

SUGAR SYRUP MANUFACTURING PLANT



LIQUID MANUFACTURING PLANT BY SPM

The SPM Liquid Manufacturing Plant is an advanced, integrated system designed for the efficient production of syrups, oral liquid formulations, and other water-based pharmaceutical products. Engineered to deliver high product quality with minimum human intervention, this plant ensures excellent hygiene standards and optimal use of manpower in every batch. The complete SPM Liquid Manufacturing Plant includes:

PLANT COMPOSITION

- Premix Side Vessel
- Inline Side Vessel Prefilter
- Manufacturing Vessel & Storage Vessel
- Vacuum Transfer System (for seamless movement from side vessels to the main vessel)
- Product Transfer Piping
- Transfer Pumps
- Automated Control Panel
- Batch Capacities: 50 to 30,000 Litres

KEY FEATURES

- Batch Mixers Ranging from 50 to 30,000 Litres
- Completely Touch-Free Processing
- Fully CIP/SIP-Compatible
- All Wetted Parts in SS316/316L Grade Stainless Steel
- Seamless, Internally Electro-Polished Pipelines
- Vacuum-Assisted Sugar Charging & Material Transfers
- Limpet Coil Vessels for Controlled Heating and Cooling
- Vacuum-Ready Design for Direct Sugar Transfer from Storage to Vessel
- Bottom-Entry Propeller Agitators
- Precision mechanical seal
- No shaft vibration
- No coupling = Reduced Maintenance
- Inline Filtration for Guaranteed Product Purity
- Inline Homogenizer with Recirculation for Stable Suspensions
- Transfer Pumps to Deliver Final Product to Filling Line
- Load Cells for Highly Accurate Weighing
- Optional FLP (Flameproof) System for Hazardous Areas

SPM's Liquid Manufacturing Plant is designed with precision and compliance in mind-making it a trusted solution for pharmaceutical manufacturers aiming to achieve hygiene excellence and processing efficiency.