

SECUR-PAK SYSTEMS**Maximum Security****9100A VEHICLE GATE OPERATOR**

The 9100A Operator is designed for use on vehicular entrances in a perimeter security fence.

FUNCTION:

A remote switch activates a motor which raises a vertical lock bar and propels the gate open or closed.

MECHANICAL:

In an electrical emergency, the gate is manually unlocked and propelled open by use of a hand crank located in the motor box.

SAFETY:

The 9100 gate operator meets current UL 325 requirements for Class IV (Guarded Applications). Primary entrapment protection is provided by constant pressure pushbutton controls with the audio alarm establishes the secondary safety device to meet UL 325 safety requirements. Additionally, the gate operator is UL listed for Class III.

SECURE:

Sallyport locking system that features a keyless three-point positive locking capability making it impossible to open gate except by electrical operation or emergency hand-cranking.

SERVICABLE:

Motor assembly is located at ground level providing easy access for routine inspection of the motor unit and limit assembly.

DURABLE:

The entire drive and locking assemblies are encased in a 10 gauge hot-dip galvanized steel enclosure providing superior protection from inmate tampering and inclement weather conditions.

**9100A
VEHICLE GATE OPERATOR****TECHNICAL DATA:**

- **GATE SIZES:**
Standard gate clear opening width 12' to 30' with 1' increments and 14' to 18' clear height with 1' increments
- **ELECTRICAL:**
Electro-mechanical (non-solid state) Controller, motor 1 HP, 110, 120 Volt 60Hz, Single Phase – 208/230, 460 Volt 60Hz, Three-Phase.
Variable Speed Controller, motor 1 HP, 208, 230 Volt Single-Phase – 208, 230 Volt Three-Phase. This electrical package offers gate speeds up to 2.2 feet per second.
- **CONTROL WIRING:**
24 Volt
- **GEAR BOX HEATER:**
110 Volt electrical service providing power directly to thermostat controlling the internal gearbox heater
- **MOTOR BOX HOUSING:**
10 gauge galvanized steel containing NEMA 4 electrical enclosure meeting the requirements of UL and equipped with a 6 tumbler paracentric mechanical lock.
- **OVERHEAD TRACK:**
Two 8" (2.03 mm) structural steel channels joined together weighing a total of 34.5 lbs/ft (15.65kg/m).
- **GATE TROLLEYS:**
Milled from a single block of stainless steel and use 2 sealed ball bearings per wheel, 6 wheels per trolley.
- **SUPPORT STRUCTURE:**
4" OD schedule 40 pipe
- **LOCKING COLUMN:**
W-4 "H" beam @ 13 lbs/ft (101.6 mm x 18.9 kg/m)
- **DRIVE CHAIN:**
#60 roller chain



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STANDARD FEATURES:

- Six tumbler paracentric key motor box locks
- 208 VAC Three-Phase
- Easy-to-reach mechanical operation and maintenance access
- Three-point locking
- Enclosed drive
- Manual hand cranking
- Gate sizes 12'-30' wide, 14' to 18' high
- Gear box heater: 110 Volt electrical service providing power directly to thermostat controlling the internal gearbox heater

OPTIONAL FEATURES:

- Remote control panel
- 110 or 220 Volt 60Hz single-phase power
- 460 Volt 60Hz three-phase power
- 50 Hz motors are offered for international projects
- Custom Gate openings
- Photo eyes and/or safety edges
- Special keying

NOTE: The optional features will increase lead time. Also, additional charges will apply depending on application.

