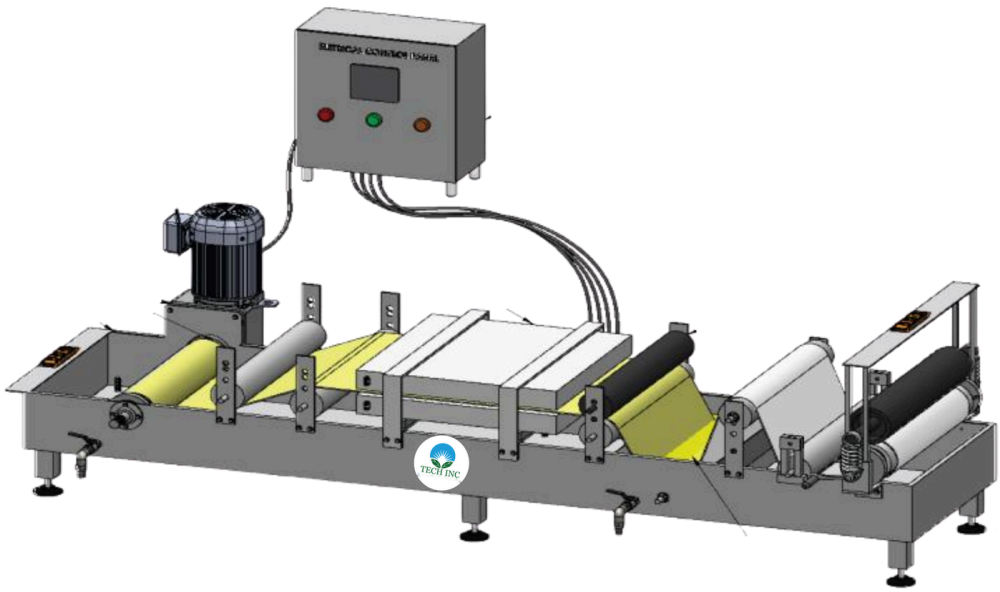
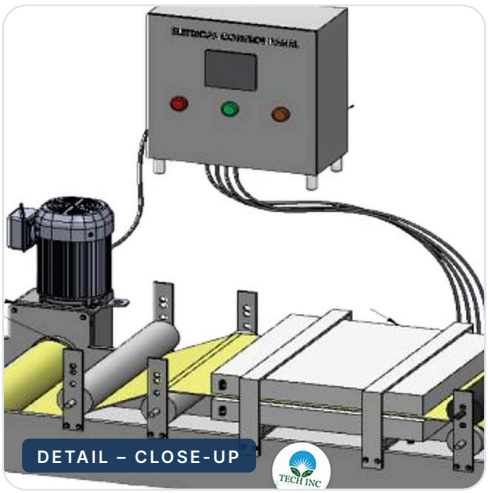
PRODUCT DATASHEET

Flat Sheet Membrane Roll Casting Machine with Heating Facility – SCW





OVERVIEW

Tech Inc. Flat Sheet Membrane Roll Casting Machine - SCW provides specialised equipment for advanced membrane manufacturing incorporating Supercritical Water (SCW) technology concepts. This innovative approach delivers membranes with unique pore structures and enhanced performance characteristics for specialised applications.

APPLICATIONS

Development of membranes with unique pore size distributions from SCW processing; research into supercritical fluid applications in membrane manufacturing; production of specialty membranes for demanding separation challenges.

KEY ADVANTAGES

- High-pressure system capable of operating under supercritical fluid conditions
- Precision temperature and pressure control for SCW process optimisation
- Specialised polymer processing enabling unique membrane pore structures
- Integrated safety systems managing high-pressure operations
- Real-time process monitoring with automated control feedback

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