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**EA-450**  
Vertical form, fill,  
and seal baler

# Vertical form, fill and seal baler

The **EA-450 Vertical Form, Fill and Seal Baler** is a fully automated system that makes its own bags from a roll of polyethylene flat film, which results in a major reduction in packaging materials and direct labor costs. It is intended to package compressible products such as peat moss at a densification ratio up to 2.5 :1 depending on the application requirements and product characteristics. It produces watertight square corner bales of very high quality.

The **EA-450** baler is designed to provide a clean, smooth, and low-noise operation. It uses a proven electronic sealing technology and is equipped with a volumetric belt feeder with leveling device that provides accurate dosing. Its reduced footprint allows for an easy fit in tight spaces.

## Applications

The **EA-450** baler is intended to bag compressible products such as peat moss.



## Features and benefits

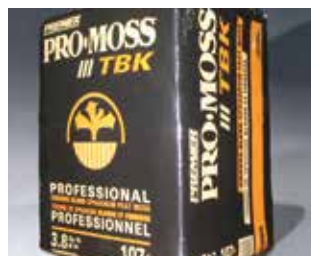
- Significant savings in packaging materials thanks to the use of flat film instead of pre-made bags
- Minimum number of moving parts, which reduces the overall maintenance of the equipment and provides a safer operation
- No plastic waste to handle
- Proportional hydraulic valve providing a smooth and shockless operation
- Low maintenance gusset-type sealing system using a high performance temperature controller
- Clean and dust-free operation
- PLC control system with color touch screen graphical interface for easy operation and maintenance
- Compact design which fits in tight spaces
- Low-noise high-volume piston pump
- Quick and simple bag size changeover

## Options

- Handle former
- Spare forming tubes available for additional bag sizes



PLC control system with color touch screen graphical interface for easy operation and maintenance



End product is a square corner bale of very high quality



## Production rate

Up to **5 BPM\***

\*Depending on product characteristics, method of feeding, bag size and thickness, etc.

## Technical data

<b>Typical equipment dimensions:</b> .....	Length: 220" (5582 mm) Width: 122" (3105 mm) Height: 357" (9060 mm)
<b>Bale dimensions:</b> .....	Face width: 7.75" to 18.5" (195 to 470 mm) Length: 16" to 33.5" (405 to 850 mm) Gusset: 6.5" to 16" (165 to 406 mm) Repeat: 40" (1015 mm) (48" (1218 mm) optional)
<b>Bag Specifications:</b> .....	Bag material: Heat sealable polyethylene flat film Film thickness: 2.5 to 6 mils (65 to 150 µm) Film roll diameter: 30" (760 mm) max.
<b>Dust collecting requirements:</b> .....	3500 scfm (99 110 NI/min)
<b>Air consumption:</b> .....	Up to 30 scfm (850 NI/min)
<b>Electrical requirements:</b> .....	460 V/3 Ph/60 Hz (other voltages available)
<b>Operating pressure:</b> .....	100 psi (7 bar)
<b>Ambient temperature:</b> .....	40 °F to 95 °F (5 °C to 35 °C)



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