



Detention Equipment Company

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PRODUCT BULLETIN: 09-004

SUBJECT: Southern Steel 1050 Electro-Mechanical Gate Lock

DATE: February 12, 2009

FOR DISTRIBUTION TO:

All Customers

Replacement parts for the Southern Steel 1050S and 1050R Electro-Mechanical Gate Lock are no longer available.

The Southern Steel 1050D Solenoid Operated Electro-Mechanical Gate Lock is available for either swinging gate (1050SD) or sliding gate (1050RD) applications.

Product sheets are attached for reference.

SOUTHERN FOLGER DETENTION EQUIPMENT COMPANY

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Product Manager

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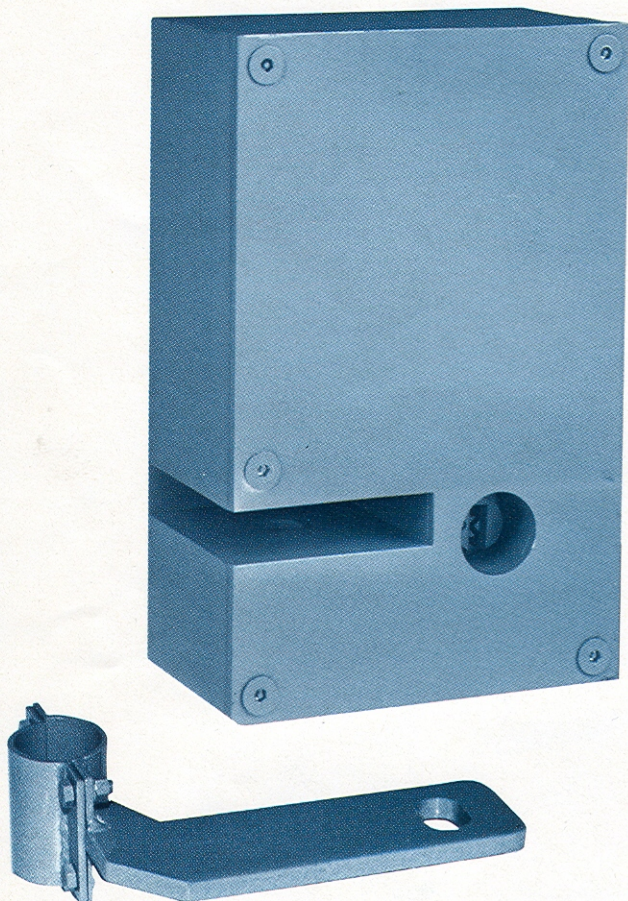
attachment:

1050 Catalog Cut Sheet

1050D Catalog Cut Sheet



REPLACEMENT PARTS
NO LONGER AVAILABLE



1050 ELECTRO-MECHANICAL GATE LOCK

SLIDING GATE LOCK

1050R-1: KEYED ONE SIDE

1050R-2: KEYED BOTH SIDES

SWINGING GATE LOCK

1050S-1: KEYED ONE SIDE

1050S-2: KEYED BOTH SIDES

LOCK SIZE: 7" × 3³/₄" × 11"

LOCK WEIGHT: 38 POUNDS

APPLICATION: Swinging and sliding exterior gates. Standard mounting is for chain link fencing, but may be modified for other types of gates.

FUNCTION:

ELECTRIC — Remote pushbutton switch activates a powerful solenoid which raises an internal bolt, enabling the gate to be opened. Remains unlocked until gate is closed, then automatically locks.

MECHANICAL — Bolt may be manually retracted by key.

TECHNICAL DATA

STANDARD FINISH: Galvanized

COVER: Cold-rolled steel plate

CASE: Cold-rolled steel plate

LATCH BOLT: Cold-rolled steel

PARACENTRIC CYLINDER & KEYS: Silicon bronze/copper alloy

TUMBLERS: .097" spring temper brass.

Tumblers actuated by phosphor bronze springs, 5 tumblers per lock.

ELECTRICAL: 115 VAC, 1 phase, 60 Hz.,
6.0 amp inrush current,
0.6 amp seated current

STANDARD FEATURES

- Mounting brackets for pipe rail
- Gate latch lug
- Limit switches for optional functions
- Molex plug connection
- May be interlocked with one lock
- Continuous duty solenoid

SEE ADDITIONAL ORDERING/SPECIFYING
INFORMATION IN CURRENT PRICE LIST

FENCE MOUNTED FOR SWINGING/SLIDING GATES

Maximum security.

1050D SOLENOID OPERATED ELECTRO-MECHANICAL GATE LOCK

1050D-1: KEYED ONE SIDE
1050D-2: KEYED BOTH SIDES

APPLICATION:

For swinging and sliding gates. Standard mounting is for chain link fencing, but may be modified for other types of gates.

FUNCTION:

ELECTRIC - Remote switch activates a solenoid which raises an internal bolt, enabling the gate to be opened. Remains unlocked until gate is closed, then automatically deadlocks.

MECHANICAL - Bolt may be manually retracted by paracentric key, and remains retracted until key is returned to the locked position.

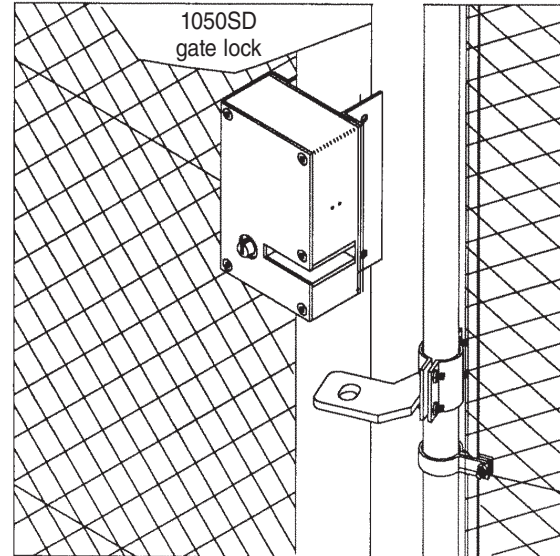


Detention Equipment by
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FENCE MOUNTED FOR SWINGING/SLIDING GATES

Maximum security.

1050D SOLENOID OPERATED ELECTRO-MECHANICAL GATE LOCK



STANDARD FEATURES:

- Deadlock indication switch
- Mechanical latchback
- Six-tumbler lock
- Continuous duty solenoid
- Mounting hardware for 4" O.D. fence posts and 2" O.D. gate frame

NOTE:

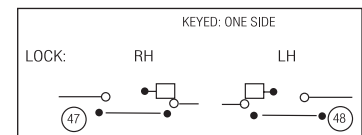
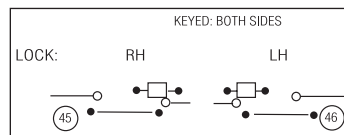
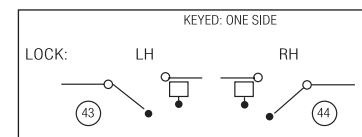
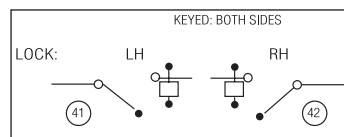
Specify:

1050SD for swinging gate

Specify:

1050RD for sliding gate

Swing Chart: Specify circled swing number when ordering.



TECHNICAL DATA:

- STANDARD FINISH: Galvanized
- COVER: 3/16" steel plate
- CASE: 1/8" steel plate
- LOCKING LUG: Cold-rolled, steel
- DEADBOLT: Stainless steel
- PARACENTRIC CYLINDER: Silicon bronze/copper alloy
- TUMBLERS: Spring tempered brass. Tumblers actuated by phosphor bronze springs, six

- tumblers per lock
- LOCK SIZE: 11" H x 7" W x 3-13/16" D
- LOCK WEIGHT: 38 lbs.
- DEADBOLT SIZE: 5/8" diameter
- DEADBOLT THROW: 1"
- ELECTRICAL: 115 VAC, 1 phase, 60 Hz., 12 amp inrush current, 0.6 amp seated current

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