

AUTO BARRIER S-438-SPECIFICATIONS

The S438 is designed to be unique in the parking industry. By incorporating modern design technology with field proven design concepts it provides maximum flexibility, functionality and reliability while maintaining traditional economy and serviceability.

CABINET

The weather-tight, seam welded cabinet is constructed of heavy gauge, satin coat galvanized steel, measuring 310 x 400 x 980mm (13"x 15"x 39"). Four bolt holes for easy mounting are provided, with accessibility only from inside the cabinet. A single gasketed door is provided for easy access to components, with flush mounted, T-handle lock with key. To withstand environmental conditions the cabinet is finished with an electrostatic powder paint process that ensures a durable baked on finish. A choice of several alternate, exterior finish colors is available as a standard feature, to allow for individual project requirements.

ELECTRICAL

All relays are enclosed in a factory sealed plug-in controller, which is readily interchangeable. A steel connection box, provided for all electrical wiring. The motor is specially manufactured for this gate with thermal overload protection, which is auto or manual resettable. Power supply to the gate is 220VAC, 5 AMP, 50/60Hz, on a separate breaker.



GATE ARM

The standard gate arm is 12-16fts. long and is constructed of 50 x 88mm octagonal aluminum tube clear finished, marked on both sides with strips of black and yellow warning traffic tape, built-in protective rubber underside.

MECHANICAL

The gate arm is driven by a 1/2 HP, single phase, instant reverse motor, connected by a vee-belt to a heavy pulley, 60 to 1 single reduction speed reducer. Power is then transmitted to gate arm drive shaft by harmonic acting crank shaft and connecting rod. Adjustable cams are positioned on the main shaft to activate limit switches for control of gate arm movement. Crank, main shaft, connecting rod, etc., are constructed of solid steel that has painted to prevent corrosion, and all parts move on self-lubricating bushing. Mechanical action is such that braking devices or mechanical stops are not required.

SYSTEM CONTROLS

- * PUSH BUTTON* VEHICLE DETECTORS* CARD READERS* RADIO CONTROLS*
- * ELECTRONIC CASH REGISTER* FEE COMPUTERS AND TICKET DISPENSER*