

# UNDERGROUND SWING GATE OPERATOR



## Model S800H

UNDERGROUND HYDRAULIC OPERATOR FOR SWING GATES FOR RESIDENTIAL OR CONDOMINIUM



### • FEATURES:

- > Hybrid technology
- > Integrated encoder to control operator position
- > 100° and 180° opening angle versions
- > Opening/Closing mechanical stops integrated
- > Easy handling and installation thanks to the integrated handles
- > Maximum safety thanks to the E024U control board reverse on contact feature
- > Built in battery backup to ensure operation in case of power outage
- > Compliant with UL325 for Class I,II,III and IV applications

REFERENCE	DESCRIPTION	VOLTAGE	LEAF WEIGHT	LEAF LENGTH	OPENING ANGLE
108710.5	S800H CBAC SINGLE KIT	24 V	up to 1760 lbs (~800 kg)	up to 13'	100°
10871015.5	S800H CBAC OPERATOR ONLY	24 V	up to 1760 lbs (~800 kg)	up to 13'	100°

### TECHNICAL FEATURES

	S800H CBAC
Input voltage	24 Vdc
Power	60 W
Current	7 A
Max. torque	442 lbf.ft (600 Nm)
Angle speed	8.2°/s
Max. opening angle	113° (S800H 100°) - 187° (S800H 180°)
Max. leaf width	13 ft (4 m)
Max. leaf weight	1760 lb (800kg)
Operating ambient temperature	-4°F - 131°F (-20°C to +55°C)
Use frequency	continuous
Operator weight	29 lb S800H 100° (13.2Kg) - 37 lb S800H 180° (17.0 kg)
Protection class	IP 67
Hydraulic locks	included

#### S800H - Single Kit

Kit contains:

- 1 Operator S800H CBAC with accessories
- 1 Hydraulic manual release
- 1 Splined shaft collar with mounting bolts
- 1 Support Box (item 490112)
- 1 E024U Enclosure Kit
- 2 Batteries 12V 8 Ah
- 1 Receiver 433 RC Plug In
- 2 4-channel transmitter XT4 433 RC
- 1 Pair of photobeams

#### S800H - Single Operator Only

- 10871015.5** - S800H CBAC operator only with 100° opening angle

# SWING GATE OPERATOR

## DRIVEWAY LOOPS AND DETECTORS



### DIRECT BURIAL LOOPS

#### Reverse/Shadow Loops

**EL24-60** – 24 foot Loop  
4' x 8' loop, 60ft lead wire

**RL36-40** – 36 foot Loop  
6' x 12' loop, 40ft lead wire

**EL44-60** – 44 foot Loop  
6' x 16' loop, 60ft lead wire

#### Free Exit Loops

**EL36-100** – 36 foot Loop  
6' x 12' loop, 100ft lead wire

**EL44-100** – 44 foot Loop  
6' x 16' loop, 100ft lead wire



### SAW CUT LOOPS

#### Reverse/Shadow Loops

**SC24-50** – 24 foot Loop  
4' x 8' loop, 50ft lead wire

**SC36-50** – 36 foot Loop  
6' x 12' loop, 50ft lead wire

**SC44-50** – 44 foot Loop  
6' x 16' loop, 50ft lead wire

#### Free Exit Loops

**SC36-100** – 36 foot Loop  
6' x 12' loop, 100ft lead wire

**SC44-100** – 44 foot Loop  
6' x 16' loop, 100ft lead wire



### KEXITPROBE

Mini Probe with vehicle sensor



### LOOP DETECTOR

#### DSP-7LP

Automatically adjusts its sensitivity level when used on different sized loops.



**CP31005W** - 100' of wire  
**CP32005W** - 200' of wire  
Free-exit self contained system.

## ACCESSORIES



**787453** - Rolling code transmitter



**490112** - Support Box



**490113** - Stainless steel support box

## ACCESS CONTROL



### P121024-Q-BOX

Digital keypad with 10 channels and 100 combinations. Backlit.



### CEO-42/9c

Pad mount for gooseneck post

### CEO-64/9

Inground gooseneck post



### BFT-CELLBOX-KP+

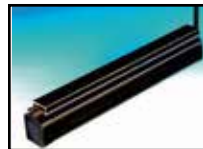
BFT Cellular Call Box with Keypad open gates from your phone when using the app.



### WIFI-BFT-KPAD

Connect to the systems video directly through your phone or tablet's wifi.

## SAFETY EDGES



### Monitored Safety Edge

Sensor to eliminate pinch points and entrapment.

**ME120-2E-04-T2** (4ft length)

**ME120-2E-05-T2** (5ft length)

**ME120-2E-06-T2** (6ft length)

### Aluminum Channel

Mounting channel for monitored safety edge.

**ME120-C-4FT**

**ME120-C-5FT**

**ME120-C-6FT**



### Monitored Gate Link – MGL-K20

Monitored Gate Link detects the presence and function of a monitored Sensing Edge and transmits a wireless monitored signal to operator controls. The receiver is compatible with up to two transmitters; for leading and trailing edges.

### Transmitter – MGL-TX20

Wireless transmitter compatible with monitored gate link receiver.

## SAFETY BEAMS



**785163** - Wired directional photocell with alignment. Mounted on wall or column.