

# GCL-MT

## MEDIUM-DUTY TROLLEY OPERATOR



The new Z Series GCL-MT is designed for standard-lift sectional doors that have a 15-cycle/hour or fewer duty 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

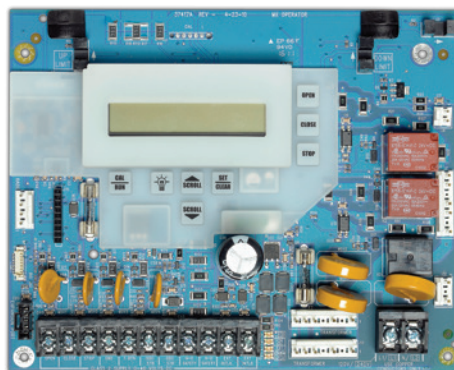
- Allows for monitored entrapment protection and momentary operation when used with select photocells and/or edge-sensing devices.

### 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.



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## 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	5150	5200	451	452
		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 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	170	120	230	160	270	200	300	256	256	240	160	256	256	210	144	

- 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

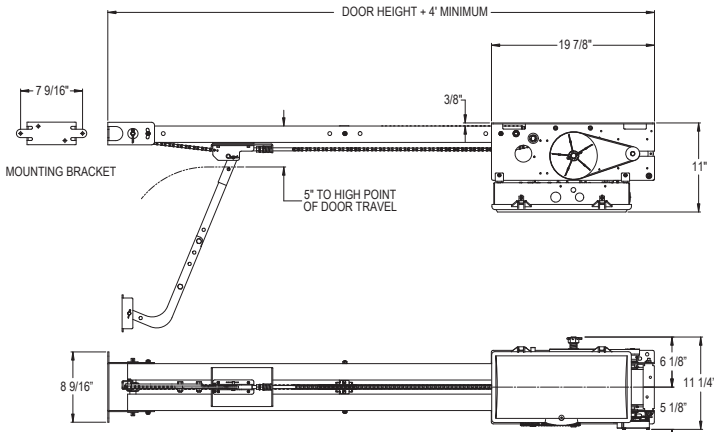
- Motor**  
 1/2 HP, 120 VAC capacitor start/run motor. Motor replaceable without changing limits. Thermally protected.
- Brake**  
 24 VDC disc brake.
- Drive**  
 Primary — TensiBelt® auto tensioning poly-V J belt.  
 Secondary — chain and sprocket reduction.
- Friction Clutch**  
 Adjustable clutch 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.
- 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. Only the following devices, when purchased through Genie, are UL approved for use to meet this requirement:
  - Safe-T-Beam® Photocell kit with adjustable bracket P/N: 38176R.S 1
  - Impact-protected Commercial Photocell Kit P/N: OPAKPE2.S
  - NEMA 4X Photocells P/N: OPAKPEN4GX.S
  - Retro Reflective NEMA 4X Photocells P/N: OPGAKRPEN4X.S
  - Monitored Light Curtains - 3' P/N: OPAKMLC3.S 6' P/N: OPAKMLC6.S
  - MillerEdge ME/MT/CPT (DC or T3) 2-wire edge sensor. Must be used with TCM (OPABTCGX.S), ESM (OPABEIX.S), or Interface Module (OPAKMEIGX.S).

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

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  
 Item MZ Series GCL-MT Rev. 3/22

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