

WORKMASTER®

WE FIND A WAY — OR MAKE ONE!



GO-M3

HOPPER CAR GATE OPENER

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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:



GO-M3

- 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; to provide the necessary support for the required torque reaction safety bar (Customer Supplied)
- Narrow decks or platforms that preclude wheeled-cart or beam-mounted Opener;
- Site security requires portable, easy removal and storage of tools and equipment.

GO-M3 GENERATES AN OPERATOR PACED POWER OUTPUT OF 3,200 LBS-FT WITH ONLY 173 LBS-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 input 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 lbs-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 opens hundreds of gates.

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SPECIFICATIONS

MODEL	GO-M3 Portable Gate Opener
POWER	Manual; Input Torque
WORKING TORQUE	3,200 lbs-ft Output @ 173 lbs-ft Input
TORQUE RATIO	18.5:1 lbs-ft
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/ Pin & O-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
WEIGHT	27.3 lbs w/ Drive Fitting & Ratchet Wrench
SHIPPING WEIGHT	36 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 a budget concern when a lightweight, portable Gate Opener is required.

LIGHTWEIGHT PORTABILITY

To enable one worker to easily carry and position this 27 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 railcar gate openers to our railcar vibrators, we offer total solutions to the vexing problems of unloading hopper cars.



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WORKMASTER specializes in manufacturing labor-saving bulk material handling tools designed to facilitate the safe and efficient unloading, transport, storage, and processing of bulk solids. Catering to the needs of the agriculture, manufacturing, mining, and concrete construction sectors, **WORKMASTER** provides a distinctive line of bulk solids handling equipment. Our innovative products empower plant workers to safely accomplish tasks effortlessly and swiftly such as opening and unloading hopper bottom railcars and dry bulk trailers, ensuring the smooth flow of material from bins and silos, and improving the consolidation and finishing of freshly poured concrete through form, table, and surface vibration techniques. Our products play a pivotal role in enhancing safety and efficiency for our customers, while also extending the lifespan of critical production equipment. By reducing operating and maintenance costs, our tools prove invaluable for tackling some of the industry's most hazardous, challenging, and demanding tasks.



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