

## Andritz Twin Wire Technology Reduces Operating and Maintenance Costs

Our fully advanced system and the low-maintenance design of its essential elements make our twin wire technology very economical.

- Operation without vacuum and suction rolls, no vacuum pumps required
- hinged headbox makes inspections easy
- prepress rolls on the twin wire press are stainless-steel clad
- high-pressure press rolls have no grooves for blind boring; hence long roll and felt life



**Twin Wire Technology  
for Market Pulp**

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PULP TECHNOLOGY

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# Our Twin Wire Technology

## Modern technology, safe operation low operating and maintenance costs

We are one of the pioneers of twin wire dewatering. Andritz Twin Wire Presses and Andritz Heavy-Duty Presses for market pulp are leaders on the world market. With these systems we applied completely new technical and technological methods. Based on our many years of experience with dewatering equipment we created advanced solutions: the new generation of Andritz Twin Wire Presses and Andritz Heavy-Duty Presses of 8 m working width and capacities of up to 2200 MT/day. We have special experience in mixed tropical hardwood, eucalyptus, softwood and recycled fiber pulps.

### Our systems feature:

- 50 % dryness without vacuum
- low operating and maintenance costs
- low energy consumption
- high plant availability

### 50% dryness

Careful dewatering to this dryness value (or higher, depending on operating conditions) is achieved by four nips in the Twin Wire Press and by one or two heavy-duty presses with wide nips after the TWP.

### Simple, safe plant operation

Our twin-wire dewatering system ensures good sheet formation and high dryness. This yields good web strength and allows safe transfer of the web to the Heavy-Duty press and the dryer.

### Drastic reduction of energy consumption

As no vacuum and no suction rolls are required for the suction rolls, the energy consumption is drastically reduced; compared to Fourdrinier machines, for instance, the reduction is up to 30 kWh per MT of pulp.



### Excellent sheet formation

This is ensured by efficient dewatering on both sides. The pulp suspension is fed at high turbulence direct into the TWP's gravity zone.



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