

# GCL-MT

## MEDIUM-DUTY TROLLEY OPERATOR



The GCL-MT is designed for standard-lift sectional doors that have a 15-cycle/hour and less than a 50-cycle/day requirement. Advanced features and robust mechanical design combine to provide a medium-duty operator that is the new standard in the industry.

### UL 325 Listed

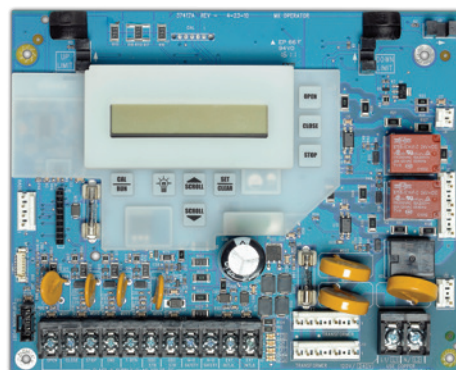
- Allows for monitored entrapment protection and momentary operation when used with select photocells and/or edge-sensing devices.

### GCL-MT Advantages

- Rated for 15 cycles per hour operation, maximizing the performance of a medium-duty operator.
- Modular design with optional expansion boards for advanced timer to close and auxiliary output functionality.
- Included internal Intellicode® receiver learns up to 50 transmitters with randomly assigned identity numbers. Learn and delete individual transmitters directly from LCD display.
- Ball bearing motor with built-in thermal protection and ball bearing drive end provides overload protection, extends motor life due to use of bearings over bushings, and isolates motor for quiet operation.
- Open/close/stop and setup keys included on control board. Keeps all controls near the LCD display convenient for set up.
- Electric box isolated from frame for reduced vibration.
- Quiet trolley carriage with wear pads eliminates the need to grease trolley rails.
- Uses common 2" rails used by the standard and heavy-duty trolley operators.

### Standard Features

- 11.5 inches per second door speed.
- EZ Limit® electro-mechanical limits.
- Max run timer automatically adjusts to up and down run time.
- TensiBelt® self-tensioning primary drive reduction.
- Delay on reverse.
- 16-character LCD display.
- UL 325 Listed.
- 3-button control station.
- 2-year/20,000-cycle warranty.
- Programmable mid-stop.
- Built-in cycle count and trouble-shooting assistance via LCD display.



For more information on patents related to this product, visit <https://www.geniecompany.com/patents>.

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OPENER  
of the  
Pro Football Hall of Fame



# GCL-MT | MEDIUM-DUTY TROLLEY OPERATOR

## MAX DOOR SIZE (SQ\*FT) - SECTIONAL

| Door Series |                     | Commercial Steel Insulated & Non-Insulated |            |             |            |            |            |               |                    | Thermospan® |              |            |                      | ThermoMark™    |                           |                        | Aluminum         |                          |
|-------------|---------------------|--|------------|-------------|------------|------------|------------|---------------|--------------------|-------------|--------------|------------|----------------------|----------------|---------------------------|------------------------|------------------|--------------------------|
|             |                     | 216  | 216 Ins.   | 220         | 220 Ins.   | 2415       | 2415 Ins.  | 2411          | 2411 Ins.          | 125         | 150          | 200        | 200-20               | 530            | 5150/5155                 | 5200/5255              | 451/K-AL         | 452/464/K-AL             |
|             |                     | Flush                                      |            | Ribbed      |            |            |            |               |                    | Insulated   |              |            |                      | Insulated      |                           |                        |                  |                          |
| Model       | Max Door Wt. (lbs.) | 16GA.                                      | 16GA. Ins. | 20GA. Steel | 20GA. Ins. | 24GA.      | 24GA. Ins. | Nominal 24GA. | Nominal 24GA. Ins. | PU-FIP      | PU-FIP 1.38" | PU-FIP 2"  | PU-FIP 2" 20GA. Ext. | PU-FIP Ins. 3" | PU-FIP Raised Panel 1/38" | PU-FIP Raised Panel 2" | 1/8" Glass 1.38" | 1/4" or 1/2" Glass 1.38" |
| 1/2 HP      | 620                 | <b>170</b>                                 | <b>120</b> | <b>230</b>  | <b>160</b> | <b>270</b> | <b>200</b> | <b>300</b>    | <b>256</b>         | <b>256</b>  | <b>240</b>   | <b>160</b> | <b>200</b>           | <b>256</b>     | <b>256</b>                | <b>210</b>             | <b>144</b>       |                          |

- Notes:
1. Max Door Weight and not the square footage, is the critical factor in selecting the proper operator.
  2. Max Door Height 14'
  3. For "Commercial Steel Insulated" category, various "backer" options are available. The chart above is based in all cases on the thickest backer available.
  4. "PU-FIP" stands for "polyurethane, foamed-in-place." If no notation is present, insulation is "polystyrene laid-in-place."

## Construction

- **Motor**  
1/2 HP, 120 VAC capacitor start/run motor. Motor replaceable without changing limits. Thermally protected.
- **Brake**  
24 VDC disc brake.
- **Drive**  
Primary — TensiBelt® auto tensioning poly-V J belt.  
Secondary — chain and sprocket reduction.
- **Friction Clutch**  
Adjustable clutch to help protect against door and operator damage.
- **Precision Radial Ball Bearings**  
Included in critical areas throughout the powertrain.
- **Rail Assembly**  
2" door track with nylon rail runners and chain guides.
- **Pre-wired to accept:**
  - Monitored entrapment device such as photo eyes.
  - Single or 3-button control stations.
  - External interlock switches.

## Accessories and Options

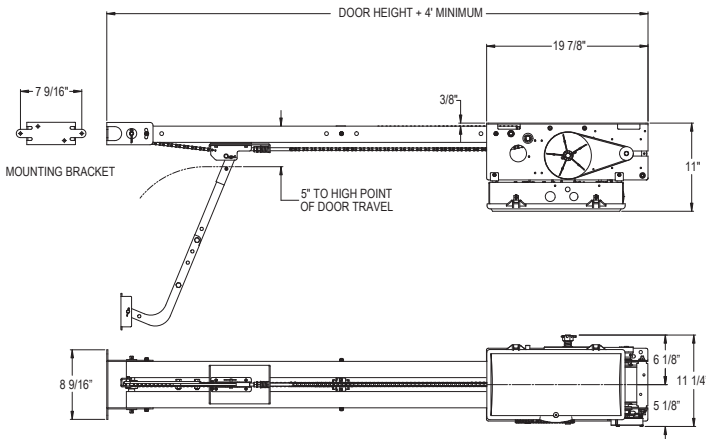
- **Timer Close Module**  
Timer close set via the LCD display from 2 seconds up to 5 minutes. Includes pre-close warning contacts, timer hold input, auxiliary open input, normally closed safety input, and T3 monitored edge input (P/N: OPABTCGX.S).
- **Auxiliary Output Module**  
Provides relay contacts at the open, close, and mid-stop limits. Contacts for 5-minute lamp, and "ADA" contacts set via LCD display to warn during opening, closing or both (P/N: OPABIOGX.S).
- **Edge Sensing Module**  
Input allows connection of a T3 monitored safety edge. When advanced timer close features are required, use the Timer Close Module (P/N: OPABESX.S).
- **UL 325 Approved Reversing Devices**  
The installation of a monitored external entrapment device is required for momentary contact close operation on all commercial door operators. The following devices, when purchased through Genie, are UL Approved for use to meet this requirement:
  - Safe-T-Beam® Photoeye Kit with adjustable bracket (P/N 38176R.S).<sup>1</sup>
  - Impact-protected Commercial Photoeye Kit (P/N OPAKPE2.S).
  - MillerEdge ME/MT/CPT (DC or T3) 2-wire edge sensor. Must be used with TCM (OPABTCGX.S), ESM (OPABESX.S), or Interface Module (OPAKMEIGX.S).
  - NEMA 4X Photocells (P/N: OPAKPEN4GX.S).
  - Retro-reflective NEMA 4X Photoeye Kit (P/N: OPGAKRPEN4X.S).
  - Monitored Light Curtains
    - 3 ft. length (P/N: OPAKMLC3.S).
    - 6ft. length (P/N: OPAKMLC6.S).
    - Light curtain mounting brackets (6 total) (P/N: 112809.0001.S).
- **Commercial Wi-Fi Module - Aladdin Connect®**  
This optional module plugs directly into the control board expansion port providing the operator with the ability to remotely monitor and control your commercial sectional garage door, with your smart device, from almost anywhere at any time while tracking the operation of your door (P/N: OPAKDCM.S).

<sup>1</sup> — Default device when operator is ordered.

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### AMPERAGE RATING 1PH 60Hz

| HP  | 120V |
|-----|------|
| 1/2 | 6.5  |



YOUR GENIE PROFESSIONAL DEALER:



The Genie Company, One Door Drive, Mt. Hope, Ohio 44660

[www.geniecompany.com/commercial](http://www.geniecompany.com/commercial) | 1.800.843.4084

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