

ORS PROCESSING PLANT

Delivering hygienic, efficient, and automated solutions for high-quality Oral Rehydration Salts manufacturing.



HYGIENIC PROCESSING

Contamination free and GMP compliant manufacturing



ADVANCED TECHNOLOGY

Precision automation for consistent production



PHARMACEUTICAL QUALITY

Accurate formulation and product reliability



HIGH-SPEED PACKAGING

Efficient sachet filling and sealing solutions



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Complete Turnkey Solutions for ORS
Processing & Packaging



COMPANY OVERVIEW

Salvin Industries is a leading engineering and turnkey project company specializing in ORS Manufacturing Plants and powder processing solutions. We offer complete end-to-end services including plant design, equipment manufacturing, automation, installation, commissioning, and packaging integration. Our solutions are developed to meet the stringent requirements of pharmaceutical, nutraceutical, and healthcare industries while ensuring operational excellence.

Our advanced processing systems are designed to deliver accurate ingredient dosing, uniform mixing, superior product consistency, and hygienic manufacturing conditions. By integrating modern automation technologies and high-performance equipment, we help manufacturers achieve enhanced productivity, reduced operational costs, and reliable product quality that complies with industry regulations and quality standards.

With years of industry expertise and a customer-focused approach, Salvin Industries provides customized solutions tailored to diverse production capacities and business requirements. From concept development to final commissioning and after-sales support, we remain committed to delivering innovative, efficient, and sustainable manufacturing solutions that drive long-term growth and business success.

ORS PROCESSING FLOW



ORS Processing & Packaging Solutions



Key Features

- Pharmaceutical-Grade Processing
- Automated Production Systems
- Hygienic Manufacturing Standards
- High-Speed Packaging
- Advanced Mixing Technology
- Quality Assurance & Compliance
- Precise Ingredient Dosing

THE PROCESS

01 Raw Material Receiving

The manufacturing process begins with receiving pharmaceutical-grade raw materials such as glucose, sodium chloride, potassium chloride, and other approved ingredients. Each batch is inspected for purity, quality, and compliance with industry standards. Proper storage conditions are maintained to preserve material integrity. Only approved materials proceed to the production stage.



02 Weighing & Ingredient Dosing

All ingredients are accurately weighed according to the specified formulation using precision dosing systems. Proper measurement ensures product consistency and effectiveness. Automated dosing minimizes human error and improves process efficiency. This step is critical for maintaining formulation accuracy.

03 Dry Mixing & Blending

The weighed ingredients are transferred to advanced blending equipment for uniform mixing. The process ensures even distribution of all components throughout the batch. Controlled mixing helps achieve consistent product quality and composition. Proper blending enhances the effectiveness of the final ORS product.



THE PROCESS

04 Homogenization

The blended mixture undergoes homogenization to achieve a uniform and consistent powder structure. This process eliminates ingredient segregation and improves product stability. Advanced homogenization systems ensure optimal particle distribution. The result is a high-quality, free-flowing powder.



05 Quality Inspection

The product undergoes comprehensive quality checks to verify composition, purity, moisture content, and compliance with regulatory requirements. Samples are tested using advanced laboratory equipment. Strict quality control ensures product safety and reliability. Only approved batches move to packaging.

06 Automatic Filling

The finished ORS powder is automatically filled into pre-defined packaging formats using precision filling machines. Automated systems ensure accurate weight control and minimize product wastage. Hygienic filling conditions maintain product quality and safety. This stage improves production efficiency and consistency.



THE PROCESS

07 Sachet Packaging & Sealing

Filled sachets are sealed using high-speed packaging equipment to protect the product from moisture and contamination. Secure sealing helps maintain product effectiveness and shelf life. Packaging is designed for convenience and easy usage. Quality checks ensure proper seal integrity.



08 Cartoning & Packing

Sealed sachets are packed into cartons and secondary packaging according to customer requirements. Automated cartoning systems improve packaging speed and accuracy. Proper labeling and batch coding ensure traceability and regulatory compliance. Products are prepared for storage and distribution.



09 Finished Product Dispatch

Packaged products are stored under controlled warehouse conditions before dispatch. Efficient inventory management and logistics ensure timely delivery to customers. Proper handling preserves product quality during transportation. The finished ORS products are then distributed to the market safely and efficiently.



THANK YOU

FOR YOUR TIME & CONSIDERATION

We look forward to building a successful and **long-term partnership** with you through innovative processing solutions and reliable engineering expertise.

GET IN TOUCH



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SCAN TO VISIT

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CUSTOMER
SATISFACTION



SUSTAINABLE
GROWTH



ENGINEERING
EXCELLENCE



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TRUSTED
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