



# Press Release

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## **AIR-OPERATED TRANSPORTER QUIETLY MOVES 125 LBS OF MATERIAL AT VARIABLE SPEEDS OF 15 TO 40 FEET PER MINUTE**

**PORT ROYAL PA** -- The Model 450 Air-Operated Transporter, manufactured by Vibro Industries, is innovatively designed to transport a wide range of materials quietly and efficiently, without the downtime usually attributed to conventional conveying systems. Capable of moving 125 pounds at speeds from 15 to 40 ft/min, it can accept linear scrap from punch presses, lathes and other machine tools, and can also be applied to other conveying applications.

The Model 450 has a total capacity of 170 pounds, plus 60 pounds of tray weight, so multiple trays can be mounted on a single unit to replace several conventional belt conveyors. It is easily adaptable to existing production lines, and its lightweight (30 lbs.), compact design enables installation in cramped, congested areas.

The concept driving the Vibro Air-Operated Transporter is a pneumatic cylinder that operates on air pressure to move the product-tray back and forth, causing the material to steadily advance. The material advances on the slow-acceleration forward stroke, but remains stationary during the rapid return stroke – ensuring a constant progression. This provides a safe, reliable and effective means of product handling. Eliminating the need for conventional conveyors reduces the downtime typically required for clean-up, maintenance and repair.

Options for the Model 450 include: motion sensors for automatic shutoff; cover guards for harsh environments, quick-release clamps for fast tray removal; and adjustable bearing supports for trays.

Vibro Industries, headquartered in Port Royal, PA, manufactures a premium line of Air-Operated Transporters – the only transporter line that is 100% air operated and 100% American made. Leroy Johnson, president, introduced the first Vibro Air-Operated Transporter in 1985, following 12 years of extensive experimentation and rigorous testing. Since that time, Vibro Air-Operated Transporters have been successfully applied to a long list of manufacturing applications around the world.

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Photo Caption:

The Model 450 Air-Operated Transporter, from Vibro Industries, Port Royal, Pa., significantly reduces the downtime required for scheduled and emergency cleanup and maintenance required by chain-driven and mechanical-spring conveying systems.