

# WORKMASTER®

WE FIND A WAY — OR MAKE ONE!



# GO-M3

## HOPPER CAR GATE OPENER

Master Distributor

**AIRMA TIC**  
WE'LL HANDLE IT.

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## GO-M3

### HOPPER CAR GATE OPENER

The **GO-M3** is a manual-powered, hand-portable, compact Gate Opener that rests on the ground when being used. The GO-M3, a heavy-duty torque multiplier, uses planetary gear action to enable an operator to simply turn a ratchet wrench to open gates. The GO-M3 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;
- Compressed air or other power is not available or limited;
- Majority of railcars have fixed position gate mechanisms;
- Trackside surface is level, smooth, and unobstructed;
- Narrow decks or platforms that preclude wheeled-cart or beam-mounted Opener;
- Site security requires portable, easy removal and storage of tools and equipment.

### THE GO-M3

THE GO-M3 GENERATES AN OPERATOR PACED POWER OUTPUT OF 3,200 LB-FT WITH ONLY 173 LB-FT OF INPUT POWER.

#### VERSATILE POWER INPUT

Allows the GO-M3 to accept either a manual ratchet wrench drive input tool or an air powered ratchet wrench drive input tool.

#### BUILT-IN ANTI-BACKLASH TORQUE HOLDING DEVICE

Enables the GO-M3 to maintain input torque when using a manual crank handle or air-powered ratchet wrench drive tool.

#### CONTROLLED-SHEAR, EASY-TO-REPLACE OUTPUT SQUARE DRIVE

Protects against overloading the GO-M3 power train by shearing at 3-10% over the 3,200 lb-ft rated capacity.

#### LOW INPUT TORQUE

Enables one worker to safely and easily generate the job required torque with the GO-M3 kit's 1/2" drive ratchet wrench.

#### CAPSTAN DRIVE FITTING

Precision-machined, 4140 tool steel, 1-piece construction with 1" sq socket using 1-piece Ret-Ring Retainer opens hundreds of gates.

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### SPECIFICATIONS

MODEL	GO-M3 Portable Gate Opener
POWER	Manual; Input Torque
WORKING TORQUE	3,200 ft-lb Output @ 173 lb-ft Input
TORQUE RATIO	18.5:1 ft-lb
DIMENSIONS	14"L x 4"W x 19.6"H (w/Drive Fitting & Reaction Arm)
HEIGHT ADJUSTMENT	Lift-on portability to accommodate any Capstan height
OUTPUT DRIVE	1" Male Square Drive
INPUT DRIVE	½" Female Square Drive
FINISH COATING	Acrylic Enamel Coat Finish
INCLUDED	(1) Drive Fitting w/ 1-Piece Retaining Ring; (1) Ratchet Wrench (1/2" Sq Dr); (1) 1" Sq Dr Spare Anvil; (1) 3/32" Allen Wrench; (1) HD Carrying Bag; (1) Manual
GATE OPENER WEIGHT	18.3 lbs
SHIPPING WEIGHT	34 lbs

### VIRTUALLY NOISELESS OPERATION

To accommodate noise restrictions at plant or unloading site operations.

### ANODIZED COAT FINISH

To reduce rust and corrosion in harsh environments.

### NON-IMPACTING

To eliminate vibration which makes the Opener comfortable and safe to use.

### STURDY CARRYING BAG

To allow convenient storage, and easy to transport to/from the unloading site.

### SMOOTH, CONTINUOUS FORCE

To facilitate steady, controlled gate opening without concern for wear of gate mechanism.

### ECONOMICAL TO PURCHASE

To meet even the tightest budget when a lightweight, portable Gate Opener is require.

### LIGHTWEIGHT PORTABILITY

To enable one worker to easily carry and position this 22 lb powerhouse and thereby improve safety, increase productivity, and reduce manpower planning.

### 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.





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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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