

## TT Fourdrinier

The wet end is a crucial part of the paper production, as it is the part of the machine in which the formation and distribution of the fibers in the paper take place.

TT Fourdrinier are customized to any of our Customer, taking into account the peculiarities of the paper produced and the headbox specifications, in terms of flows and basis weights. They can be supplied as a single wire configuration, two wires, or three wires, depending

whether the paper produced is a single ply or multi ply one.

In the fourdrinier a big part of the water is drained from the stock, usually approximately from 1% to 22% of solids, and how this water is removed is very important for the quality of the paper. TT Fourdrinier is designed and optimized to have a smooth drainage curve in order not to freeze the formation, but removing progressively the water present in the stock.

The design of the pulsation of the

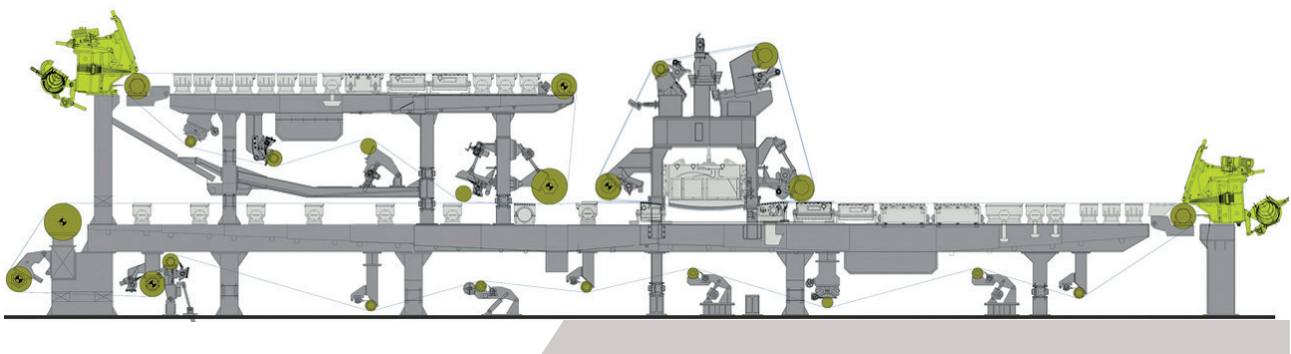
vacuum, given by the foils element of the drainage boxes, is taken in great account in order to optimize the drainage curve on the wire.

Also important is to keep an eye on the practice of the wire changes in order to minimize shutdown periods. In this perspective TT Fourdrinier could be designed on back cantilever layout, front lift cantilever layout or C-type design.

TT Headbox and TT CouchRoll can complete the fourdrinier solution.

### Benefits

- Excellent end product quality
- High productivity



TT Fourdrinier	
Fourdrinier layout	Single wire or multi layer wire
Drainage elements	Forming board Low vacuum boxes Medium vacuum boxes High vacuum boxes
Frame material	Solid stainless steel, AISI 304 or AISI 316L
Frame design	Back cantilever Front cantilever C type design

