







Basic Questions to Ask When Choosing a Gate Operator

- 1. What type of gate?** Automatic operators are not recommended for pedestrian traffic!
 - a. Slide** - is it Cantilever? Overhead? V-Groove track? Roller? Enclosed track gate?
 - b. Swing** - What type of gate material? Is Wind a factor?
 - c. Barrier** - What type of arm? Wood? Aluminum?
- 2. Is the gate new or existing?** If the installation is on an existing gate, open and close it manually to assure a smooth operation. Remember, Gate Operators do not correct gate problems! Existing gates that are to be automated must meet the ASTM F-2200 standard for gate construction. Roller Covers? Pinch points protected? Slide Gates screened to 2.25"?
- 3. What is the length of the gate?** Height? Weight? Does it move freely?
- 4. Will the operator be subjected to prolong below freezing temperatures?** Consider adding a heater or cold weather package.
- 5. Single gate or paired dual gate application?** Up to two Linear Gate operators can be networked together to work as a pair in a dual gate installation and an LRA controller can run two arms (second sold separately). Be sure to include network wire in quote. Sold per foot and in 50' or 100' spools.
- 6. How many cycles** will the gate open and close per day? High duty cycle requires a heavy duty gate operator. Consider variable speed operators for high cycle locations.
- 7. What voltage and phase are required for the gate to operate?** This is generally dependant on what voltage is available at the site. Linear recommends the highest voltage available at the site and 3 phase power if available.
 - a.** 120V 1ph
 - b.** 208V 1ph
 - c.** 230V 1ph
 - d.** 208V 3ph
 - e.** 230V 3ph
 - f.** 460V 3ph
- 8. How will the gate operator be physically installed?** Some operators are designed to be pad mounted others post mounted. Kits are available to post mount a pad mount operator and pad mount a post mount operator.
- 9. How will the gate operate in the event of a power failure?** All Linear operators have a manual release device standard, some models offer built in battery backup, some models can operate from an optional external battery backup unit. Some local codes require the use of battery backup.
- 10. How will the gate be opened for vehicle entry?** Access control accessories. Consider the requirements for residents and guests as well as emergency vehicles.
 - a.** Key switch
 - b.** Keypad
 - c.** Radio control
 - d.** Telephone Entry System
 - e.** Intercom
 - f.** SOS – Emergency Vehicle Sensor
 - g.** Don't forget a gooseneck stand to mount access control devices
- 11. How will the gate close after entry into the property?** Use of the built in auto close timer is the most common method. This requires the use of vehicle detectors (loop detectors) to prevent the gate from automatically closing on a vehicle.
- 12. How will the gate be opened for exiting vehicles?** Use of an automatic exit vehicle detector (free exit loop) is the most common method. Most vehicle detectors are plug-in style, others need to be wired in. Loop wire kits or pre-formed loops are part of these systems and can be sold with the operator.

Swing Gate Operator Selection







Linear[®]
Building On Innovation.

Model	Typical Use	Max Weight	Max Leaf	Gate Speed	Power	Mount Style	Application Options
	Industrial Commercial	1500 Lbs	32 Ft	20 Sec for 90 degree	Up to 460VAC 3 Phase	Post Mount	Industrial Complexes Factories Higher Security Apps
	Industrial Commercial	1000 Lbs	26 Ft	15 Sec for 90 degree	Up to 460VAC 3 Phase	Post Mount	Parking Garages Apartments Gated Communities Factories
	Industrial Commercial	1000 Lbs	19 Ft	15 Sec for 90 degree	115 or 230VAC 1 Phase	Pad Mount	Parking Garages Apartments Gated Communities
	Commercial	700 Lbs	18 Ft	15 Sec for 90 degree	115VAC or 24VDC	Pad Mount	Parking Garages Apartments Gated Communities
	Residential	500 Lbs	15 Ft	15 Sec for 90 degree	115 or 230VAC 1 Phase	Pad Mount	Estates Private Homes Small Complexes
	Residential	600 Lbs	12 Ft	16 Sec for 90 degree	115VAC or 24VDC	Gate Post Mount	Estates Private Homes Small Complexes

*Please Remember to Register all Projects

Slide Gate Operator Selection




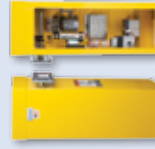


Linear[®]
Building On Innovation.

Model	Typical Use	Max Weight	Max Length	Gate Speed	Power	Mount Style	Application Options
 VS-GSLG	Industrial Commercial	4000 Lbs	78 Ft	24"/Sec	Up to 460VAC 3 Phase	Post Mount	Industrial Complexes Factories Higher Security Apps
 GSLG-A	Industrial Commercial	2200 Lbs	78 Ft	12"/Sec	Up to 460VAC 3 Phase	Post Mount	Industrial Complexes Factories Higher Security Apps
 HSLG	Industrial Commercial	1700 Lbs	55 Ft	10"/Sec	115 or 460VAC 3 Phase	Post Mount	Parking Garages Apartments Gated Communities Factories
 SLC	Commercial	2000 Lbs	45 Ft	11"/Sec	115 or 230VAC 1 Phase	Pad Mount	Parking Garages Apartments Gated Communities
 SLD	Commercial Residential	1000 Lbs	40 Ft	12"/Sec	115VAC or 24VDC	Pad Mount	Parking Garages Apartments Gated Communities
 SLR	Residential	500 Lbs	25 Ft	11"/Sec	115 or 230VAC 1 Phase	Pad Mount	Estates Private Homes Small Complexes

*Please Remember to Register all Projects

Barrier Gate Operator Selection

Linear[®]
Building On Innovation.

Model	Typical Use	Arm Length	Gate Speed	Power	Mount Style	Application Options
 BGU-10	Industrial Commercial	10 Ft	2-3 Sec for 90 degree	115VAC 1 Phase	Pad Mount	Parking Control Revenue Control Vehicle Access Trap
 BGU-12	Industrial Commercial	12 Ft	2-3 Sec for 90 degree	115VAC 1 Phase	Pad Mount	Parking Control Revenue Control Vehicle Access Trap
 BGU-14	Industrial Commercial	14 Ft	2-3 Sec for 90 degree	115VAC 1 Phase	Pad Mount	Parking Control Revenue Control Vehicle Access Trap
 BGU-D	Industrial Commercial	10 Ft 12 Ft 14 Ft	2-3 Sec for 90 degree	115VAC or 24VDC	Pad Mount	Parking Control Revenue Control Vehicle Access Trap w/Battery Back-Up
 BGUS	Industrial Commercial	14 Ft 16 Ft 18 Ft	11 Sec for 90 degree	115 or 230VAC 1 Phase	Pad Mount	Parking Control Vehicle Access Trap
 SG-25	Industrial Commercial	18 Ft 20 Ft 25 Ft	11 Sec for 90 degree	115 or 230VAC 1 Phase	Pad Mount	Parking Control Vehicle Access Trap

*Please Remember to Register all Projects