

WORKMASTER®

WE FIND A WAY — OR MAKE ONE!



GO-A8-PW

HOPPER CAR GATE OPENER

Address: 284 Three Tun Rd.
Malvern PA, 19355
Phone: 267.350.2809
Email: info@workmaster.net



The **GO-A8-PW**, the flagship of our line, is an air-powered Gate Opener on a wheeled-cart with pneumatically controlled pivot wheels (to follow traveling gate or moving train), and manual height adjustment (to accommodate varied-height capstans). The GO-A8-PW is the wise choice for worksites which experience:

- Railcars with gates that vary from easy-to-open, to extremely difficult, found on cars not well-maintained or regularly repaired;
- Railcars with either fixed position or traveling gate mechanisms;
- Rough or uneven trackside terrain making Opener maneuverability an issue;
- Railcars with varied-height capstans/gate mechanisms;
- Railcars in long unit trains which require rapid opening/closing during continuous movement unloading.

THE GO-A8-PW

FEATURES A CONTROLLABLE SPEED OF 100- TO 1,400-RPM, AND A NO-TORQUE REACTION, SELF-REGULATING POWER OUTPUT OF 1,000 TO 13,000 LBS-FT TO OPEN ANY GATE IN < 8 SECONDS!

INCLUDED WITH PURCHASE:

CAPSTAN DRIVE FITTING

Open hundreds of slide gates with this precision-machined, 4140 tool steel, 1-piece drive fitting with 1-1/2" sq socket x 1-1/2" to 3/4" taper

1" FILTER / REGULATOR w/ GAUGE / LUBRICATOR

Reduce maintenance while guaranteeing critical wear components receive clean air, controlled PSI air pressure, and regular lubrication

TOOL-LUBE Air Tool Oil

Keep Gate Opener properly lubricated with air tool oil specifically formulated for lubricating impacts and other heavy-duty air tools

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SPECIFICATIONS

MODEL	GO-A8-PW Pivot Wheel Gate Opener
POWER	Pneumatic; Requires 148 CFM @ 85 PSI (free); 114 CFM @ 85 PSI (impacting)
WORKING TORQUE	1,000 to 13,000 lb-ft of recoilless, self-regulating torque at 1400-RPM
WHEEL ASSEMBLY	16" Dia w/ 4.80 / 4.00 - 8", Flat-Free, Solid Polyurethane Tires, Knobby Tread
OVERALL DIMENSIONS	50"L x 42"W x 42"H
HANDLE WIDTH	30"W; Fitted with Handle Grips
HEIGHT ADJUSTMENT	Height Adjustable Forks: 10.5", 12.5", 14.5" from Ground to Capstan
TOOL CONTAINER	5"L x 12"W x 6"D
INLET COUPLING	Universal Coupling (Chicago Type) with Safety Lock Pin
FINISH COATING	Baked-on, Powder Coat Finish
INCLUDED	(1) 1" FRL Assembly; (1) Drive Fitting w/ Pin & Ring Retainer; (1) Qt TOOL LUBE™ Air Tool Oil; (1) O/O Manual; (1) Maint & Repair Manual
GATE OPENER WEIGHT	306 lbs w/ Drive Fitting
SHIPPING WEIGHT	602 lbs approx

PRECISE WEIGHT DISTRIBUTION

To provide excellent balance and control which minimizes operator fatigue and maximizes safety.

AIR-POWERED PIN LOCK PIVOT WHEELS ROTATE SMOOTHLY INTO POSITION

To ensure operator safety while maneuvering the Opener, or when used on traveling gates.

SELF-REGULATING, NO TORQUE REACTION OUTPUT OF 1,000 TO 13,000 LB-FT

To open even the most jammed gate in < 8 seconds.

AIR-POWERED DRIVER MOTOR & CONTROLS

To eliminate risk of explosion, electrical shock and hydraulic fluid leaks and burns; To provide instant start/stop operation.

ENGINEERED & FABRICATED FOR RUGGED USE

To ensure dependable service. Steel frame uses laser cut members, welded to AWS & ANSI Standards.

BAKED-ON POWDER COAT FINISH

To prevent rust and corrosion caused by weather and harsh environments.

AIR-POWERED PIVOT WHEELS

2-position toggle switch allows oversized, flat-free, solid tires to manually pivot 90° to follow capstan movement on traveling gates.

OIL CADDY & TOOL STORAGE UNIT

Tool Storage Container to hold drive fitting, drive extensions, swage kit and TOOL-LUBE oil.

ERGONOMIC CONTROLS

Ergonomically positioned, self-closing, speed control throttle; Positive on/off pivot wheel switch; Forward/Reverse air motor lever arm.

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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