

120° DSM Pressure Screens

Applications

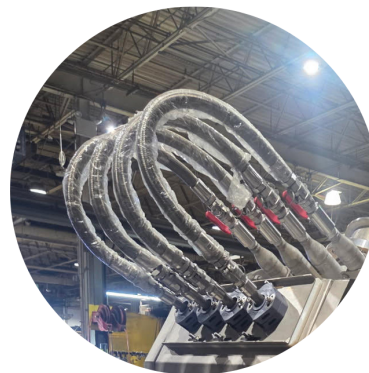
- Starch Processing
- Ethanol Processing
- Chemical Processing
- Pulp & Paper
- Mining Slurries
- Wastewater

Benefits

- High capacity flow volumes
- Design significantly reduces blinding
- Johnson Screens Vee-Wire® construction eliminates fine fibre contamination
- Low maintenance costs
- Superior performance over alternative filtration solutions
- Glass viewing windows offer improved process visibility over previous models

Features

- Easy screen replacement w/ isolation for each screen and no tools required
- Adjustable nozzles w/ valve isolation for individual shutoff and maintenance
- Full front and back access
- Modular design for single, double, triple, and quadruple screen configurations
- 316L, 304, and Duplex Vee-Wire screens available in a wide range of slot sizes



Adjustable Nozzles



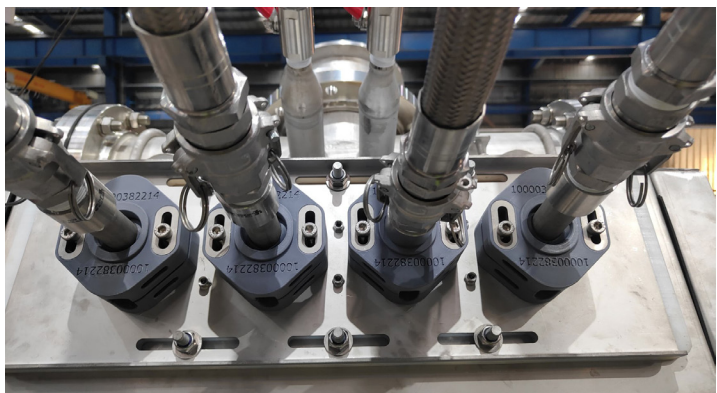
Maximizing Efficiency with Johnson Screens' 120° DSM Pressure Screens

Johnson Screens 120° DSM Pressure Screens are used for fine solids separation. The slurry is continuously pressure-fed onto the Vee-Wire screen, where the liquid drains through the slots as the solids slide to the bottom of the screen. DSM pressure screens are used in static sieves for both dewatering and classification.

As the slurry flows over the inclined screen surface, the perpendicular orientation of the wires to the flow allows solids to be retained while liquid passes through the screen. As such, Johnson Screens 120° DSM Pressure Screens are ideal for sizing and dewatering applications in liquid/solid separation situations, fine fibre removal in the starch industry, food processing, pulp and paper, wastewater processing, and corn wet milling.

While it is important that you have the right screen for your application, it is just as important that the unit which holds the screen is correct. Over the years, Johnson Screens has committed to research and development to ensure that we meet our customers' needs as they evolve. From this process, the Johnson Screens 120° DSM Pressure Screen is the culmination of this development process.

The improved box and nozzle system permit full utilisation of the screen surface, and controls splashing and flooding of the screen, eliminating problems associated with most conventional pressure screen boxes.



Johnson Screens Industrial and Architectural Screens

North and South America
Phone +1 651 636 3900
info.us@johnsonscreens.com

Europe, Middle East & Africa
Phone +33 5 49 02 16 00
info.fr@johnsonscreens.com

Asia Pacific
Phone +61 7 3867 5555
info.au@johnsonscreens.com

johnsonscreens.com

© 2025 Johnson Screens Inc. All rights reserved. Johnson Screens Inc. assumes no liability for possible catalogues, brochures and other printed material errors. The technical data in this brochure is subject to change and for illustrative purposes only and should not be applied as published to your individual case. Johnson Screens reserves the right to alter its products without notice. Any reproduction, distribution, display or use of this information in whole or in part without the written authorization of Johnson Screens is strictly prohibited.

24-IAS-0061-v1-13-Eng