SUPER STEAM VAC

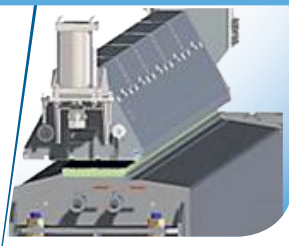


IBS

JOD

James Ross

Transphase



The IBS Super Steam Vac is a system solution for improving the performance of Foudrinier high vacuum sections in general and steam boxes in particular.

The need for better drainage, lower energy use, higher CD moisture quality, and lower operating costs has resulted in the development of the IBS Paper Performance Group's Super Steam Vac, patented steam shower technology for advanced water removal on Fourdrinier machines.

The IBS Super Steam Vac is a system which allows application of up to 22 inches of Hg vacuum through a Super High Vac box specifically built to handle the large volume or air and water. It combines IBS cover technology for high temperature applications with the low velocity steam shower technology developed and patented by Transphase Technology.

Energy & Performance
Dewatering Systems
Fabric Guides & Tensioners
Doctors & Showers
Special Products
Engineered Consumables
Technological Services

SYSTEM SOLUTIONS

IBS PAPER PERFORMANCE GROUP

Features

- 1, 2, or 3 chambers
- Last chamber to operate at 18-22" Hg
- Silicon Nitride or Si-CARBIDE Extreme^{TM} cover
- Cover lube shower to cut drive load
- Low velocity steam jets designed to discharge steam over cover slots
- Low velocity steam jets to develop intense narrow footprint or bump response

Efficient Improvements for

- Low velocity steam - better CD profile
- No sheet disturbance
- Little or no steam spillage
- Ability to substantially reduce or eliminate couch vacuum
- Permitting much higher temperature retention into press for increase dewatering



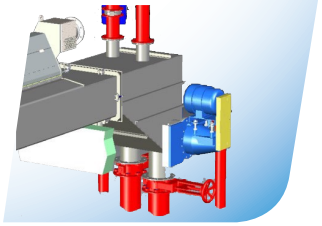
CR-2 Actuators

- Sealed Inconel bellows

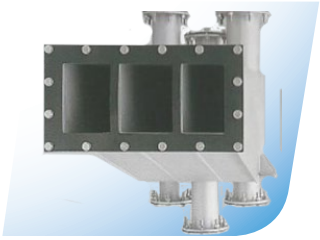


Super HIgh Vac

- Structure and cover designed to operate at high vacuum levels (18-22" Hg), air flows, and water removal rates



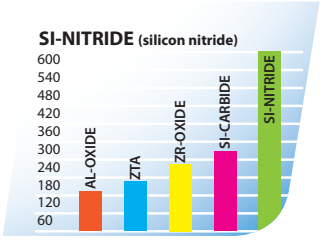
- Unloader pumps to eliminate drop leg limitations



- Air/Water separator structures



- IBS EPB^{+} Vacuum control valves



Thermal Shock Resistance (^{0}C)

- High quality ceramic covers designed for the application

For further information:

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