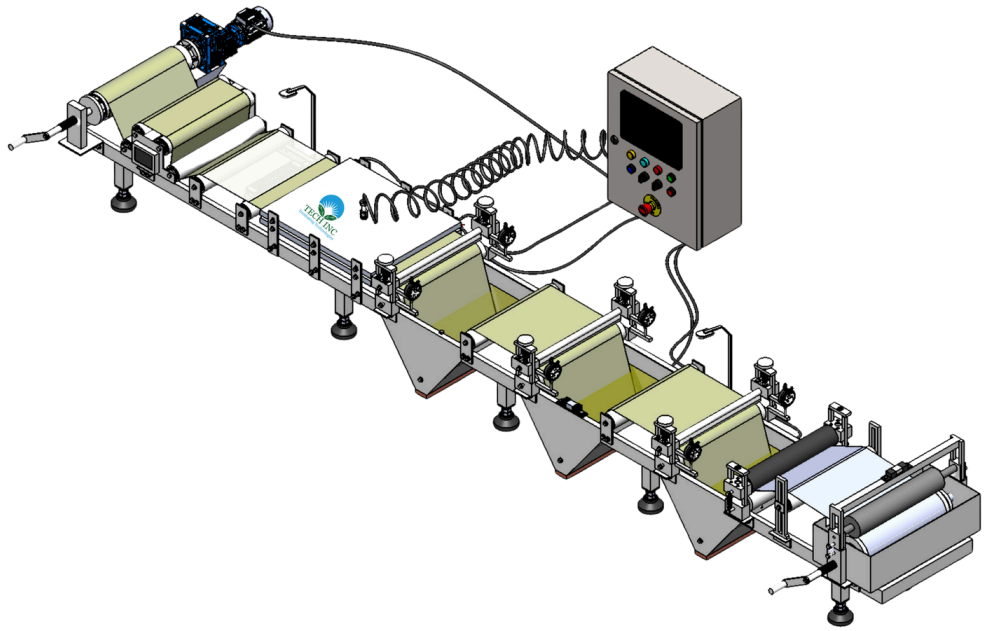
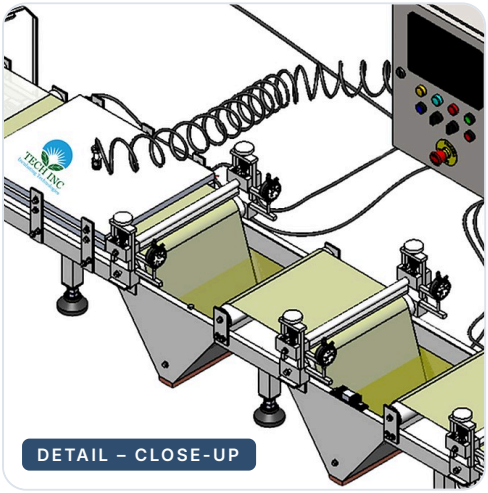
PRODUCT DATASHEET

Flat Sheet Membrane Roll Casting Machine with Heating Facility – 3 Layer Coating





DETAIL – CLOSE-UP

OVERVIEW

Tech Inc. Flat Sheet Membrane Roll Casting Machine - 3 Layer Coating produces advanced multi-layer flat sheet membranes with three distinct functional layers. This specialised equipment enables precise control over layer composition, thickness, and interface properties for enhanced separation performance.

APPLICATIONS

Advanced reverse osmosis membrane manufacturing with optimised layer properties; multi-functional membrane production for complex separation challenges; composite membrane development combining different polymer materials.

KEY ADVANTAGES

- Triple coating system enabling precise control of each membrane layer
- Independently adjustable parameters for each coating layer
- Integrated heating control managing temperature during multi-layer deposition
- Real-time thickness monitoring for all three layers simultaneously
- Automated interface control between adjacent layers

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