# AMGATE AUTOMATIC BARRIER GATE Heavy Duty Barrier Gate



AMGATE AMTEL Heavy Duty Barrier Gate to meet all your requirement for Gate Entry and Parking and Revenue. Offering different Gate Arm options and voltage for digital vehicle loop detector. Compact, Reliable & Versatile. Compare and AMGATE will be your choice.

Starting with the "Shell-in-a-Shell" design, which has all drive components mounted on a separate welded frame and an all aluminum housing that surrounds the frame offering full access for service. Followed by a drive mechanism, which utilizes a instant reverse shock mounted motor, a 60:1 worm type gear reducer, an harmonic crank that eliminates the constant "drooping arm" syndrome, a 1.25" diameter shaft and other heavy duty metal components specially plated for long rustfree life. The Barrier gate comes with a 12 feet wood gate arms that is striped. Also available are 14 feet arms with counter weights. Optional self-tuning digital loop detector with quick socket connection for service built-in in automatic gate version and ready socket for an optional second loop detector. Universal Logic Box utilizing an industrial grade contractor is designed to meet virtually all system applications. Manual, Slave and Automatic versions are available.

Compact, Reliable & Versatile. Compare and AMGATE will be your choice.

### **FEATURES LIST**

- \* Smallest Profile to allow installation in the tightest of locations
- \* Strong and Reliable Shell in a Shell Housing Design
- \* Welded Galvanized Steel frame 1/3 HP Instant Reverse motor
- \* Special Worm Type 60:1 gear reducer
- Standard 10ft/12ft arm lengths available.
- \* Optional 14ft counter weighted arm.
- \* Fast 2.5 sec up/down movement
- \* Oversized 1.25" Shaft for heavy duty, high traffic, rust free operation
- \* Universal relay logic controller for easy servicing
- \* Aluminum Skin for rust and corrosion prevention Security lock to limit access to the controller
- \* Harmonic Crank to eliminate the "Drooping" gate arm problem Fiber Glass top cover
- \* Close Loop Detector included with Automatic gate Ready socket connection for optional second loop detector
- \* Automatic, Manual and Slave Barrier Gates versions available

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## TECHNICAL SPECIFICATIONS

### **ELECTRICAL**

**Voltage** : 110V AC, 50/60 Hz

Standby current : 2.6 AMP Motor start current : 6.8 AMP Running current : 4.4 AMP

**Motor horsepower** : 1/3 HP, single-phase instantly reversing motor

**MECHANICAL** 

Frame : Heavy-duty, welded frame with aluminum skin

and fiber glass top cover

**Door** : Removable door (access to electrical

connections and logic box)

Finish (Standard) : Golden yellow Poly Urethane Paint with Crinkal

finish

Motor V-belt : Heavy-duty V-belt to drive speed reducer

Motor speed : 1650 RPM Reducer Torque : 434 in-lbs

**ENVIRONMENTAL** 

**Temperature** :  $-15^{\circ}\text{F} \sim 130^{\circ}\text{F} (-26^{\circ}\text{C} \sim 54^{\circ}\text{C})$ **Humidity** :  $10\% \sim 90\%$  (non-condensing)

**WEIGHT & DIMENSIONS** 

**Gate body** : 44"x12"x12" (112cmx30.5cmx30.5cm)

Approx. 150 lbs

**Gate arm** : 1"x4"x12' (2.54cmx5.08cmx3.66m)

Approx. 6-8 lbs

**Counterweight Arm** : 1"x4"x14' (2.54cmx5.08cmx 4.27m)

Approx. 10 lbs

Articulated Arm : 2 parts 1"x4"x6'(2.54cmx5.08cmx1.88m)

Approx. 8.75 lbs

### **ORDERING INFO:**

Part Number : 502-ABG-0010W

**Product Name** : AMGATE Barrier Gate 110V

**Product Description** : AMGATE Automatic Barrier Gate with Universal Logic Box, Strong Electromechanical Mechanism, 110V

Part Number : 502-ABG-0020W

**Product Name** : AMGATE Barrier Gate 220V

Product Description : AMGATE Automatic Barrier Gate with Universal Logic Box, Strong Electromechanical Mechanism, 220V

# **Barrier Gate Arm & Accessories:**

**Part Number** : 509-ABG-C120Y

**Product Name** : Aluminum Gate Arm 12 Feet

Part Number : 509-ABG-C14WY

**Product Name** : Aluminum Gate Arm 14 Feet with Counterweight

Part Number : 509-ABG-C12RY

**Product Name** : Aluminum Gate Arm 12 Feet with Articulated

**Part Number** : 504-VLD-EM0

**Product Name** : Digital Vehicle Loop Detector Multivoltage







