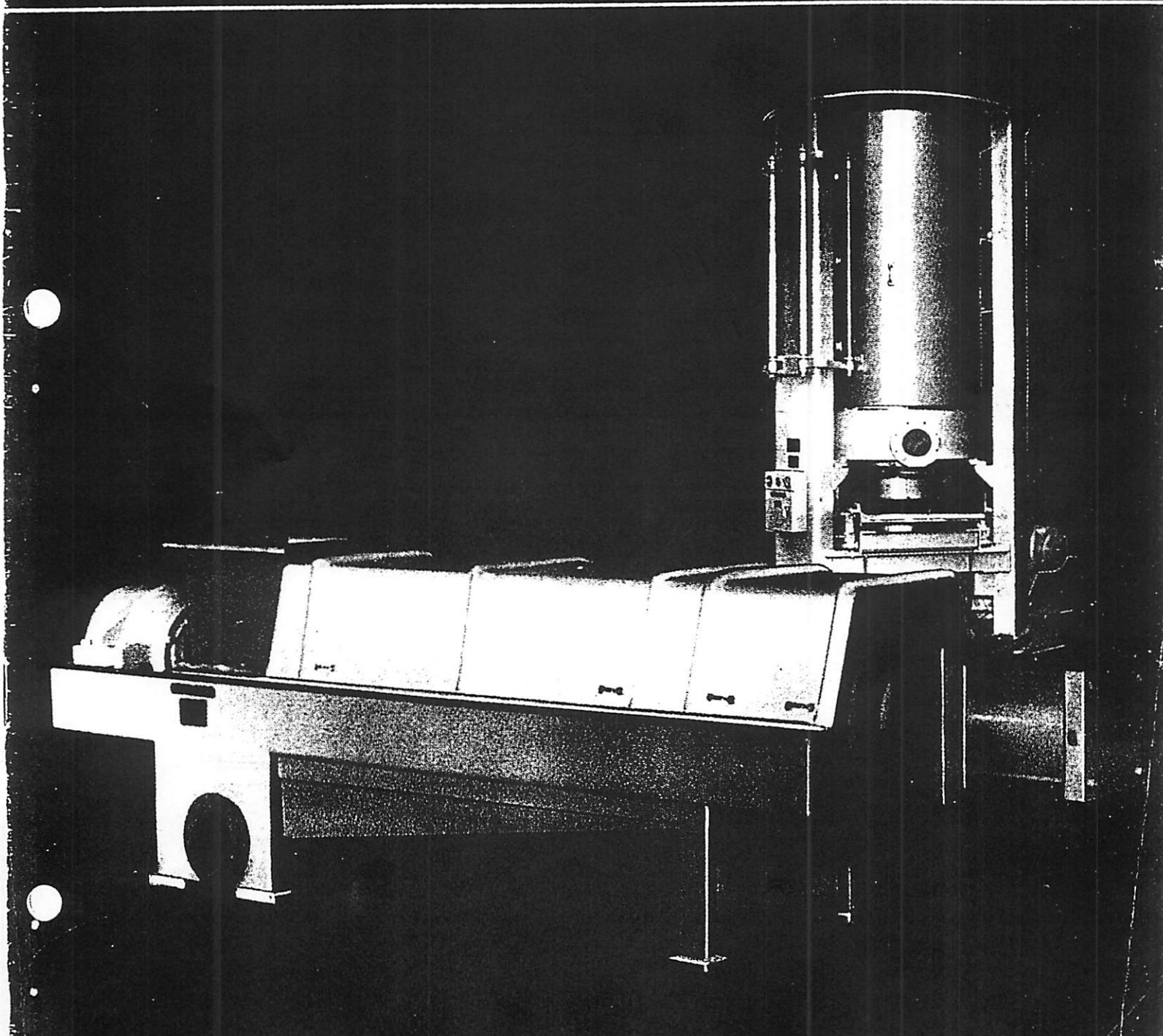
Beloit Jones Pressmaster® Press



Beloit Jones Pressmaster® press... job proven more than 20 years for exceptional dewatering efficiency

Hundreds of Beloit Jones Pressmaster presses have proved their effective separation of liquids from solids, pressing materials carried by a tapered spindle with screw flights. Split screen assembly surrounding spindle permits free flow of effluent to collecting pan. Spindle flights are machined to provide a close fit with the inner surface of the liner screen.

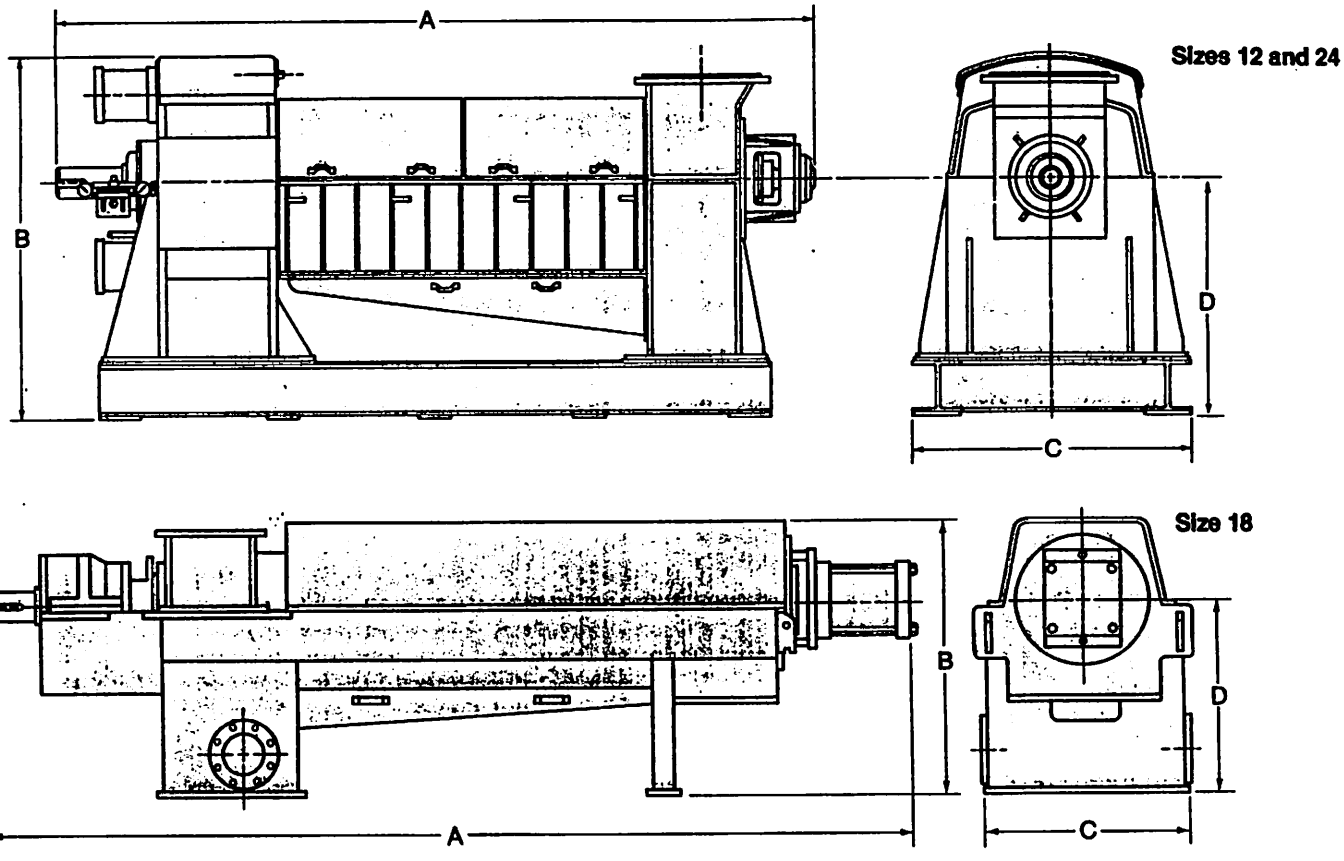
Because both vertical and horizontal Pressmaster presses have no pockets or crevices, pressed materia and extracted liquids move and flow cleanly and freely through the units.

For most applications, a "floating cone" located at the discharge end of the spindle is controlled by a cylinder-actuated mechanism. Cylinder pressure is regulated according to the type of material being pressed. Output moisture is controlled at a constant level because the mechanism absorbs flow surges.

Beloit Jones Horizontal Pressmaster

The horizontal Pressmaster press requires only minimum headroom. Both infeed and outfeed are positioned low for easy operation and convenient access. Pressed material moves freely and cleanly through the continuous flight spindle, with an optimum time/pressure relationship for precise volumetric compaction.

Beloit Jones Horizontal Pressmaster Press
Dimensions and Specifications



General Dimensions
(Inches, not to be used for construction)

Size	A	B	C	D
12	119	56	12	31
18	178	49	40	35
24	179	86	25	66

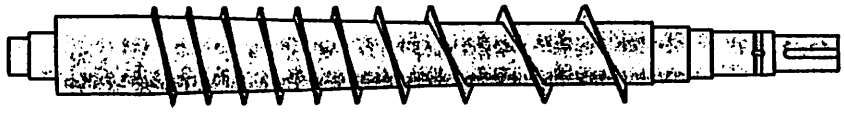
Specifications

Size	Standard Heavy-Duty Spindle Dia. (in.)	Motor HP Range	Shipping Weight (lb.)	Floorspace (less drive) (in.)
12	12	15-25	6,500	119 x 31
18	18	30-50	12,000	178 x 40
24	24	40-75	24,500	179 x 66

Includes the complete machine with coupling, less drive and starter assembly.

Wetted parts are available in mild steel, and 304 or 316 stainless steel.

Spindle
Several horizontal Pressmaster spindle and screw designs are available. Design is dependent upon material to be dewatered.



BELOIT®

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The Beloit Jones Horizontal Pressmaster press requires only minimum headroom. Both infeed and outfeed are positioned low for easy operation and convenient access.

The pressed material moves freely and cleanly through the continuous flight spindle, with an optimum time/pressure relationship for precise volumetric compaction.

Output moisture is controlled during normal process changes through the use of a "floating cone" that is located at the discharge end of the spindle. Back pressure on the "floating cone" is regulated according to process demands and material requirement. Pressmaster presses have proven themselves on a wide range of applications in various industries for superior separation of liquids and solids.

For your particular applications, see your Beloit Jones representative.

Pressmaster demonstrations may be arranged in our development laboratories on the material you specify. Small commercial press sizes are available for customer trials. Contact your Beloit Jones representative, or write for full demonstration details.

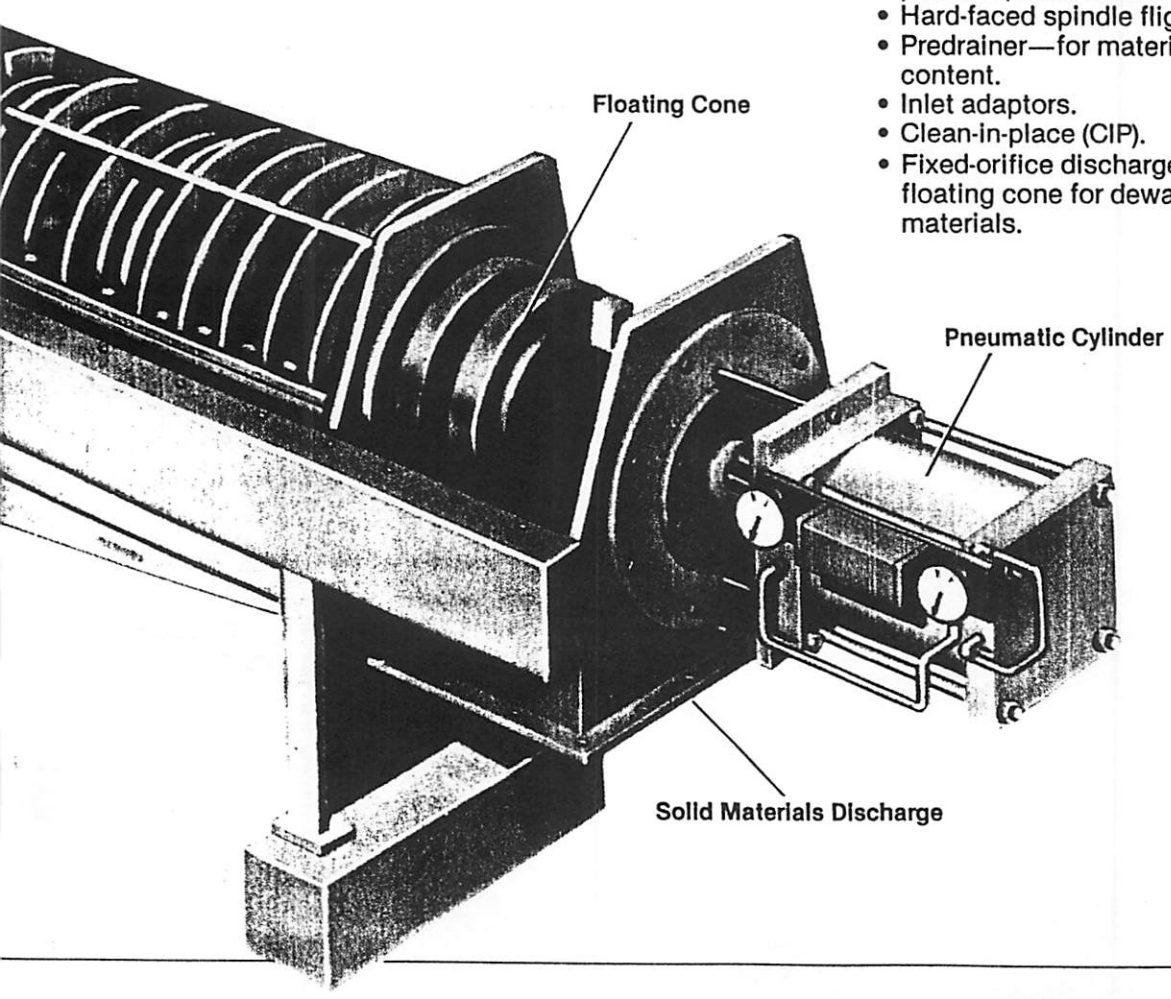
Horizontal Pressmaster Press Features

Standard

- Models designed to meet wide range of commercial, industrial, and municipal applications.
- Low horsepower requirements per ton of material dewatered.
- Designed for continuous operation.
- High-capacity discharge.
- Size range to meet most dewatering requirements.
- Choice of spindles for maximum dewatering of materials with different pressing characteristics.
- Screens are available with a variety of perforations from 0.023″ to 0.062″ for optimization of dewatering and control of effluent solids.
- Minimum space requirements.

Optional

- Special construction materials to meet sanitary requirements of food, chemical, and allied industries.
- Constant and variable-speed drives to meet all process parameters.
- Hard-faced spindle flights.
- Predrainer—for materials having high moisture content.
- Inlet adaptors.
- Clean-in-place (CIP).
- Fixed-orifice discharge restrictor in place of floating cone for dewatering bulky, fibrous materials.



Beloit Jones Horizontal Pressmaster Press...
unique conveying/compacting operation
for proven dewatering effectiveness.

Beloit Jones Pressmaster presses have been the logical choice in liquids/solids separation for more than 15 years. Pressing is accomplished by a combination of conveying and compacting with a tapered spindle with screw flights.

Spindle flights are precision machined to provide the close fit with the inner surface of the liner screen that is essential for accurate clearance and efficient cleaning of the screen.

The horizontal design incorporates a split screen for ease of maintenance.