

GO-M3 HOPPER CAR GATE OPENER

The **GO-M3** is a manual-powered, hand-portable, compact Gate Opener that rests on the ground while engaged in a railcar capstan. 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: (1) railcars that vary from **easy to moderately-difficult to open** range because they are well maintained and regularly repaired; (2) compressed air or other power is not available or limited; (3) majority of railcars have fixed position gate mechanisms; (4) trackside surface is level, smooth, and unobstructed (for cars with traveling gate mechanisms); (5) narrow decks or platforms that preclude wheeled-cart or beam-mounted Opener; (6) site security requires portable, easy removal and storage of tools and equipment.

The **GO-M3** generates an operator paced power output of 3,200 ft-lbs with only 173 ft-lbs 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

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 ft-lbs 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-pc Ret-Ring retainer opens hundreds of gates

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

SMOOTH, CONTINUOUS FORCE to facilitate steady, controlled gate opening without concern for wear of gate mechanism.

VIRTUALLY NOISELESS OPERATION to accommodate noise restrictions at plant or unloading site operations.

ECONOMICAL TO PURCHASE to meet even the tightest budget when a lightweight, portable Gate Opener is required.

ANODIZED COAT FINISH to reduce rust and corrosion in harsh environments.

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.

NON-IMPACTING to eliminate vibration which makes the Opener comfortable and safe to use.



GO-M3 SPECIFICATIONS

STURDY CARRYING BAG to allow convenient storage, and easy transport to/from the unloading site.

MODEL	GO-M3 Portable Gate Opener
POWER	Manual Input Torque
WORKING TORQUE	3,200 ft-lbs Output at 173 ft-lbs Input
TORQUE RATIO	18.5:1 ft-lbs
DIMENSIONS	14"L (with Drive Fitting) x 19.6"H (with Reaction Bar)
HEIGHT ADJUSTMENT	Lift-on portability to accommodate any capstan height
OUTPUT DRIVE	1" Male Square Drive
INPUT DRIVE	1/2" Female Square Drive
FINISH COATING	Acrylic Enamel Coat Finish
INCLUDED	(1) Capstan Drive Fitting w/pin & ring retainer; (1) Ratchet Wrench (1/2" Sq Dr); (1) 1" Sq Dr Spare Anvil; (1) 3/32" Allen Wrench; (1) Sturdy Carrying Bag; (1) Manual
GATE OPENER WEIGHT	18.3 lbs
SHIPPING WEIGHT	34.0 lbs

The **WORKMASTER**® line of unloading products, from our wide selection of gate openers and pneumatic pocket vibrators to our pocket to undertrack conveyor connectors, offers total solutions to the vexing problems of unloading hopper cars.