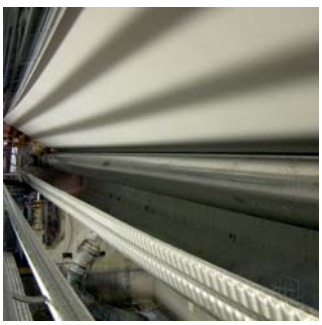
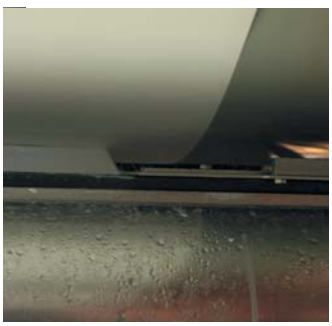
INVO® Jet

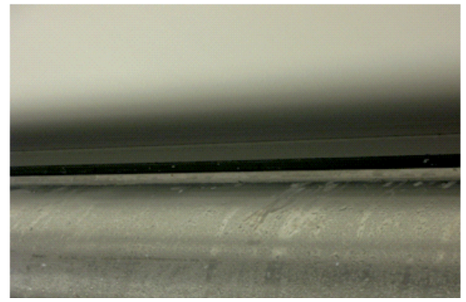




INVO® Jet

The INVO® Jet applicator comprises the INVO® Jet unit and a double walled pan for collection of return flow.

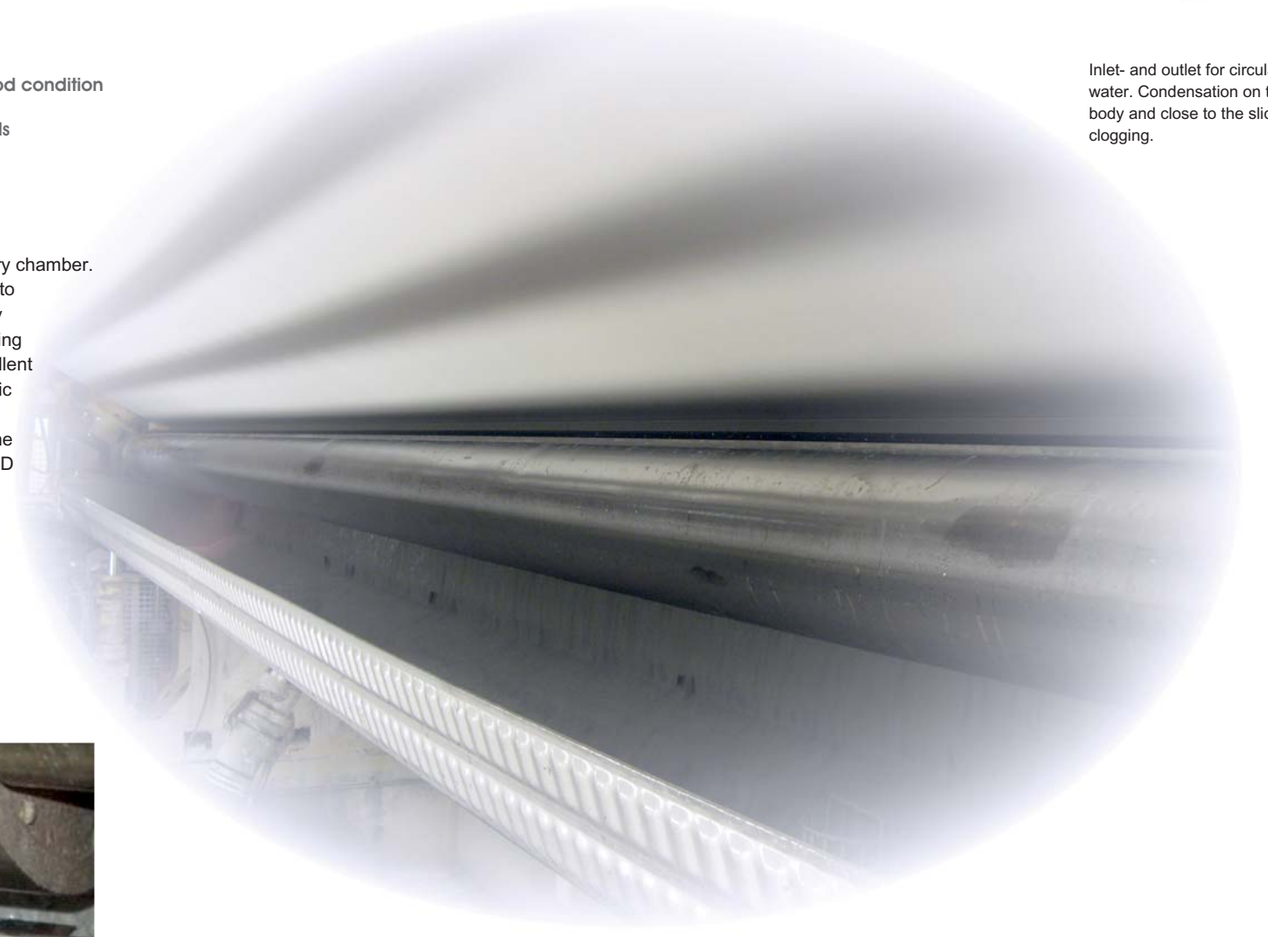
Inlet- and outlet for circulation of cooled water. Condensation on the INVO® Jet body and close to the slice ensures no clogging.



Features

- Elimination of skip coating
- Uniform application in CD & MD
- Easy adjustment of coated width
- No clogging of the slice
- Easy cleaning
- Reduced downtime
- Quick ON-OFF movements keeps the blade in good condition
- Round compact design, easily installed by rebuilds
- Possibility for long or short dwell time

Flow dynamics
The coating color or media comes in through a primary chamber. In this chamber there are holes that lead the media into secondary chamber. The big diameter on the primary chamber and the pressure drop over the communicating holes into the secondary chambers results in an excellent CD distribution. The secondary chamber is asymmetric and its wall has a curved design. This curved design creates a leveling effect on the flow distribution and the result is an even flow of coating color/media both in CD and MD onto the paper or board surface.



Double walled design of pan for circulation of cooled water to create condensation for cleanliness.

Coated width is controlled by a deflection plate.
The coated width is easily controlled by a deflection plate that redirects the jet flow at the edges into the collector pan.

Quick ON-OFF movement and easy access for cleaning and service
The INVO® Jet is programmed for different positions; service, stand - by and coating.
As can be seen in the adjacent picture, the nozzle is easy accessed for inspection and cleaning in the service position. The stand-by position ensures quick ON-OFF movement < 2 seconds.

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