



Gate Automation Solutions

For over **25 years** we have automated just about every kind of gate



HYDRAULIC SWING GATE SOLUTIONS

SUB Underground Swing Solution

State of the art installation which only shows the beauty of your gate



This powerful 120 volt hydraulic operator is installed underground therefore making it invisible. It will smoothly operate any gate up to 1,760 pounds per leaf. Perfect for new gate installations, it will operate on both residential and light commercial applications.

Special features:

- Opening angles up to 125 or 180 degrees
- Irreversible (cannot be opened manually when motor is engaged)
- Easy manual release in case of power failure
- Opening and closing times: 14 seconds at 125 degrees
- Rated up to 500 opening and closing cycles per day
- Bearing foundation box for easy installation and maintenance
- Slow down on both opening and closing (up to 130 degrees) for smooth operation
- Optional thermostatically controlled heater available to ensure smooth operation in colder climates
- Install a complete pre-wired electrical enclosure box to further improve aesthetics and add many optional entry and safety systems all in one confined lockable enclosure box



LUX, P4.5 and P7 Linear Swing Arm Solution

Strong motors for peace of mind operation

These 120 volt hydraulic linear arms will give full satisfaction and will smoothly operate any gate up to 700 pounds per leaf (Lux) and 1,100 pounds per leaf (P7). Perfect for new gates and existing installations, it will operate on both residential and light commercial applications.

Special features:

- Opening angles of 120 degrees
- Irreversible on Lux (cannot be opened manually when motor is engaged) and reversible on P4.5 and P7
- Easy manual release in case of power failure
- Opening and closing: 17 seconds (30 seconds on larger model)
- Adjustable working time from LCD panel control board
- Rated up to 500 opening and closing cycles per day
- Six different models to ensure that all application and installation scenarios are met
- Optional internal positive stops available on some operators: no need for external stops on the driveway
- Optional thermostatically controlled heater available to ensure smooth operation in colder climates
- Install a complete pre-wired electrical enclosure box to further improve aesthetics and add many optional entry and safety systems all in one confined lockable enclosure box



Tip #1

BFT gate automation solutions offer added security for your home. An automated gate can keep intruders and unwanted guests out of your property. It also offers safety for your children and pets keeping them out of harms way. In rural areas wild life can not enter your property to destroy valuable vegetation.

Tip #2

Automating an existing gate adds convenience and security with minimum investment. Many gates that are not automated remain in the open position more often than closed. When inclement weather occurs, simply push a button and enter your property.

Tip #3

Never let anybody play or stand next to an automated gate. Always use available safety devices that are offered by your installer.

PHOBOS BT Swing Arm Solution

Best value for your money



This 24 volt electromechanical operator will open and close gates up to 550 pounds. Powered by 24 volt, it offers battery back-up as an option in case of power failure. The perfect residential solution for single and double gates.

Special features:

- Complete kits with one or two operators, infrared photocells, antenna & radio transmitters
- Opening angles of 120 degrees
- Integrated adjustable limit switches will allow easy alignment position of gate
- Irreversible (cannot be opened manually when motor is engaged)
- Easy manual release in case of power failure
- Opening and closing times: 20 seconds
- Rated up to 60 opening and closing cycles per day
- Low power consumption operator at 40 watts (1.6amp.)
- Adjustable slow down on both opening and closing for smooth operation
- Optional battery back-up system
- Inherent obstruction detection system for maximum safety



JOINT Swing Articulated Arm Solution

When the post is too large

This 120 volt electromechanical operator will open and close gates weighing up to 550 pounds. The articulated arm will give installation flexibility where other operators are difficult to fit.

Special features:

- Opening angles up to 125 degrees
- Irreversible (cannot be manually opened when motor is engaged)
- Easy manual release with a handle in case of power failure (optional remote release)
- Opening and closing times: 15 seconds at 90 degrees
- Rated up to 100 opening and closing cycles per day
- Integrated adjustable limit switches will allow easy alignment position of gate
- Designed for mounting to large pillar applications



Tip #4

Ask your installer about maintenance contracts to insure trouble free operation of your gate automation solutions. This will add to the life span of system.

Tip #5

Some gate automation solutions offer battery back-up systems which can be used if power failures occur. These battery back-up systems are used only when power is interrupted and offers seamless operation in areas that are susceptible to power failures.

Tip #6

All BFT gate automation solutions offer a key release in case of power failure or loss of remote controls.

DEIMOS BT Rack & Pinion Slider Solution

Big things come in small packages



This 24 volt electromechanical operator will smoothly and quietly open and close slide gates up to 1,100 pounds. It has an optional battery back-up system to operate the gate in case of power failure. The batteries are integrated inside the system. Ideal for residential and light commercial sliding gates.

Special features:

- Complete kits with one operator, infrared photocells, & a radio transmitter
- Maximum gate: weight 1,100 pounds; length: 75 feet
- Irreversible (cannot slide manually when motor is engaged)
- Easy manual release handle in case of power failure (optional with key)
- Uses safe and silent rack & pinion system
- Opening and closing times on 12 feet: 20 seconds (option: 15 seconds)
- Rated up to 100 opening and closing cycles per day
- Adjustable slow down on both opening & closing for smooth operation
- Easy to set limit switches with optional magnetic contact for cold weather conditions
- Optional battery back-up system
- Inherent obstruction detection system for maximum safety





Pre-wired enclosure box The perfect professional installation

To finalize a perfect automated gate installation, the best option is to use the BFT pre-wired enclosure box. It has space for safety and entry accessories and will make the installation and maintenance of your system so much safer and simpler.

Special features:

- Lockable box for security, water-tight for safety
- Highly durable fiberglass reinforced polyester box
- Allocation for up to three loop detectors (Safety, Exit & Shadow)
- Power surge protector
- 2 outlets for entry systems or other needs
- Pre-wiring for heating board



Safety first

Infrared photocells, loops and rubber edges are important safety devices

A number of accessories which can enhance your gate operation safety can be part of your installation. Automatic gates in your driveway must be safe to avoid damage and injuries. Infrared photocells, safety loops and rubber edges are some of the accessories which should be part of a professional installation.

Special features:

- Infrared photocells have a range of 100 feet and will operate as programmed by the installer (stop or open the gate) for increased safety
- Safety loops supplied by the installer will be installed in your driveway and will detect any vehicle close to the moving gate. It will operate as programmed by the installer (stop or open the gate) for increased safety
- Rubber edges may be used to smoothen the closing of the gates in some applications. They may be inactive (only a rubber part) or active. If active, they will reverse the gate for 1 second after sensing obstruction, and stop until a new command is given



Entering your property

Radio remote controls, key switches, digipads, are some devices which can be connected to your gate

There are many ways a gate can be operated. The choice of radio remote controls, key switches and digipads is yours.

Special features:

- BFT Mitto remote controls come with 2 and 4 buttons and have a great operating range. An external antenna may be added for improved reception
- A key switch is a flexible option when you want to let people enter your property without giving them a remote control
- The digipad will allow you to set different codes



Welcoming your guests

BFT operators can be connected to all available telephone entry systems

The best gate installation is not complete unless it has a telephone entry system to open the gate remotely when a guest or vendor is visiting. Your installer will propose different models to meet your requirements.

Special features:

- Choices of voice or camera
- Multiple code entry for added security
- Different models to mount on gooseneck posts or walls



BFT U.S., Inc.
www.bft-usa.com

Your BFT solution provider:



COMPANY WITH INTEGRATED
MANAGEMENT SYSTEM CERTIFIED BY DNV
= **ISO 9001:2000** =
ISO 14001:2004



All BFT operators included in this document are CSA/UL approved and comply with UL 325 Standard for Safety of Gates.

“Everyday, for more than 25 years, we at BFT, have been making life more comfortable and more secure for millions of people in more than one hundred countries worldwide.”

