

WMGOE2022018

# WORKMASTER<sup>®</sup>

WE FIND A WAY — OR MAKE ONE!



# GO-E2

## HOPPER CAR GATE OPENER



ChicagoVibratorProducts  
*Flow and Compaction*

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1-360-920-9411 Outside US & Canada

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The **GO-E2** is an electric-powered Gate Opener with a rotating platform (for a full 360° swivel) on a rolling carriage (to mount and slide along a secured-to-ground W-beam), utilizing pendant-controlled, instant Forward-Reverse action, and a telescoping drive shaft with both vertical and horizontal adjustment (to follow traveling gate and accommodate varied-height capstans). The GO-E2 is well suited for worksites that experience:

- Railcars that vary from easy-to-open to moderately difficult because they are well maintained and regularly repaired;
- Railcars with either fixed position or traveling gate mechanisms;
- Limited or no compressed air supply;
- Railcars with varied height capstan/gate mechanisms;
- Rough or uneven trackside terrain making Opener maneuverability an issue.

## THE GO-E2

THE GO-E2 USES A 5-HP MOTOR TO GENERATE A CONSTANT SPEED OF 34-RPM AND A POWER OUTPUT OF 2,000 LB-FT DURING SURGE AND 875 LB-FT DURING OPERATION.

### PENDANT CONTROL MOTOR STARTER

Pushbutton control up to 20' from railcar gate enables instantaneous forward/reverse jog of gear motor to rock open even stubborn gates.

### TELESCOPING DRIVESHAFT

Telescopes 40" to 82" (longer lengths available) and angles 50° vertical and horizontal to accommodate both traveling gate mechanisms and varied-height gates.

### CAPSTAN DRIVE FITTING

Precision-machined, 4140 tool steel, 1-piece step-tapered drive tip 1-1/4" x 1-1/2" sq shank using HD set-screw retainer will last through hundreds of gate openings.

### ROTATING PLATFORM ON ROLLING CARRIAGE

180° pivot enables opening hopper car gates on parallel tracks, and a 90° pivot enables safe, out-of-the-way drive shaft protection when not in use. The Rolling Carriage locates and locks-down the Opener directly opposite every gate, anywhere along the unloading site.

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### SPECIFICATIONS

|                           |  |
|---------------------------|--|
| <b>MODEL</b>              | GO-E2 Beam Mounted Gate Opener w/<br>Telescoping Drive Shaft       |
| <b>POWER</b>              | Electric; 230 / 460VAC / 60Hz                                      |
| <b>WORKING TORQUE</b>     | 2000 lb-ft at 34 RPM   |
| <b>MOUNT ASSEMBLY</b>     | Beam Mount: Fixed Position or Rolling<br>Carriage                  |
| <b>DIMENSIONS</b>         | Motor: 24"W x 26"L x 13"H;<br>TDS*: 40" compressed to 82" extended |
| <b>HEIGHT ADJUSTMENT</b>  | TDS* Lift-on to accommodate any<br>Capstan height                  |
| <b>FINISH COATING</b>     | Acrylic Enamel over Polyurethane                                   |
| <b>INCLUDED</b>           | (1) Drive Fitting; (1) Manual                                      |
| <b>GATE OPENER WEIGHT</b> | Motor: 150 lbs; TDS*: 68 lbs;<br>Control Package: 21 lbs           |
| <b>SHIPPING WEIGHT</b>    | 290 lbs  |

\*TDS: Telescoping Drive Shaft

### Workmaster® line of Hopper Car Unloading Products

ranging from our wide selection of gate openers and railcar vibrators to our railcar pocket-to-undertrack-conveyor connectors, offers total solutions to the vexing problems of unloading hopper cars.



### 1-WORKER POSITIONING & OPERATION

To enable greater productivity and reduced man-power planning.

### EASY-LIFT, MANUAL HEIGHT ADJUSTMENT

To easily compensate for differing height gates, or variations in unloading site docks or platforms.

### INVERTER DUTY 5-HP MOTOR

To provide low noise, low maintenance, and high durability. Manufactured to AGMA Class 3 standards allows 275% momentary overload capacity.

### ECONOMICAL TO PURCHASE

To meet even the tightest budget when an electric powered Gate Opener is required.

### OPERATES AT 66dBA

To accommodate noise restrictions at plant and unloading site operations.

### HEAVY DUTY, CUSTOM TELESCOPING DRIVE SHAFT

To meet the high torque, long life, and ease of maintenance requirements of a Hopper Car Gate Opener.



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**WORKMASTER®** is a manufacturer of labor savings bulk material handling tools to help safely and efficiently unload, transport, store and process bulk solids from hopper bottom railcars, bulk trailers, bins, silos and chutes. To help Customers gain maximum benefit from our bulk materials handling tools and equipment, we also supply a complete line of operating, mounting, and maintenance products and accessories, such as Timers and Motor Controls, Vibrator Mounts, and Lubricating Oils to help keep your unloading site tools running longer and more efficiently. WORKMASTER products help Customers work more safely and efficiently, increase the lifespan of production-critical equipment, and decrease operating and maintenance costs of tools and equipment used in some of Industry's most dangerous, difficult, and dirty jobs.



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