



ANDERSON
INTERNATIONAL CORP



Pilot Model No. 6
Moisture Expeller® Press
“Bullet Choke” Design

As a Rental or Purchase unit
for the continuous mechanical
separation of liquids from solids.

Designed specifically for the Chemical Process Industry

Advantages

The most economical method of removing water, acidic or basic, from a developed elastomer is by mechanical means. The Anderson Pilot Model 6 Expeller® Press is a high capacity mechanical screw press designed to separate liquids from their solid carrier. Through continuous control of pressure, a desired end point moisture consistency is attained.

- The most economical method of liquids/solids separation due to the efficient conversion of electrical energy to mechanical pressure.
- The manual choke is adjustable while the screw press is in operation, allowing in-process adjustments to compensate for changes in throughput rate and variations in initial and residual moisture content.
- Several control options to provide automatic operation and integration.

Dewatering Applications

- Both Emulsion and Solution Synthetic Crumb Rubber
- Thermal Plastic Resin-Rubber Masterbatch and Styrene Block-Copolymers
- High Styrene Reinforced Polymers
- Natural and Reclaim Rubber

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The Anderson Pilot No. 6 Moisture Expeller® Press

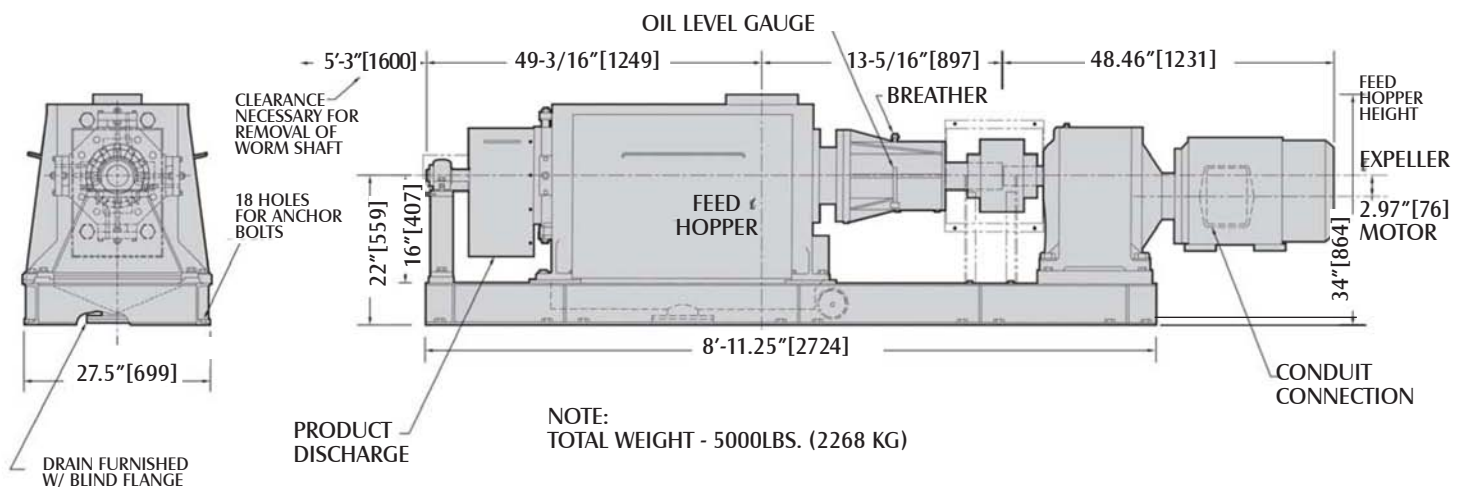
Product..... Rubber and Plastic Polymer.

Moisture Specifications..... 60 to 40% in, 15 to 5% out.

Operation..... The material to be dewatered is conveyed by a discontinuous worm shaft from the feed hopper, through the drainage barrel to the discharge end of the screw press. The circumference of the drainage barrel is lined with bars separated by spacers. The slots created by the spacers allow drainage of liquid from the barrel. A manually actuated choke regulates the area of the discharge opening, controlling the amount of material that may discharge and the pressure within the barrel. The amount of liquid pressed from the material is determined by the pressure applied. A cutter, driven by the worm shaft, sizes the dewatered material at the discharge end, if required.

Specifications..... The Pilot Model 6 Expeller screw press is normally equipped with a gear motor and AC variable speed drive providing a broad range of (15-90) shaft rpm. The thrust unit allows applications using up to 75 H.P. A standard inverter duty motor is applicable. Product contact parts are constructed of corrosion resistant and contamination free stainless steels and special alloys.

Thrust and drive utilize the simple “splash lubrication” system to ensure long run times.



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