

High-Performance Commercial DC Barrier Gate Operator

MEGA ARM/ MEGA ARM TOWER

MA/MAT

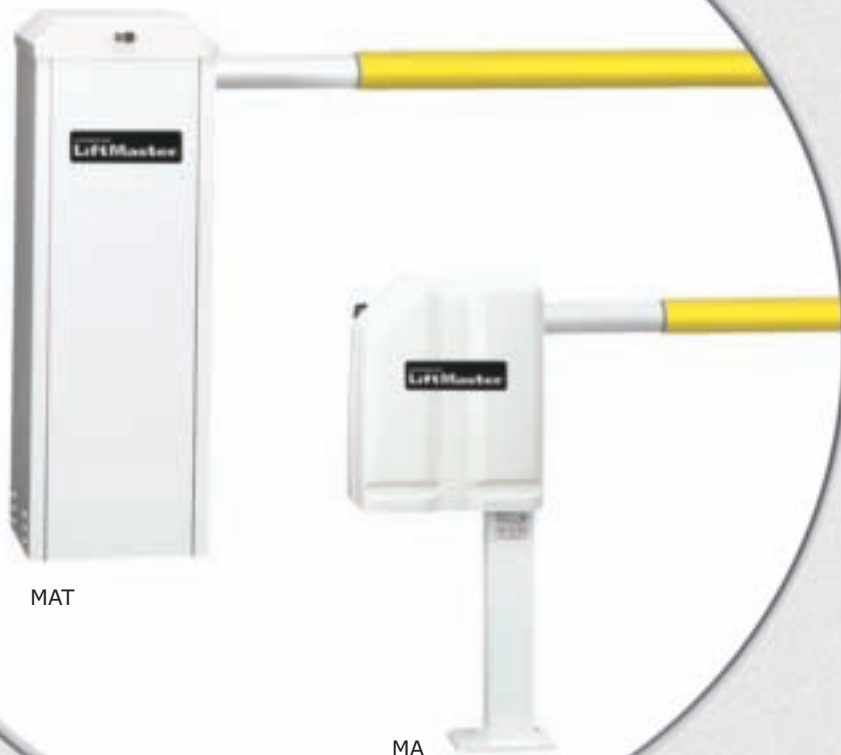
high-performance,
DC-powered barrier
gate operators with
built-in battery backup

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.



MAT

MA

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®

LiftMaster®

PROFESSIONAL

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

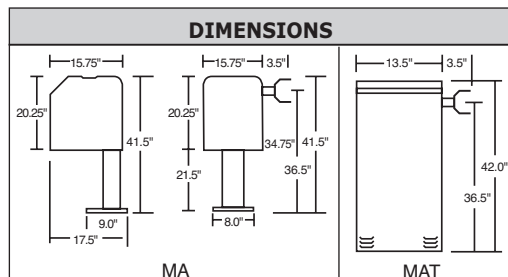
Breakaway arm design protects the operator and allows the arm to be reused time and time again. Choose from a 12 or 15 ft. aluminum gate arm or 14 ft. soft-padded gate arm – arm ordered separately from the operator.

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.



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 position control to ensure consistent 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.

7 amp-hour 12VDC batteries supplied standard

2 needed per gate operator for battery backup power.

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

RECOMMENDED CAPACITIES		
HP*	MAX. GATE LENGTH (ft.)	CYCLES / DAY
1/2	12' & 15' aluminum arm 14' soft-padded arm	6,000

*equivalent 24VDC

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
Accessory Power

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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