

# THE "STRIPPER"



## **BLAST-IT-ALL®**

LARRY HESS & ASSOCIATES, INC.  
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185 PIPER LANE  
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# THE BLAST-IT-ALL<sup>®</sup> "STRIPPER"



The reclaim is located on the top of the PMS unit above the debris screen. The media and dust is separated at this point. The dust and finer particles are rejected and transferred to the bag type dust collector. All media falls through the debris screen where larger paint chips and debris are collected. The reusable media then is directed to the media storage hopper above the pressure pot. A platform is provided for service and cleaning of the debris screen.

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The media hopper has a sight gauge to show how much media is in the hopper. This helps prevent over filling of the unit that could waste or reject good media. The media hopper holds 1000 pounds of media that automatically refills into the pressure pot when the pot is depressurized.

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The 6 cu. ft. pressure blast machine is designed for this intended purpose. The vessel is designed in accordance with ASME Section VIII, Division 1 requirements for unfired pressure vessels. The machine allows for automatic filling of media when the vessel is depressurized. Closure of this filling valve entails a rubber to rubber seal to ensure a leak-proof seal. An inverted semi-elliptical head is used in the top section to allow storage of media for entry into the vessel. A 60 degree cone is used for the lower section to allow smooth even flow of media to the metering valve. A 6" X 8" hand-hole is provided for maintenance and inspection access. The machine is fitted with remote control valves that allow the operator to start and stop the blasting process from the nozzle. The adjustable media flow control valve is mounted at 90 degree to the air stream for minimal turbulence as media enters in the air/blast media flow.

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## SPECIFICATIONS

### PMS 9400 RECOVERY UNIT

#### **BLOWER**

- 7 1/2 HP TEFC MOTOR, 230/460 V, 3PH
- DIRECT DRIVE
- RATED AT 900 CFM @ 20" WC

#### **DUST COLLECTOR**

- 900 CFM RATED
- 42 CLOSED TOP COTTON SATEEN DUST BAGS
- DOUBLE SPRING SEALED CONNECTED FOR POSITIVE DUST SEAL AT BOTTOM
- MANUAL BAG SHAKER
- DUST COLLECTOR SUMP
- SLIDE GATE FOR DUST REMOVAL
- EASY ACCESS DOOR FOR BAG INSPECTION
- CABINET CONSTRUCTED OF HIGH QUALITY 14 GA. STEEL

#### **RECLAIMER**

- 24" DIAMETER, CYCLONE
- EXTERNALLY ADJUSTABLE MEDIA AIR WASH
- CONSTRUCTED OF HIGH QUALITY 12 GA. STEEL
- REMOVABLE TRASH SCREEN, WITH AIR VIBRATOR
- 20 CU. FT. STORAGE HOPPER LOCATED DIRECTLY ABOVE PRESSURE POT

#### **PRESSURE POT**

- 6 CU. FT. CAPACITY PRESSURE POT
- 60 DEG. CONICAL BOTTOM DESIGNED FOR PLASTIC MEDIA
- ADJUSTABLE REGULATOR FOR BLAST PRESSURE
- INLET AIR VALVE
- BIA PINCH PURGE OUTLET CONTROL
- PNEUMATIC DEADMAN CONTROLS
- 50 FT. BI-LINE CONTROL HOSE
- 50 FT. 1 1/4" LIGHT WEIGHT ABRASIVE RESISTANT BLAST HOSE
- ADJUSTABLE MEDIA CONTROL VALVE
- MEDIA AERATOR
- CHOKE VALVE

#### **STAND**

- 3 FT. X 8 FT. LONG TALLEST POINT OF RECLAIMER 14 FT.

#### **WEIGHT**

- SHIPPING WEIGHT APPROXIMATELY 2,800 LBS.

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A low-profile sweep in is used to collect the spent media. The outlet on the unit has an adjustable air inlet to provide smooth media flow. The unit has a perforated plate with an air powered vibrator.

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A high static fan rated at 900 CFM @ 20" WC is used to convey the blast media. The fan is driven by a 7 1/2 HP TEFC direct drive motor. On the outlet of the fan is a sound attenuator that is used to reduce the sound level.

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The Dust Collector is rated at 900 CFM. Forty-two (42) cotton sateen dust bags are used for filtration. A manual rapper is provided for shaking the dust from the bags. The hopper outlet has a slide gate for dust removal.