



Drum Press



Imagined

Develop a user friendly, compact, and streamlined drum press to service the needs of manufacturers wishing to dispense product from 55-gallon steel drums.

Engineered Solution

Portable, pneumo/hydraulic drum press with integrated oil reservoirs, yielding an overall footprint of only 3' 4" x 2' 4". Includes second hydraulic circuit for fast retract allowing for drum changes in less than a minute. Incorporates drum reinforcement shrouds and protection against torsion of pressure plate. All pneumatic controls with no electrical controls making it ideal for Class 1, Div. 1 rated environments.



2" thick steel pressure plate with captive 1-1/2" diameter O-ring.

Incorporates vent valve and 3" NPT hose adaptor.

Also available with non-captive O-ring.

Press plate furnished with 2 captive O-rings for chimed drums.

All pneumatic oil intensifier pump with 40:1 ratio.

Produces hydraulic pressure of 2,400 PSI applied to a 8" diameter bore cylinder, resulting in an impressive 300 PSI of material pressure in the drum.



Small package that includes all air and hydraulic gauges, air regulator, exhaust muffler, and all necessary pneumo/hydraulic valving.



1/4" thick steel reinforced drum shroud.

Heavy duty, adjustable shroud clamps.

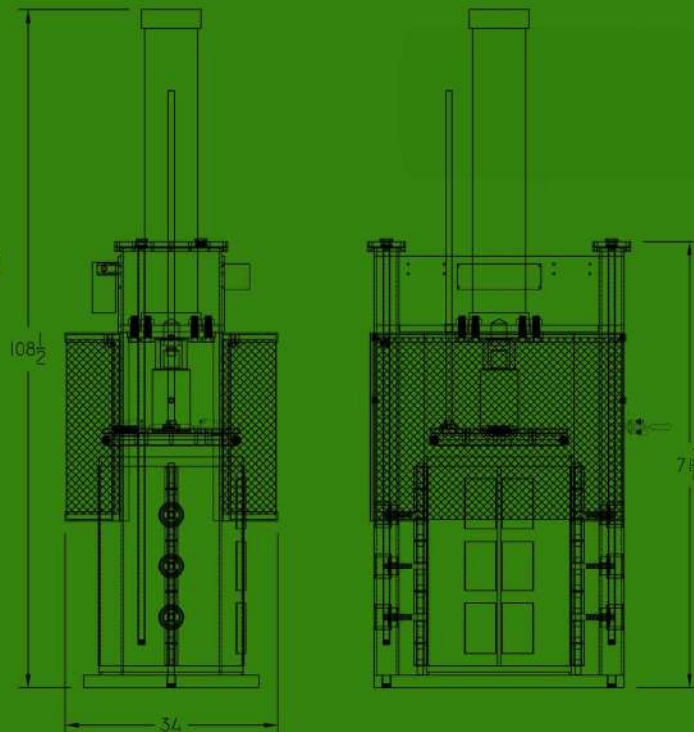
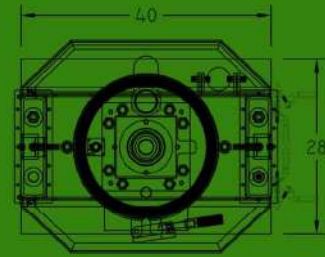
One piece shroud for straight sided dums, or 3-piece shroud for chimed drums.



SPECIFICATIONS

Standard Features:

- Pneumo/Hydraulic System
- Integrated Dual Oil Reservoirs
 - 20 Gallon Straight Hydraulic (Extend Stroke)
 - 15 Gallon Air Over Oil (Retract Stroke)
- Hydraulic Cylinder:
 - 8" Bore Diameter
 - 3-1/2" Piston Rod Diameter
- Intensifier Pump:
 - 40:1 Ratio (Air/Oil)
- Pneumatic Input:
 - 60 PSI (Max)
 - 15 SCFM (Peak)
- Hydraulic Output:
 - 2400 PSI (Max)
- Press Plate:
 - 1-1/2" Buna-N O-Ring (Captive)
- Drum Shroud (Straight Sided):
 - Full Drum Height Construction
 - 3 Latch Points
- Safety:
 - Dual, Half Height Cages



Available Options:

- All Hydraulic System:
 - Motor Driven, Variable Volume, Pressure Compensated Piston Pump
 - 230/460 VAC 3 Phase
 - 1.5 GPM Hydraulic Flow at 2400 PSI
- Dual Drum Presses with Auto Switch Over
- Split Drum Shroud (Chimed Drums)
- Press Plate with 2 Captive O-Rings
- Press Plate with Non-Captive O-Ring



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