

Valmet Tail Threading Vacuum Conveyor F

Ropeless tail threading system

Valmet Tail Threading Vacuum Conveyor F* is part of OptiForce Concept, Valmet's automated and ropeless tail threading solutions for all papermaking lines. It sharpens your competitive edge with shorter tail threading times and safe operation.

Benefits

- Revolutionary foil technology
- Unaffected by tail width changes
- No need for separate fans or ducts
- Unique new drive system
- Sectional vacuum zone adjustment
- Compact modular design
- Low maintenance requirements
- Safe to operate
- Optimal grip during threading with Valmet fabric



Unique technical features

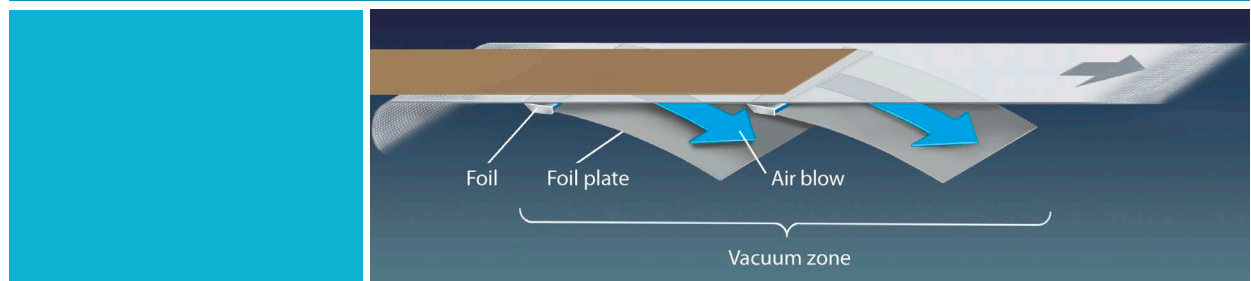
Valmet Tail Threading Vacuum Conveyor F unit consists of foils, a fabric, a turning roll and a drive motor which is built into the turning roll. The unit holds the forward-running tail on the fabric with the help of an underpressure created on the top side of the belt. The underpressure is produced using a revolutionary foil technology. This technology is based on the generation of a foil effect by means of blowing compressed air out of the foils underneath the fabric. This foil effect enables tail threading belt evolved version to reach very high underpressure levels with minimized air and energy consumption.

Valmet Tail Threading Vacuum Conveyor F evolved version is divided into sections with foils. The

underpressure in each section can be individually regulated by adjusting the foil blow pressure. This ensures the optimum tail run through the threading system.

The foils and air blows are directed at a downward angle that is ideal for the creation of air ejection through the fabric. The air blows follow the foil plates, shaped like airca wings, which improves the suction effect on the fabric. The width of the tail itself does not affect the underpressure levels. The highest underpressure is reached immediately on the foil, thus securing a safe grip on the tail right from the beginning.

Revolutionary foil technology



*earlier known as FoilForce1

For more information, contact your local Valmet office.
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