



PROCESS SKIDS

Carotek offers custom integrated process skid fabrication for mechanical and electrical skid mounted process systems that are pre-wired and mounted on a common base to meet your specific design and process requirements.

Carotek is your single source solution for custom integrated process mechanical skid packages including control panels. We are a process skid manufacturer of choice for Power Generation, Chemical Process and Pulp & Paper, general industries and engineering firms.

Contact us today for a customized quote at carotek.com/process-skids.

WHY CAROTEK PROCESS SKID FABRICATION?

- Skids are built in our state-of-the-art facility in Matthews, NC
- Our indoor fabrication facility means more control over production time with no weather delays
- FAT Tested in our shop for full check out before shipment, to get you online faster with no start-up problems
- Single PO for complete mechanical/electrical skids
- Component research, selection, purchasing and expediting
- On-site inventory of Pumps, Blowers, Heat Exchangers, Instrumentation, Valves, Filtration, Tanks, Seal Pots & Control Panels
- Full 3 D modeling documentation provided for every skid
- Project management for engineering, purchasing, and shop fabrication
- ASME Section IX Welding qualifications
- ASME Section VIII U and UM code stamp available
- QA Program assures you of project standards & documentation
- NDE inspections
- ANSI B 31.1 in accordance with your P+ID



PROCESS SKID SPECIALTIES

- Fuel Oil Unloading & Transfer Skids
- High Pressure Systems
- Truck Unloading Skids
- Pump & Blower Skid Packages
- Heat Exchanger Skids
- Water Treatment Skids
- Balance of Plant System Skids
- Chemical Process Skids (Metering Skid, Injection Skid, Dosing Skid, Feeding Skid, Transport Skid, Blending Skid, Extraction Skid, Filtration Skid)



FABRICATION FACILITIES

Carotek's process skid fabrication facilities are designed to handle many different types of Process Skids with the highest quality control. Today, our facilities encompass 85,000 SF including:

- 25,000 SF Main Mechanical Fabrication Shop
- 5,000 SF additional fabrication and lay-down facility
- 15,000 SF UL/CSA Panel Fabrication Shop
- 12,000 SF Warehouse and valve automation center
- 28,000 SF Office
- 25 Ton / 10 Ton / 5 Ton Cranes
- 2 Paint Booths
- Drive-in & Pull Through Loading Docks
- Complete Testing - Electrical, NDE, Hydro, Pneumatic, Valve Assemblies, Pump Packages, Mechanical Engineered Packages & Electrical Control Systems



FABRICATION CAPABILITIES

- Stainless and Carbon-steel piping and structure
- Electrical layout and design, wiring and testing
- Mechanical assembly
- Instrumentation and Valve installation and calibration
- Pipe fitting/Welding, and installation
- Structural fabrication
- Welding done by certified experienced and highly skilled staff
- Fully equipped for a wide variety of projects involving carbon steel, sanitary piping, aluminum and Hastelloys, Inconell and other exotic metals
- Insulation
- Painting
- FAT testing



For more information on the following offerings, please reference the respective brochures.

CONTROL PANELS

Custom control cabinets and integration. PLCs, HMIs, VFDs, complete design, software development & startup.

ADDITIONAL PRODUCT LINES

- Instrumentation
- Valves
- Pumps
- Blowers
- Steam & Hydraulics
- Heat Exchangers
- Filtration
- Control Panels

SERVICE & REPAIR

- Pump Repair
- Valve Automation
- Instrumentation Calibration
- System Start-Up
- Steam System Services
- Field Repair
- Training



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For Additional Information

Call **704.844.1100** or
Visit **carotek.com**

