

Empire Introduces Its Pro-Loader Bulk Media Transport System

EMPIRE'S PRO-LOADER is designed for bulk media transfer with no lifting and a minimum of attention by an operator. The system consists of a 55-gallon or 30-gallon drum-lid, drum-empty sensor, and an adjustable carburetor pick-up tube. A customer supplied bulk media steel barrel or cardboard drum can be used for media replenishment. The drum-lid is secured to the barrel/drum by a lever-lock closing ring and a 1½" heavy-duty Exair Line Vac™ siphons media out of the barrel/drum into the transport hose. The drum-empty sensor is programmed to automatically sense when the storage hopper is low and siphons fresh media into the blast system.

Empire's Pro-loader design takes inspiration from our Vacutrans® and Vacuum Recovery System (VRS). The adjustable carburetor pick-up tube found on the VRS siphons fresh media out of a barrel/drum, thus negating the need for an operator to pour media into a replenishing hopper. By enabling media recovery via a barrel/drum, Empire's Pro-Loader eliminates the need to collect media manually, resulting in safer and cleaner blasting.

Pro-Loader Components:

55 Gallon or 30 Gallon Drum-Lid

The drum-lid features rugged welded construction and a durable finish.

Lever-Lock Closing Ring, 55 Gallon or 30 Gallon

The closing ring overlaps to ensure the seal completely encircles the lid and eliminates gaps.

Exair Line Vac™ – Heavy Duty 1-1/2"

The compressed air operated Exair Line Vac™ connects to the 1-1/2" media transport hose to create a powerful in-line conveyor material handling system.

Adjustable Carburetor Pickup Tube

Designed for bulk media transfer, with a minimum of attention by an operator.

Media Transport Hose, 1-1/2"

Conveys fresh media from the customer supplied barrel/drum to the blast system.

Drum-Empty Sensor

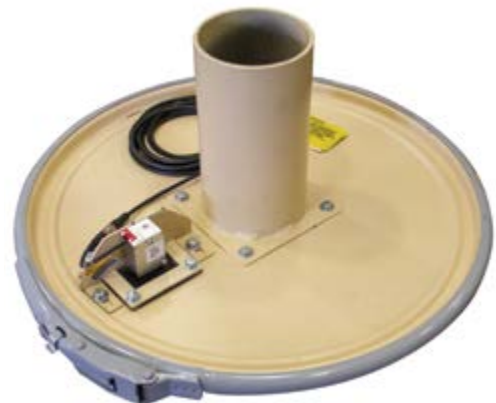
Programmed to automatically sense when the storage hopper is low; a sensor will also be provided to alert the operator that their drum (fresh media) is low.

Compressed Air Regulator and Gauge

Regulates compressed air drawn from the blast system to the Exair Line Vac™.



30-Gallon Drum Lid



55-Gallon Drum Lid



Pro-Loader System

Adjustable Carburetor
Pick-up Tube