### TECHNICAL DATA SHEET



# Martin<sup>®</sup> 3-inch Impacting Railcar Vibrator

This lightweight vibrator combines an impacting linear vibrator with a unibody/wedge. The <u>Martin® 3-inch Impacting Railcar</u> <u>Vibrator</u> provides up to 2024 lbs (918 kg) of force to unload stubborn materials.



- Easy to Handle
   Lightweight vibrator with handle makes mounting/
   dismounting a "no-strain" procedure.
- Saves Your Energy Air-efficient design operates on air supply from 40 to 80 psi (2.8 to 5.5 bar); consumes 35 cfm at 80 psi (425 L/min at 5.5 bar).
- Guaranteed Performance Impacting Vibrator is covered by Martin Engineering's Absolutely, Positively, No Excuses Guarantee.

### ACCESSORIES

Description	Part Number		
Female Wedge Bracket (LBF)	12735		
Control Line Kit	39504		
Air Motor Oil (qt)	14766		

## BENEFITS

- Improves Efficiency Linear vibrator provides powerful force to boost material flow.
- Small But Mighty Compact vibrator and mount assembly provides plenty of power to unload stubborn materials.
- Gives Your Back a Break
   Vibrator and wedge system weighs only 49 lb (22 kg),
   reducing risk of injury from manhandling large, unweildy
   vibrators into railcar brackets.

#### NOTE

For extended life and optimum performance the air source should be filtered, regulated (80 psi max.) and lubricated (1 - 2 drops/min) within 25 feet of the vibrator.

#### SPECIFICATIONS

Model	P/N	Piston	Air Pressure	CFM	VPM	Force	Weight
Martin <sup>®</sup> 3-inch Impacting Railcar Vibrator	AP5-300RC	3"	40 psi	16.2	2800	1224 lbs	49 lbs
			60 psi	20.8	3100	1500 lbs	
			80 psi	30.5	3600	2024 lbs	



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COMPANY WITH QUALITY SYSTEM CERTIFIED BY DNV GL = ISO 9001 =

**Problem Solved**<sup>™</sup> Guaranteed!