



*Reliable Innovation for
Consumables & Optimization*



Coldwater Offers a Complete Line of High Performance Headbox Products and Services.

Inspection Services

All Headbox manufacturers recommend an annual inspection. It is best if the inspection occurs some months before an extended outage so that any needed parts can be obtained and inspected, and the work scope planned into the longer shutdown.

Coldwater Technical Services (CTS) personnel have years of experience providing these inspections and other headbox calibration services. Our services include:

- Slice lip inspection and/or replacement of the slice lip
- Inspection, honing and minor repairs of the apron lip
- Confirming the level and square of the slice beam
- Calibration of the slice lip to the apron lip
- Inspection removal and replacement of step diffuser inserts
- Inspection, removal and replacement of diffuser blocks
- Cleaning and polishing critical surfaces
- Troubleshooting streaks and flow problems

Plus, while on site CTS personnel can learn of any day-to-day problems from the operators and try to identify the root causes of those problems. Our final Headbox Service Report details all work performed and includes recommendations for parts or future repairs that may be needed.



Coldwater Step Diffusor Inserts for Maximum Efficiency.

Maintaining a sharp edge around the diameter of the insert bore is critical. Due to wear, the edge can become rounded over time, which reduces nozzle efficiency. Plus, inserts are exposed to harsh chemicals and temperature changes, which over time can result in spider cracks, flaking or delaminating of the insert face.

Headbox inserts need to be changed on a regular basis as worn inserts can have a negative impact on headbox stock flow. Coldwater Headbox Step Diffusor Inserts feature:

- 25mm or 33mm standard design
- Inlet bore diameters available in 0.5mm increments from 8mm to 13.5mm
- Manufactured with OEM specified material, a high temperature, chemical and wear resistant, specialty polymer
- Removal and installation services provided



Lexan Sheets for Converflo® Headboxes.

- Proven manufacturing and process experience
- Professional craftsmen
- Meets or exceeds all OEM specifications

Available for all generations of nozzle design including:

- Simple Bead Holders
- Curved Hinge Holders
- 'Dog Bone' Holders
- C-4 Holders
- Thickness from 1 to 3 mm (.040" to .120")
- Standard, scalloped or tapered edge profiles



ENP wipes are also available.

Lexan® is a registered trademark of GE. Converflo® is a registered trademark of Beloit

Let Consumables Optimization Management Be Our Problem.

Let us help you manage your paper machine consumables. Our COM program packages these many products and services into one spend with volume rebates and consignment programs matched to the need. COM can be structured for machine level, mill level or corporate level needs. Contact your local representative for more information.

Coldwater Offers a Complete Line of Reliable Innovations to Optimize Paper Machine Performance.

**Suction Roll
Components**



**Wilbanks
Ceramics**



**Headbox
Services**



**Drainage
Elements**



**BladePro
Doctor Blades**



**Edge
Control**



**Vacuum
Valves**



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***To learn more or to locate the Headbox Services Specialist
most convenient to your mill, please visit coldwatergroup.com.***