

## TECHNICAL TUESDAYS

TOPIC: Hydro extractor

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### **What are hydro extractors?**

Hydro extractors are the machines responsible for the removal excess of water present on fabric post the wet processing of textiles.

### **Working process:**

The wet textile material is placed inside the hydro extracting machine, also known as the centrifugal extracting machine. The placed textile is then subjected to centrifugal forces induced by the high rotational speed of the inner perforated drum, resulting in the withdrawal of moisture from the fabric matrix.

The hydro extractor machine is constructed with the extractor barrier usually being a metal, generally steel and stainless steel is predominantly adopted for the inner perforated wall.

The construct of the hydro extractor is depicted below.



### **Advantages:**

- No deformation of the packages
- Low residual moisture.
- Even humidity distribution through the package



- Low energy consumption
- Dyeing tubes last longer
- Maintenance-free brakes
- Closed system for effluent
- Low / no compressed air consumption

**Wishing you a great week ahead!**

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