MEGA ARM/MEGA ARM TOWER

High-performance, DC-powered barrier gate operators with built-in battery backup

The Mega Arm and Mega Arm Tower are DC-powered, high-performance additions to the LiftMaster® family of gate operators. Designed with a 24VDC (1/2 HP equivalent) motor, these models provide exceptional starting torque and continuous operation, making them ideal for most applications.

Constructed with an aluminum alloy chassis, they’re corrosion resistant and light enough for one person to carry and install. The heavy-duty motor supports 6,000 cycles per day with an operator speed of 2.5 seconds to open or close.

built-in 312HM radio receiver

Exclusive from Chamberlain, a single remote control access solution for gates and additional access points.

no power? no problem!

Built-in battery backup provides seamless operation of the gate operator and all DC control and sensing devices in the event of a power loss.

2 year warranty electronics and mechanism
10 year warranty chassis and cover

CHAMBERLAIN
PROFESSIONAL

LiftMaster®
**standard features**

**built-in radio receiver**
Includes a factory-installed 312HM radio receiver for use with DIP switch and Security+® remote controls. This allows for one LiftMaster® remote control to conveniently open the gate and additional access points. Remote controls sold separately.

**aluminum alloy chassis**
Lightweight, 1/4" rustproof T-6 aluminum alloy chassis for superior heat and corrosion resistance.

**built-in battery backup**
The system will automatically engage in the event of a power loss and auto-reset to normal operation once power is restored. It provides complete operation of the gate operator, all DC control devices and sensing devices. Alternatively, system can also be set to open on power failure with a 15-second delay.

**soft start/stop**
Reduces the stress and shock to the gate system during starting and stopping, providing longer gate and operator life.

**DC operator system**
Powered by a 1/2 HP equivalent 24VDC motor, this system provides exceptional starting torque.

**right or left-handed operation**
Allows flexibility of arm orientation to be determined prior to or during on-site installation.

**breakaway arm**
Breakaway arm design protects the operator and allows the arm to be reused time and time again. Choose from a 12 or 15 ft. aluminum gate arm or 14 ft. soft-padded gate arm – arm ordered separately from the operator.

**control inputs**
Safe, low-voltage 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.

**inherent obstruction sensing**
Offers separate force adjustments for both open and closed directions. If the gate comes into contact with an obstruction, a closing gate will reverse to open and an opening gate will stop.

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**LED indicators**
Operator input, status and diagnostic LEDs help to simplify setup and troubleshooting.

**dual-gate operation**
Supports the operation of two separate gate operators in unison at a single entrance, assuring consistent, simultaneous open/close cycle for both operators.

**dynamic braking**
Especially important on high-cycle gates, the electronic brake system provides total gate closing without coasting.

**magnetic sensors**
Arm position is controlled by a magnet that is mounted on the drive shaft. This is detected by two magnetic sensors on the control board.

**timer to close**
Adjustable timer may be set between 1 and 33 seconds. The unit will automatically reset upon receiving any additional open commands.

**optional equipment**

**sequenced access management system (SAMS) and trap**
Provides the capability to sequentially control a slide or swing gate operator in tandem with a barrier gate operator.

**heater**
Required for cold weather climates that reach 32°F and below. Available in 150 & 500 watts.

**slip-clutch mechanism**
Gate arm self-aligns if entry is forced up.

**programmable output relay**
LiftMaster® radio controls articulating arm options 9’ PVC or 10’ aluminum - folding arms

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**SPECIFICATIONS**

**OPERATOR SPEED**
2.5 seconds to open or close

**POWER**
110/220VAC ~ 50/60Hz

**OPERATOR WEIGHT (WITHOUT ARM)**
Mega Arm – 89 lbs.
Mega Arm Tower – 113 lbs.

**ACCESSORY POWER**
24VDC 500 MA
Battery Backup for Accessory Power

**UL LISTED**
UL325 & UL991 Listed– Class I, II, III and IV

**CONSTRUCTION**

Gear Reduction: 60:1 Reducer in Synthetic Oil Bath
Motor: 1/2 HP Equivalent Continuous-Duty 24VDC/1800 RPM
Chassis: Powdercoated 1/4" Aluminum Alloy
Cover: Mega Arm – Plastic
Mega Arm Tower – Aluminum

**ADDITIONAL FEATURES**

Universal controller with 8 inputs
Microprocessor electronics
Safety-stop tailgate feature
Ability to auto-open when power fails
Mov/Tranzorb surge protection on inputs
Tailgate alarm – senses tailgating

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