

Drive: Roller Chain
Release: Remote Electric &
Local Mechanical
**Security
Level:** Medium

FOLGER ADAM LOCKING DEVICES

J OPERATORS SLIDING FENCE GATE

Description

Type J Operator is a medium security operating and locking system for standard 14'H x 14'W chain link fence gates. Units may be supplied for gates to a maximum of 16'H x 30'W, maximum weight, 1,000 pounds. Medium security designation is applied for chain-link fence construction applications.

Applications

Type J Operators are applicable to vehicular entryways for perimeter control. Two or more operators may be installed and interlocked to create vehicular sallyports permitting a secure location for inspection of vehicles and passengers.

Functions

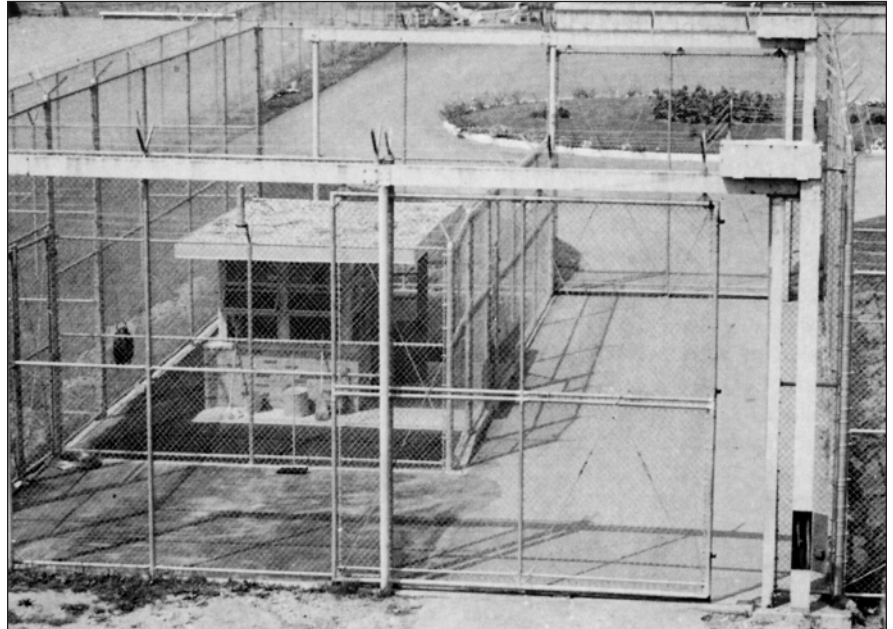
Unit unlocks, opens; or closes and deadlocks a gate electrically, from a remote push button station. When closed, it is impossible to move the gate except by electrical or mechanical methods.

Movement of a gate in either direction may be stopped and re-started by pressing the appropriate push button.

Mechanical movement of the gate is accomplished by a hand crank in the release column in the event of power failure or emergency.

Locking System

On closure, locking is accomplished by means of a keyless locking device which engages the gate at three locations in the locking column. In the open



position, all openings in the locking column are completely closed to prevent tampering.

Testing

Type J Operators have been in service since 1955, and tested to 500,000 cycles.

Standard Features

- **Motor voltage** – 208 VAC.
- **Rugged chain drive** – Provides consistent action of the gate under a variety of conditions and installation variables.
- **Heavy duty construction** – Welded steel construction coupled with column and H-beam support assure durability.
- **Tamper-resistance** – Drive system is self-contained, mechanism is enclosed when the gate is open.

- **Adjustable friction clutch** – Protects the motor in the event of blockage. If obstruction is not removed, power to the motor is cut off. Adjustment is provided to compensate for various sizes and weights of gates.
- **Automatic deadlocking** – Occurs whenever the gate is closed electrically or manually.
- **Three-point locking** – Gate is locked along leading edge in three locations for security.
- **Weather-resistant construction** – Housings and covers are designed specifically for exterior application.
- **Corrosion-resistant working parts** – Critical operating parts are made of corrosion-resistant materials for reliability.



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- **Emergency manual operation** – In event of power failure, hand crank operation opens or closes the gate.
- **Interlocking** – When two or more operators are used, interlocking feature allows electrical opening of only one gate at a time.
- **Attachment points** – Standard pipe flanges atop the mechanism track permit attachment of barbed wire.

Optional Features

- **Operating voltage** – 120 VAC, 60 HZ, 1 phase
- **Gate width** – Operators may be specified for gate sizes up to 16' high and 30' wide.

- **Control station** – Three push buttons (OPEN-CLOSE-STOP) provide remote operation. Red and green indicator lights show open and closed condition (respectively) of gates.
- **Custom graphic consoles** – In many cases, operators are merely one part of a complete security system. For these larger installations, or those with particular needs, custom-built consoles or touchscreen controls may be easily provided with floor plan and special feature graphics.

Dimensional Data

Note: Dimensions are for information and planning purposes only, and should not be used as templates.

The illustration shown is intended for general information and planning purposes only. Folger Adam locking devices are fabricated to the design of the facility.

Specifications

■ Drive system –

Type: Roller chain.

Roller chain: #40 size.

Motor: 208 VAC, 60 HZ, 3 phase 1/3 HP.

Motor housing: 7-gauge steel.

Cover: 10-gauge steel.

Support structure: Two 8" x 13.75" steel channels.

Center and aft support columns: 4-1/2" OD x 4" ID.

Locking column: 4" x 4" x 13" H-beam.

Emergency release column: 7-gauge steel, hinged access door equipped with No. 12 Deadlock.

Finish: USP.

