FRP tanks, piping and process equipment

Specifications and information for your enquiry

SBCCO-China supplies corrosion-resistant FRP tanks, pipe, ductwork, scrubbers, covers, internals and access products from China. Equipment is selected for the actual liquid or gas, concentration, temperature, pressure and installation conditions. Shop fabrication, transportable sections and site assembly are evaluated with the project team.

Cylindrical tanks	DN500–DN25,000 mm in the product list; rectangular tanks are custom-sized. Transport and project design determine the final arrangement.
Pipe and fittings	25–4,000 mm in the FRP piping brochure. The product list also includes DN20; confirm the selected construction at the small-diameter end.
Scrubber shells	DN500–DN25,000 mm listed as a fabrication range, subject to duty, structural design and transport.
Construction	Filament winding or contact moulding, with resin system, corrosion barrier, reinforcement and cure requirements specified for the equipment.
Rating and laminate	Pressure, vacuum, temperature, wall thickness and nozzle loads are established for the individual item; diameter alone is not a rating.

Selection basis

Start with the complete operating envelope, including cleaning, startup and upset conditions. An atmospheric tank can still experience vacuum during draining or a blocked vent. Pipe supports, flange loads, lifting points and the site environment belong in the design review. For a retrofit, survey the existing interfaces before assigning responsibility for fit-up. Where abrasion accompanies corrosion, describe the solids rather than asking for a corrosion-resistant resin alone.

Documented project references

PASAR acid-service pump tank

The 2019 FRP reference list records one 47 m³ pump tank for PASAR. SBC's packing list dated 12 June 2019 records the pump-tank shipment at 4,090 kg net and 6,500 kg gross, with a 5,100 × 5,100 × 4,300 mm shipping envelope. Those dimensions describe the packed shipment. They are not the tank's internal dimensions, and the gross weight is not the vessel design weight.

28 m³ acid wash column for FLSmidth

The FRP reference list records one 28 m³ acid wash column for Crimar / FLSmidth in June 2016, with ASME RTP-1 as the recorded design code. This is a project reference for a particular vessel and service. A new column requires its own chemical duty, dimensions, laminate design and inspection requirements; the historical code entry is not a claim that every fabricator holds an ASME authorization.

Reference supplied by our sister company, Crimar Industrial.

Send these conditions with your drawing

Fluid or gas composition, concentration, normal and upset temperature, pressure and vacuum, volume, dimensions, nozzle schedule, support loads, resin restrictions and the site wind or seismic basis.

Include quantity, required site date, destination, drawing revision and the inspection documents you need. A preliminary enquiry can identify values still to be confirmed. Manufacturing follows the agreed final specification.

Contact and enquiry

Send your service conditions online

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Supply ranges and project examples are selection references. Confirm the applicable construction, standards, rating and inspection requirements for the new duty. This guide does not offer stock, fixed delivery dates or an equipment performance guarantee.