

# WORKMASTER®

WE FIND A WAY — OR MAKE ONE!



# CAR ROCKER™

## RAILCAR VIBRATORS



**ChicagoVibratorProducts**  
*Flow and Compaction*

1-800-842-7284  
1-360-920-9411 Outside US & Canada  
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## CAR ROCKER™ RAILCAR POCKET VIBRATORS

The **CR-Series of CAR ROCKER™ Pneumatic Railcar Vibrators** are available in three (3) sizes of CRR Dual Roller Vibrators and one (1) size of CRT Turbine Vibrator (pg 4 & 5). The CAR ROCKER Series provides an unsurpassed range of fast, high force vibrators capable of unloading any material from any railcar.

The name CAR ROCKER was coined because these Vibrators have a unique ability to provide the extreme power needed for complete and rapid hopper car unloading.

Both the three (3) CRR (Roller) models and the one (1) CRT (Turbine) model are sold as assemblies each with a Vibrator; a QC Cradle Lug Male Wedge Bracket; a Removable Easy-Grip Side-Handle; and a 2' Hose Whip fitted with a Universal (Chicago Type) Coupling.



### CAR ROCKER ROLLER MODELS

CRR-50 CAR ROCKER generates 14,000 VPM & 9,750 lbf-ft @ 80PSI;  
CRR-60 CAR ROCKER generates 12,000 VPM & 10,395 lbf-ft @ 80PSI;  
CRR-70 CAR ROCKER generates 11,000 VPM & 14,500 lbf-ft @ 80PSI.

#### IMPROVE BULK SOLIDS HANDLING EFFICIENCY

These high-frequency, high-force, heavy-duty Vibrators were originally developed for the difficult job of rapidly consolidating and surface finishing concrete in the precast industry over 55 years ago, but have now been successfully used for unloading railcars for over 40 years.

#### WIDE RANGE OF APPLICATIONS

In addition to unloading railcars and consolidating concrete and refractories, CAR ROCKER Vibrators are used extensively on large hoppers, bins, chutes, molds, screens, forms, and tables to keep the most stubborn of materials flowing freely.

#### HEAVY-DUTY CONSTRUCTION

A cast iron housing with hardened steel end-plates, machined steel rollers, and a specially formulated phenolic air motor vane work in concert to extend the life of the Vibrator in the harshest of applications, whether that be weather, dirt, or poor air supply.

#### EASY-GRIP HANDLE

The replaceable comfort-grip side-handle makes it even easier for one man to move any CAR ROCKER from railcar pocket to pocket or in other applications from job to job.

#### GUARANTEED PERFORMANCE

The CRR-Series Vibrators are guaranteed to both energize stubborn material and maintain flow completely and rapidly or the CRR can be returned for credit.

# CAR ROCKER™

## RAILCAR ROLLER VIBRATORS

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The **CRR-Series Assemblies** include: a VRH Vibrator; a QC Cradle Lug Male Wedge Bracket; a removable Easy-Grip Side Handle; a 2' Hose Whip fitted with a universal (Chicago type) coupling. The Assembly makes it simple for a worker to easily lift On/Off and move the Vibrator from pocket to pocket.

## SPECIFICATIONS

MODEL	60 PSI			80 PSI			WGT LBS
	VPM	LBF-FT	CFM	VPM	LBF-FT	CFM	
CRR-50	11000	5500	54	14000	7020	60	65.00
CRR-60	10000	8700	49	12500	10395	62	69.00
CRR-70	9200	13300	60	11000	14580	68	69.00

## CAR ROCKER ASSEMBLY BREAKDOWN

- ① VRH (050)(060)(070) Vibrator
- ② Cradle Lug Male Wedge Bracket
- ③ Easy-Grip Bolt-on Side Handle
- ④ 2' Hose Whip Fitted

VIBRATOR ASSEMBLIES	PART#
CRR-50 ASSEMBLY	16-17119
CRR-60 ASSEMBLY	16-17120
CRR-70 ASSEMBLY	16-17121





The **CRT-65 Car Rocker™ High Frequency Turbine Vibrator** uses a unique, urethane-encapsulated, turbine that produces more power **with less noise** than any other high-frequency/high force pneumatic turbine vibrator on the market. With an output of over 10,000 force lbs, depending on the application, the Car Rocker High Frequency Turbine Vibrator delivers twice the force output, while using half the CFM of the most powerful competitive models.

### CAR ROCKER TURBINE MODEL

The CRT CAR ROCKER™ Tubine generates 9,300-VPM and 10,560 lbf-ft at 80-PSI.

#### REDUCE NOISE

Testing proves noise level up to 10 dB less than competitive models, and within OSHA noise limits.

#### MOVES MORE MATERIAL

Larger unbalance creates greater force output to move your material.

#### REDUCE MAINTENANCE COSTS

Long-life, high-speed sealed bearings need no lubrication.

#### ONE-WORKER PORTABILITY

Built-in handle provides easy portability for use in railcar unloading.

#### REDUCE OPERATING COSTS

More power, lower air consumption, and longer life than competitive models cuts your lifetime cost of ownership.

#### GUARANTEED PERFORMANCE

Our High Frequency Turbine Vibrator must work to your complete satisfaction or it can be returned for full credit.



# CAR ROCKER™

## RAILCAR TURBINE VIBRATOR

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### SPECIFICATIONS

MODEL	60 PSI			80 PSI			WGT LBS
	VPM	LBF-FT	CFM	VPM	LBF-FT	CFM	
CRT-65	8500	8615	25	9300	10,560	28	68

### CAR ROCKER TURBINE ASSEMBLY BREAKDOWN

- ① HFTV-Model Vibrator
- ② Cradle Lug Male Wedge Bracket
- ③ Easy-Grip Bolt-on Side Handle
- ④ 2' Hose Whip Fitted



VIBRATOR ASSEMBLY	PART#
CRT-65 ASSEMBLY	16-17122

### 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.



**PN: 32-17320**

## WEDGE MOUNT CRADLE LUG BRACKET

WORKMASTER's **WEDGE MOUNT CRADLE LUG BRACKET** is the highest quality mount available. The Bracket's heavy-duty, cast steel construction, and the Easy Grip, Bolt-On Side Handle makes it long lasting, faster, and easier to move the Vibrator Assembly from Pocket-to-Pocket.



**LG SA FEMALE  
WEDGE BRACKET**  
**PN: 32-17330**

## HOPPER CAR POCKET BRACKETS

WORKMASTER's Weld-On **HOPPER CAR POCKET BRACKETS** provides an easily installed mounting pocket that transmits maximum vibration from the vibrator to the railcar. Always keep a pair of either of these cast iron brackets at your unloading site and you'll never be slowed by missing or damaged brackets again!

**FEMALE WEDGE  
BRACKET**  
**PN: 32-17327**



## FRL ASSEMBLY w/ CARRIER

WORKMASTER's **FRL ASSEMBLY** protects your vibrator by Filtering, Regulating, and Lubricating your air supply. Weighing only 23-lbs, the FRL Assembly is housed in a rugged frame which can be easily transported to and from the unloading site. Continuous use of this FRL Assembly will keep your air-operated railcar Vibrators, Gate Openers, or other pneumatic tools operating efficiently, extend their life, and conserve plant air.

- Universal Fittings
- 2" Dia Gauge; 0 -160 PSI
- 40-Micron Filter
- 16-oz Metal Reservoir Bowl



**PN: 82-10330 (1")**  
**PN: 82-10329 (3/4")**  
**PN: 82-10328 (1/2")**

# ROLL-A-VIBE® VIBRATOR LIFT CART

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The **ROLL-A-VIBE®** practical and economical portable **Vibrator Lift Cart** is a lightweight, highly maneuverable method of transporting and placing any make/model of railcar vibrator into a hopper car pocket bracket. The **ROLL-A-VIBE™** **Vibrator Lift Cart** is designed to reduce employee injuries and increase productivity.

Leverage-efficiency and ease-of-operation make the **ROLL-A-VIBE** **Vibrator Lift Cart** the preferred method of handling railcar vibrators at any hopper bottom railcar unloading site by eliminating the manual lifting and maneuvering of any Air or Electric Railcar Vibrators.

**SHOWN: PN: 30-20030**  
ROLL-A-VIBE w/ Carrier  
Head f/ Roller &  
Turbine Vibrators

## ROLL-A-VIBE

Eliminate back and hand injuries caused by lifting and moving railcar vibrators.

## ROLL-A-VIBE

Quick disconnect design allows Roller, Turbine, and Piston Vibrator Carrier Heads to be interchanged Easily and Rapidly!

**AVAILABLE:**  
Detachable  
Carrier Heads f/  
Roller, Turbine, or  
Piston Carrier  
Heads.

Easily roll the Vibrator to the Car and place it into the Hopper Car Pocket Bracket. When the Car is empty, easily lift the Vibrator out of the Pocket and store the unit for next use.



**AVAILABLE: PN: 34-10010**  
ROLL-A-VIBE w/ Carrier  
Head f/ Piston Vibrators



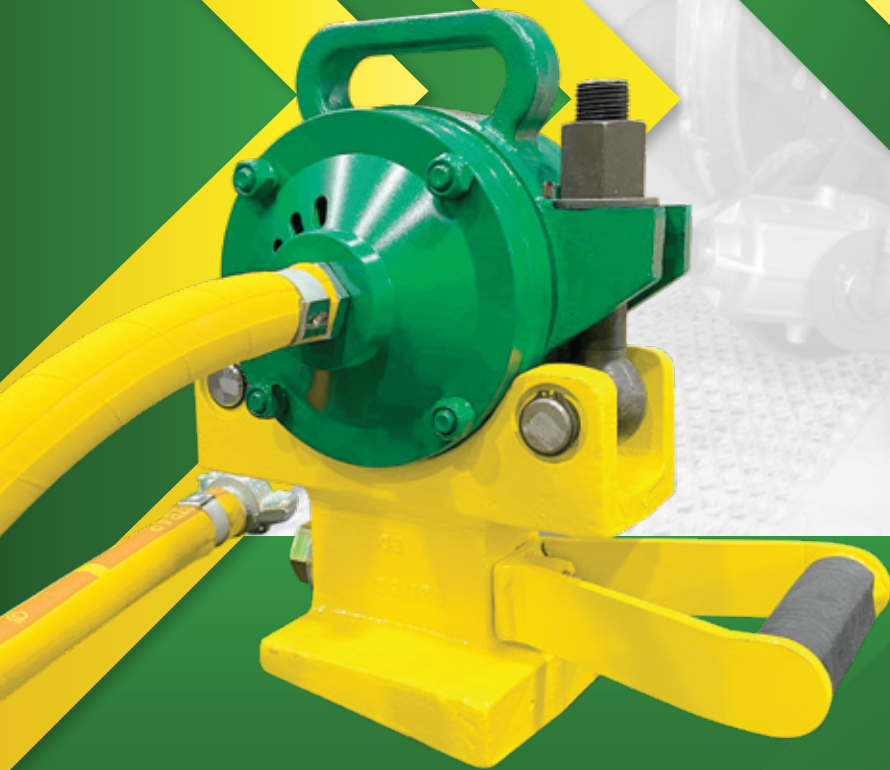
**SHOWN: PN: 30-10015**  
ROLL-A-VIBE w/ Carrier  
Head f/ Roller &  
Turbine Vibrators



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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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