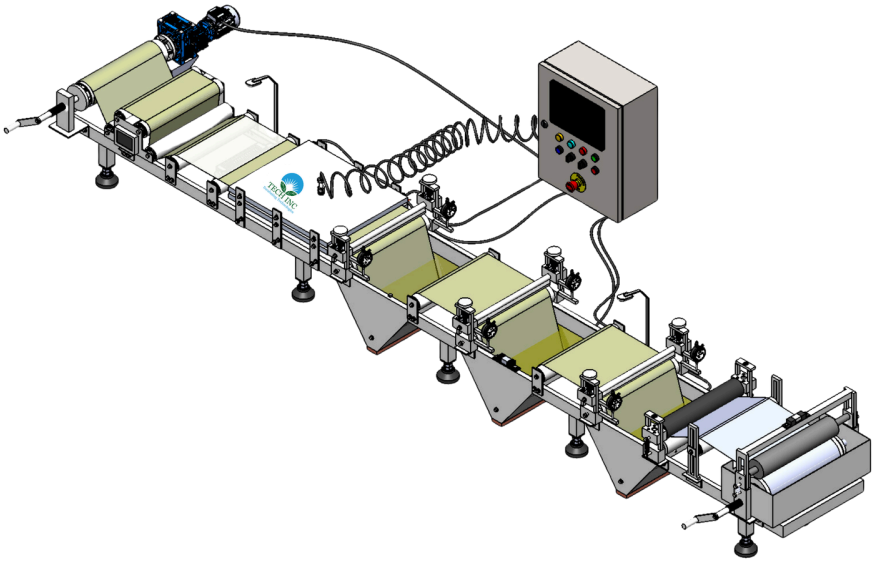
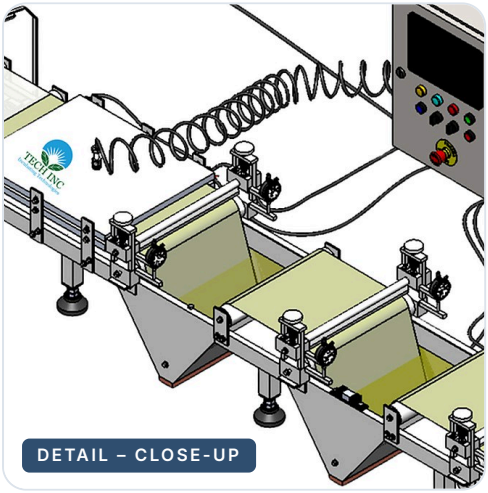
PRODUCT DATASHEET

Flat Sheet Membrane Roll Casting Machine with Heating Facility – Spray Coating





DETAIL – CLOSE-UP

OVERVIEW

Tech Inc. Flat Sheet Membrane Roll Casting Machine - Spray Coating utilises spray coating methodology to produce flat sheet membranes with superior uniformity and performance characteristics. This equipment is ideal for manufacturing membranes requiring precise control over polymer deposition and layer structure.

APPLICATIONS

High-performance flat sheet membrane manufacturing for water treatment; reverse osmosis membrane production with superior separation efficiency; nanofiltration membrane development for advanced applications.

KEY ADVANTAGES

- Multi-nozzle spray system ensuring uniform polymer distribution across membrane substrate
- Adjustable spray pressure and flow rate for customised coating parameters
- Integrated heating system for optimal polymer behaviour during deposition
- Rotating membrane support platform enabling even coating coverage
- Variable spray distance control for thickness optimisation

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