

# Industrial Barrier Gate Operator

**BG 770**



reliable performance barrier gate operator for industrial applications such as airports, parking garages and manufacturing plants

Engineered for the highest durability and safety, this powerfully designed barrier gate operator supports arm lengths up to 15 feet and arms weighing up to 25 pounds. Heavy 11-gauge steel weather-resistant cabinet with a durable baked-on powdercoated finish and a heavy-duty 1/2 HP industrial motor with overload protection supports 100 cycles per hour, making this model ideal for installations that experience heavy traffic.



**USP**<sup>TM</sup>

UNITED STEEL PRODUCTS

CHAMBERLAIN<sup>®</sup>

**LiftMaster**<sup>®</sup>

**PROFESSIONAL**

# standard features

## control inputs

Control inputs allow the connection of a full range of optional external devices like loop detectors, telephone entry systems, access control systems and radio receivers.

## limit settings

All driven limit cams are fully adjustable, adding considerable convenience to unit installation and maintenance.

## Optional Accessories

### dual gate capability

Supports the operation of 2 separate gate operators in unison at a single entrance, assuring consistent, simultaneous open/close cycle for both operators and is bi-part capable.

### timer to close

This optional programmable module can be set from 1 to 1,024 seconds. The unit will automatically close when your programmed time has expired.

### plug-in style loop detectors

The operator incorporates a 2-harness support system that can accept up to 2 plug-in loop detectors for exit or hold-open functions.

### long-distance wiring module

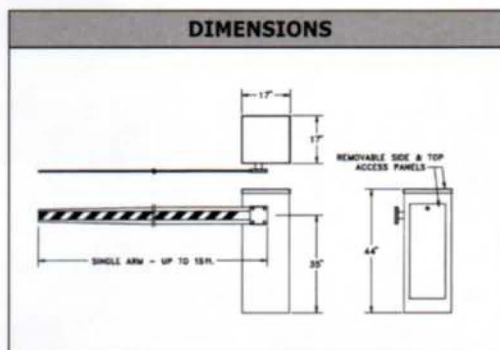
This module allows you to mount accessories or controls beyond 100 feet from the operator.

### SAM limit switch modification

This added limit switch enables the BG 770 to be used in a Sequenced Access Management system. This system may include a single BG 770 or a pair of BG 770 barrier gates and any slide or swing gate operator equipped with a GL control board.

RECOMMENDED CAPACITIES			
HP	MAX. GATE WT. (lbs.)	MAX. GATE WIDTH (ft.)	CYCLES /HR.
1/2	25	15*	100

\*PVC arm lengths of up to 15' are supported.



## SPECIFICATIONS

### OPERATOR SPEED

Opens 90° in 4 seconds

### POWER

115/208/230 VAC,  
Single Phase - 60Hz

208/230/460/575,  
Three Phase - 60Hz

### ACCESSORY POWER

One - 24 VAC  
One - 115 VAC (available only with the 115 V model)

### OPERATOR WEIGHT

225 lbs.

### CONSTRUCTION

Gear Reduction: 60:1  
Wormgear Reducer in Oil Bath

Motor: 1/2 HP  
Continuous-Duty

Metal Frame: 11-Gauge  
Pre-Galvanized Steel

## OPTIONAL EQUIPMENT

### Reverse Cabinet Modification

**Articulated Arms**  
For use in parking garages where normal arms would be obstructed by ceiling or other obstacles. Available in both wood and PVC construction.

**12-Foot Wood Arms**  
Standard arm used in most applications.

**10 & 15-Foot PVC Arms**  
Replaces the standard wood arm with a lighter weight PVC arm.

**Thermostatically Controlled Heater**  
For use in extreme cold environments.

**Single-Button Radio Modification**  
Allows you to use a radio control to both open and close the barrier arm.

CHAMBERLAIN®  
**LiftMaster**  
PROFESSIONAL

THE CHAMBERLAIN GROUP, INC.  
845 Larch Avenue • Elmhurst, IL 60126  
[www.liftmaster.com](http://www.liftmaster.com)

**USP**  
UNITED STEEL PRODUCTS

33-40 127TH PLACE  
FLUSHING, NY 11368  
(718) 478-5330

[www.unitedsteelproducts.com](http://www.unitedsteelproducts.com)



© 2004 LM BG 770 Spec 12/04  
The Chamberlain Group, Inc.  
Printed in U.S.A.