

Multi Stream Blending

Increasing competition. Handling more products. Shorter delivery times. DSI Process Systems has the innovative approach to solve your processing issues.



DSI Process Systems Multi Stream Blending System is a modular skid approach to meet any type of product configuration or process requirement.

Benefits

- Achieve repeatable and reliable operation with an automated process control system
- Achieve higher yields and product quality with precision metering technology
- Increase efficiency and labor utilization with hands free computer operation
- Provide greater flexibility with faster product changeovers
- Increase capacity with minimal capital investment compared to traditional expansion



DSI Process Systems
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Make sure your processing system is flexible and adaptable...



Specifications

Capacity	3,000 – 16,000 GPH
No. Ingredients	2 to 10
Ingredient Accuracy	± 0.20% By weight (product dependent)
Viscosity	1-10,000 cps
Pressures	0-200 psig

Features

- Ingredients Received in Bulk, Totes, and Drums
- Continuous, Semi-Continuous and Batch Blending
- Self-Monitoring PLC Control System
- Automated Blend Settings and Recipe Management
- Automated Clean Out and Run Out Modes
- Production Reporting
- CIP (Clean In Place) Capability
- In-Line Mixing using Static or Dynamic Mixing
- Modular Concept Provide Universal System Integration
- No Dump Start Up
- Controls and Software that “Guide” the Operator Through the Entire Operation
- Process Modules Designed on 8’ x 3’ Tubular Framework
- Incorporate Dry Ingredients with DSI Process Systems Dry Ingredient Blending Module
- Expand the System by Adding Process Modules

DSI Turn-Key Solutions

Staff experienced in the Beverage, Food, Pharmaceutical, Biotech, Petroleum, Personal Care Products and Chemical industries.

Each blending system includes complete Process, Piping, Mechanical, Electrical, and Controls engineering.

Fabrication of each blender is done at DSI with engineering, fabrication and testing performed in one facility.

Installation and Start-Up Assistance available.

Field Equipment and Process Piping Installation for a complete “Turn-Key” solution.

Project management, systems engineering, and drafting services are available.

Make sure your process system has DSI Process Systems.

Process/CIP Design
Automation/Electrical Design
Fabricated Modules/Components
Installation
Project Management
Commissioning/Training
System Integration
Design/Build Projects



We serve the following industries:
Carbonated and Non-Carbonated Beverages,
Juice, Water, Food, Dairy, Pet Food, Personal
Care Products, Pharmaceutical, Household
Goods and Specialty Chemical.