



ANDERSON
INTERNATIONAL CORP



No. 6
Moisture
Expeller[®] Press

For the continuous
mechanical separation of
liquids from solids.

Designed specifically for the Chemical Process Industry

Advantages

The most economical method of removing water, solvent, oil or any other liquid from a solid material is by mechanical means. The Anderson No. 6 Expeller Press is a mechanical screw press designed to continuously separate by pressurizing, allowing the effluent liquid to drain through a slotted barrel.

- The most economical method of liquids solids separation due to the efficient conversion of electrical energy to mechanical pressure.
- The hydraulic 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.

Applications

Dewatering of synthetic, natural and reclaim rubber.
Dewatering of plastics and non-rigid elastomers.
Desolventizing of various polymers and solids.
Dewatering of cold caustic digested wood chips, neutral sulphite digested wood chips, and Kraft pulp.

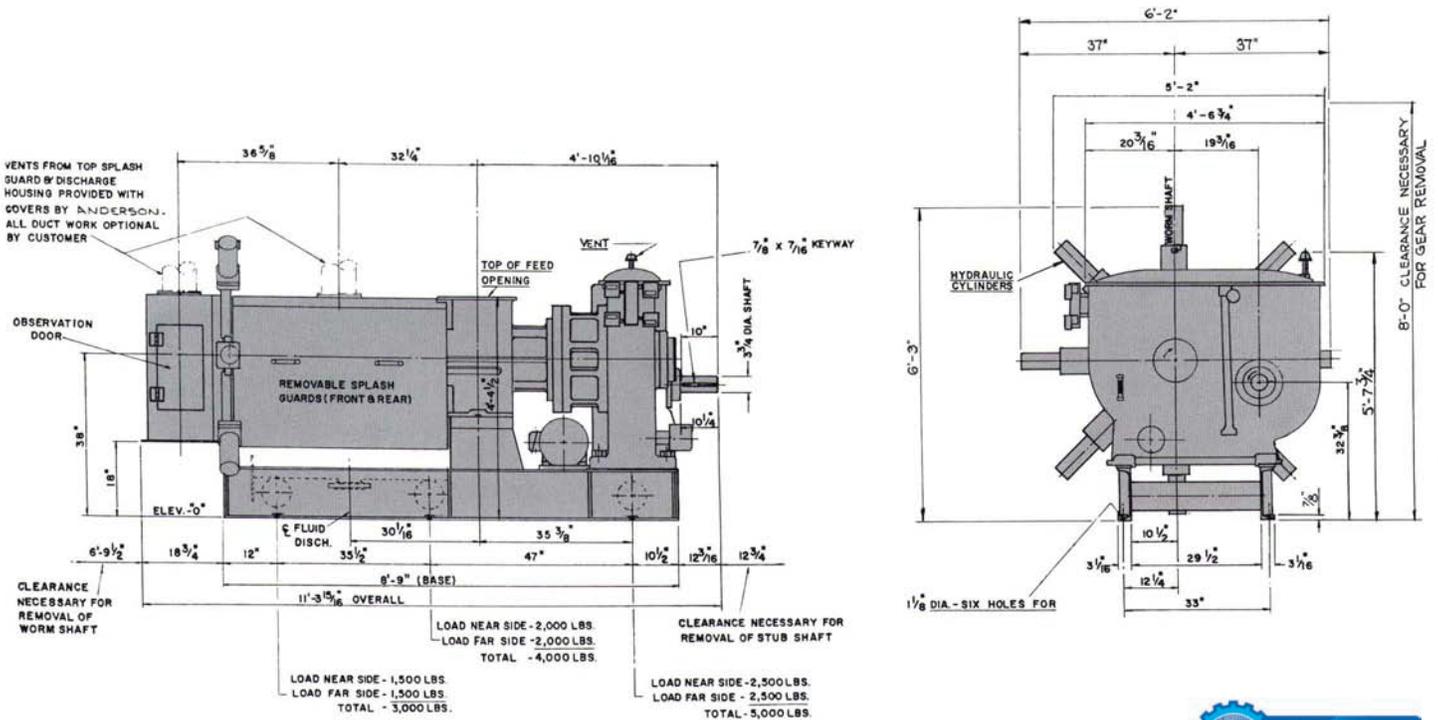
Anderson International Corp, 4545 Boyce Parkway, Stow, Ohio 44224
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The Anderson No. 6 Moisture Expeller® Press

Product.....Rubber and Plastic Polymer

Operation.....The material to be de-liquified 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 discharge barrel is lined with bars separated by spacers. These slots allow drainage of liquid from the barrel. A hydraulically 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 de-liquified material at the discharge, if required.

Specifications.....The No. 6 Expeller screw press is normally equipped with a single reduction gear case with herringbone gears. A heavy duty thrust bearing allows applications of up to 250 H.P. A standard foot-mounted motor is used with an intermediate V-belt drive. For special applications double reduction gear cases are available with intermediate helical gears and a final reduction with herringbone gears. Also in some cases, variable speed drives can be used, if required. Contact parts are constructed of corrosion resistant, contamination free, stainless steels and special alloys. The gear case is equipped with an independently driven 3 H.P. lubricating oil pump. Forced lubrication of all bearings is insured with teleflow indicators in all oil lines. The system is also equipped with full flow oil filter.



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An ISO 9001:2008 with Design Certified Company