



Ethanol Blending Systems

General Description

Chemtec ethanol blenders are flexible in design and offer a wide range of component selection. Unlike competing products that are highly inflexible, Chemtec ethanol blenders are designed to meet all user defined specifications for product design, flow meter, control valve, and controller selection. The flexible design ensures that each blender meets the requirements of the project - not the blending limitations of the manufacturer. Each blender is designed to provide the user with a prefabricated, complete, stand-alone solution for blending ethanol. Chemtec blenders provide for 1-4 streams and may be fabricated in the vertical or horizontal plane. Blend control may be provided by the Chemtec MicroPAC blend controller or a customer specified controller.



2-Stream Vertical
Ethanol Blender

Features

- Vertical or horizontal configurations
- Each skid supports up to four blend streams
- Galvanized steel structure with powder-coated piping
- PD or turbine meter
- Control valve options including MOV, hydraulic, or pneumatic
- Blend control utilizing Chemtec MicroPAC or third-party blending electronics



4-Stream Vertical Ethanol Blender

TURNKEY
SOLUTIONS

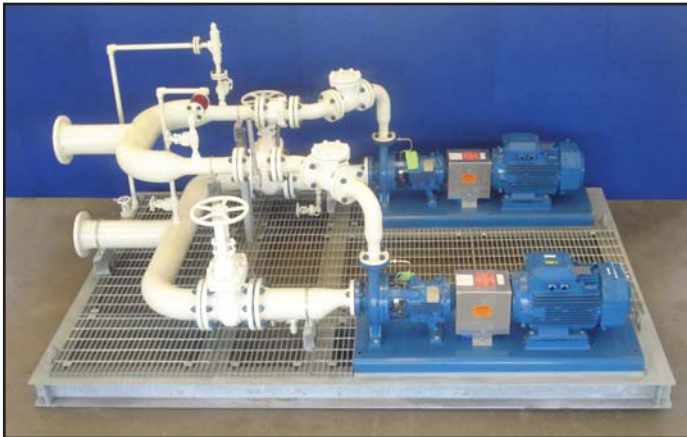
Chemtec offers complete turn-key solutions for blending fuels, additives, dyes, and other liquids. Solutions include design, fabrication, field installation, system start-up & commissioning, as well as product support and service.

Ethanol Pump Skids

General Description

For ethanol blenders to work properly, the ethanol supply pumps must be sized for the specific application. Chemtec ethanol pump skids are designed to provide the proper flow rate and pressure for ideal blender operation. Chemtec ethanol pump skids are typically built with centrifugal pumps and include all interconnecting piping and valves. Skid framework is galvanized and all piping is powder-coated thereby creating a high-quality and long lasting finish.

All manufacturing and testing is performed at Chemtec's modern facility located fifty miles north of Houston, Texas. Quality is ensured since all structural welding, pipe welding and product assembly is performed by qualified and experienced Chemtec employees.



Pre-fabrication

- Consulting
- Site survey
- CAD
- Component purchasing

Fabrication

- Structural welding
- Painting or hot-dip galvanizing of structural steel
- Pipe welding
- Painting of pipe & components
- Component mounting & assembly
- Electrical conduit & wiring

Testing

- Hydrostatic pressure testing
- X-ray testing & NDT testing
- 100% full-function testing

Documentation

- Product manuals, documentation, & test results
- CAD drawings
- Disassembly and preparation for domestic or international shipment

On-site Services

- Skid installation
- Startup/Commissioning
- Operational training for local personnel

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