vehicular  
Swing Gate  
Actuator**



# 6004 COLUMN MOUNT SWING GATE OPERATOR



Model 6004

## COLUMN MOUNTED LOW VOLTAGE WORRY-FREE

The 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.

The 6004 features built-in magnetic limit switches that precisely control the start / stop speed, and travel of your gate. The microprocessor based electronic control board provides many advanced features typically not found in operators in this class, and with a 24 volt DC operating voltage, the 6004 is ideal for residential applications.

### Key Features:

#### Standard Features

- > Adjustable magnetic limit switches
- > Slow start / slow stop
- > Overlap feature for bi-parting (dual) gate applications
- > Motors operate on low voltage (24 VDC)
- > Batteries included
- > 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

#### Model 6004

- > For gates up to 8 feet
- > Dimensions: 16" x 5.25" x 5.125"
- > 90° in approximately 18 seconds

Model	Usage	Gate Maximums		Type Mounting
		Length	Weight	
6004	✓	8 Ft.	300 Lb.	Column



Ideal for  
Residential  
Applications



Designed for the following applications:

Residential

# 6400 IN-GROUND SWING GATE OPERATOR

## THE UNSEEN GATE OPERATOR

The DKS 6400 installs in-ground making it virtually invisible and satisfies 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 that it can be operated from inside or outside the gate.



**Model** 6400

### Key Features:

- > Invisible and powerful gear drive
- > Lockable manual release from inside or outside
- > Design for residential gates up to 8 feet long
- > 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 gate system controlled from single board

Model	Usage	Gate Maximums		Type Mounting
		Length	Weight	
6400	✓	8 Ft.	300 Lb.	In-Ground



For  
Gates up to  
8 feet



Designed for the following applications:

Residential



9000

# SLIDE GATE OPERATOR



**Model** 9000

## BELT DRIVE COMPACT DESIGN IS QUIETER

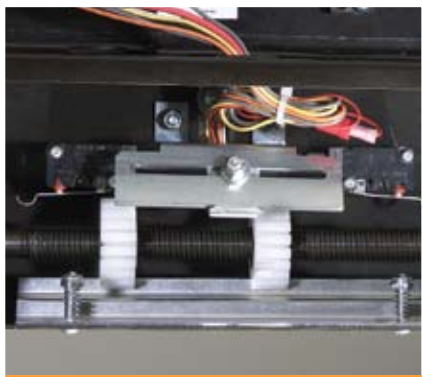
The DKS 9000 series of slide gate operators offer convenience, reliability and safe operation in a small, compact design. These operators are ideally used in residential, commercial or industrial high-use applications. The steel frame and belt drive/gear-box reduction system provide a powerful, yet extremely 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.

Model	Usage			Gate Maximums		Features		Power
	Res	Com	Ind	Length	Weight	Partial Open	Anti-Tailgating	HP
9000	✓	✓	✓	35 Ft.	1000 Lb.	✓	✓	1/2
9000	✓	✓	✓	35 Ft.	1500 Lb.	✓	✓	1

## Easy to Use “T-Handle” Release



## Precise Limit Control



### Key Features:

- > Direct driven limit nuts for precise gate limit control Adjustable partial open limit
- > Auto-close timer 1-30 seconds
- > Selectable loop/reverse input function; stop or reverse
- > Standard normally closed stop circuit
- > DKS detectors only
- > Gate Tracker reporting output provides operator data to DKS access control system
- > Steel frame provides strength and quiet operation
- > Easy to use manual T-handle release
- > Anti-tailgating feature
- > Simple bi-parting gate interface
- > Built-in power switch and alarm reset switch
- > Two 115 VAC convenience outlets
- > 5-year limited warranty
- > 1/2 or 1HP for 35' gates up to 1500 lbs

Designed for the following applications:

Residential | Industrial | Commercial

9050 / 9100

# SLIDE GATE OPERATORS

## RESIDENTIAL BUILT IN SAFETY FEATURES

The DKS 9050 and 9100 slide gate operators offer convenience, reliability and safe operation in a small, compact design. These operators are ideally used in residential and commercial applications. The innovative fail-safe design of this operator significantly reduces the chance of injury or entrapment and makes this operator 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.

Model	Usage		Gate Maximums		Features		Power
	Res	Com	Length	Weight	Partial Open	Anti-Tailgating	HP
9050	✓		16 Ft.	300 Lb.			1/2
9100	✓	✓	30 Ft.	1000 Lb.	✓	✓	1/2



Model 9050/9100

### Key Features:

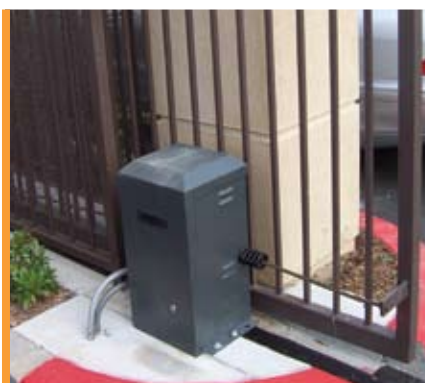
- > Light Duty - Residential Applications
- > Automatic magnetic limits
- > Built in mechanical and electronic reverse system
- > Built in power and alarm reset switches
- > Selectable loop function (stop and reverse)
- > Fail safe release
- > Ports for plug-in open and reverse loop detectors (DKS loop detectors only)
- > Convenience outlets

#### Model 9050

- > 1/2 horsepower for up to 16' gates weighing up to 300 lbs

#### Model 9100

- > 1/2 horsepower for up to 30' gates weighing up to 1000 lbs



Residential or  
Commercial

Self-adjusting,  
No Maintenance  
Limits



Designed for the following applications:

Commercial | Residential

9150

# SLIDE GATE OPERATOR



Model 9150

## WORRY FREE BE HAPPY ABOUT THE SAFEST SELF ADJUSTING GATE OPERATOR

The DKS 9150 model slide gate operator offers convenience, reliability and safe operation in a small, compact design. This operator can be used in residential, commercial or industrial high-use applications. The innovative fail-safe design significantly reduces the chance of injury or entrapment and makes this operator the safest slide gate operator in the market today. Designed with versatility in mind, this operator can be configured for front, center or rear drive applications and can be pad or post mounted.

### Key Features:

- > Automatic magnetic limits
- > Built in mechanical and electronic reverse system
- > Special anti tailgating feature
- > Partial open feature
- > Ports for plug-in open and reverse loop detectors (DKS loop detectors only)
- > Selectable loop function (stop and reverse)
- > Built in power and alarm reset switches
- > Gate Tracker reporting output
- > Convenience outlets
- > Available with DC Backup

### Model 9150

- > 1/2 horsepower for up to 30' gates weighing up to 1000 lbs
- > 1 horsepower for up to 45' gates weighing up to 1500 lbs

Designed for the following applications:

Model	Usage			Gate Maximums		Features		Electrical	
	Res	Com	Ind	Length	Weight	Partial Open	Anti-Tailgating	HP	Convenience Open*
9150	✓	✓	✓	30 Ft.	800 Lb.	✓	✓	1/2	✓
9150	✓	✓	✓	30 Ft.	1000 Lb.	✓	✓	1/2	
9150	✓	✓	✓	45 Ft.	1300 Lb.	✓	✓	1	✓
9150	✓	✓	✓	45 Ft.	1500 Lb.	✓	✓	1	

\* Convenience Open option provides DC power to open the gate if primary (AC) power fails. Note that this IS NOT a battery backup or inverter system. This option provides a one-time open only.



**Partial  
Open  
Feature**



**Selectable  
Loop Function  
(stop and reverse)**



9310

# SLIDE GATE OPERATOR



Model 9310

## HEAVY DUTY ALL PURPOSE NICE LOOKING DESIGN FOR MULTIPLE APPLICATIONS

The DKS 9310 series of slide gate operators offer convenience, reliability and safe operation in an aesthetically pleasing design that will blend in with any architectural style. These operators can be used in residential, commercial or industrial high-use applications. The innovative direct drive design of these operators significantly reduces mechanical linkages and maintenance items making these operators some of the most dependable on the market today! Designed with versatility in mind, the 9310 can be configured for front, center or rear drive applications and can be pad or post mounted.

### Key Features:

- > Direct driven limit nuts for precise gate control and eliminates secondary chains and sprockets
- > Built In electronic reverse
- > Special anti tailgating feature
- > Partial open feature - adjustable
- > Advanced microprocessor control board features programming switches to set the mode of operation required
- > Ports for plug-in open and reverse loop detectors (DKS loop detectors only)
- > Gate tracker reporting output
- > Built in operator diagnostic
- > Convenience outlets
- > 1/4 inch polyethylene cover
- > Available with a built in DC backup convenience open package
- > Selectable loop function stop of reverse
- > Built in power and alarm reset switches

#### Model 9310 - 1/2 horsepower

- > Up to 30' gates weighing up to 1000 lbs

#### Model 9310 - 1 horsepower

- > Up to 40' gates weighing up to 1500 lbs

Designed for the following applications:

Self Storage | Gated Communities | Residential | Parking | Condominium/Resident Hall | Mixed Use | Commercial



Model	Usage			Gate Maximums		Features		Electrical	
	Res	Com	Ind	Length	Weight	Partial Open	Anti-Tailgating	HP	Convenience Open*
9310	✓	✓	✓	30 Ft.	800 Lb.	✓	✓	1/2	✓
9310	✓	✓	✓	30 Ft.	1000 Lb.	✓	✓	1/2	
9310	✓	✓	✓	40 Ft.	1300 Lb.	✓	✓	1	✓
9310	✓	✓	✓	40 Ft.	1500 Lb.	✓	✓	1	

\* Convenience Open option provides DC power to open the gate if primary (AC) power fails. Note that this IS NOT a battery backup or inverter system. This option provides a one-time open only.



## Adjustable Limit Switches



## Gate Tracker Reporting Output



# 9200 SERIES MAXIMUM SECURITY SLIDE GATE OPERATORS



**Model** 9200 Series

## MORE APPLICATIONS MAXIMUM SECURITY MAXIMUM CHOICES WITH SPEED CONTROLS

The 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 2-ft/sec. An Emergency Close feature is available on some models that will close the gate at 6-ft/sec. This assures your security gate is open the absolute minimum amount of time necessary.

### Key Features:

- > Advanced microprocessor control board feature programming switches to set the mode of operation required and includes built-in diagnostics
- > Special anti-tailgating and partial open
- > Selectable loop function (stop of 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

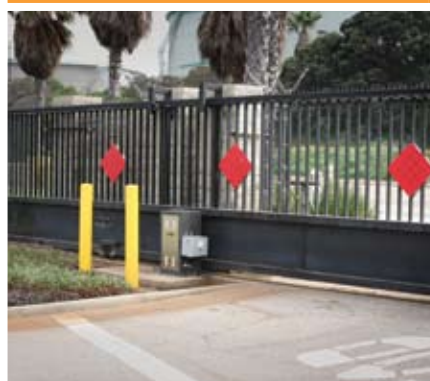
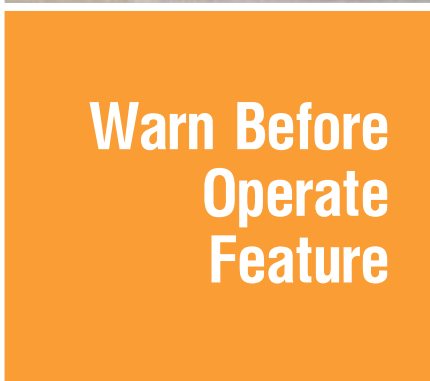
### 9200 Series Options

- > 1, 2 or 3 HP
- > Up to 100' gates weighing as much as 8000 lbs
- > Fixed speed or variable speed

Designed for the following applications:

Industrial | Maximum Security

Model	Usage		Gate Maximums		Features				Power
	Ind	Max Sec	Length	Weight	Maximum Speed	Emergency Close	Anti-Tailgating	Partial Open	HP
9210	✓		100 Ft.	3000 Lb.	1 Ft/Sec		✓	✓	1
9220	✓	✓	100 Ft.	2000 Lb.	2 Ft/Sec		✓	✓	2
9230	✓	✓	100 Ft.	5000 Lb.	2 Ft/Sec		✓	✓	3
9235	✓	✓	100 Ft.	3000 Lb.	4 Ft/Sec	6 Ft/ Sec	✓	✓	3
9240	✓	✓	100 Ft.	8000 Lb.	2 Ft/Sec		✓	✓	3



**Special  
Anti-  
Tailgating**

**Warn Before  
Operate  
Feature**

# 9500 SERIES MAXIMUM SECURITY SLIDE GATE OPERATORS



Model 9500 Series

## THE WORK HORSE OF MAXIMUM SECURITY WITH RACE HORSE FEATURES

The DKS 9500 Series of vehicular slide gate operators are designed for use on very large and very heavy gates in maximum security applications only. Rather than rely on a friction drive rail system that can be difficult to install, often slip in inclement weather or can be easily compromised, DKS maximum security gate operators use a high tensile steel alloy #80 or #100 roller chain to provide a direct mechanical connection to the gate. The 9500 Series operators feature a solid-state speed control module that starts and stops the gate slowly. The operating speed of the gate is user adjustable (up to 4-ft/sec) making this operator ideal for security sensitive areas where perimeter security must be maintained.

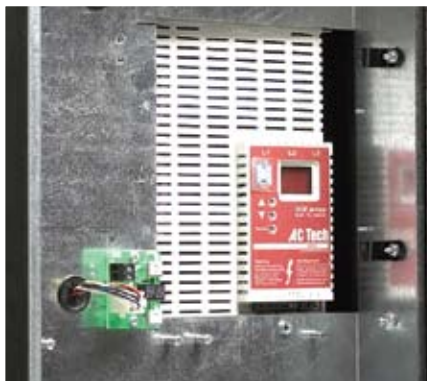
### Key Features:

- > Adjustable speed control circuit 1/2' to 4' feet per second
- > Slow start and stop
- > Adjustable partial open limit
- > Selectable stop/reverse loop function
- > Anti-tailgating
- > Solid state motor relay
- > 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)
- > Up to 160' gates weighing up to 20,000 lbs
- > Gate Tracker reporting output
- > Warn before operate function

Designed for the following applications:

Industrial | Maximum Security

Model	Usage		Gate Maximums		Features			Power
	Ind	Max Sec	Length	Weight	Maximum Speed	Anti-Tailgating	Partial Open	HP
9530	✓	✓	160 Ft.	10,000 Lb.	2 Ft/Sec	✓	✓	3
9550		✓	160 Ft.	20,000 Lb.	2 Ft/Sec	✓	✓	5
9555		✓	160 Ft.	10, 000 Lb.	4 Ft/Sec	✓	✓	5



**Adjustable  
Speed  
Control**



**Gates up  
to 160 Feet  
and 20,000  
Pounds**





1150

# OVERHEAD GATE OPERATOR

## INDUSTRIAL STRENGTH GARAGE DOOR & PARKING STRUCTURE LOW PROFILE

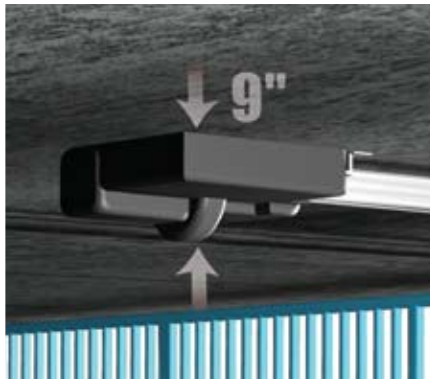
The DKS 1150 overhead gate operator is designed for high traffic underground parking applications serving gated communities, apartment complexes, commercial buildings and industrial sites. This operator is not designed for residential applications and should never be used to operate overhead sectional garage doors.

Model 1150

### Key Features:

- > Low profile (only 9 inches) design makes the 1150 ideal for low clearance underground parking areas
- > Operators available for gate heights of 8, 10, 12 and 14 feet, up to 20 feet wide
- > Advanced microprocessor control board
- > Ports for plug-in open and reverse loop detectors (DKS loop detectors only)
- > Selectable loop function (stop or reverse)
- > Direct driven limit nuts for precise gate control
- > Auto-close timer 1-23 sec. Timer override feature helps prevent tailgating
- > Gate tracker reporting output
- > Keyed manual release
- > Built-in power switch

Designed for the following applications:



**Profile  
Height of  
9 inches**



**Direct Drive  
Gear Box  
& Limits**

