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BUIDING INDUSTRY PRODUCTS AND CHINESE FAMOUS BRAND

## Hengshui Jiubo Composites Co., Ltd.

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# Enterprise profile

Hengshui Jiubo Composites Co., Ltd. is professional manufacturer of FRP Pipe, FRP storage tank, FRP cooling tower, FRP molded products, FRP pultruded products and relative FRP production machines & technology, we have two international sales branches—Hengshui Aoliande Trading Co., Ltd. and Hengshui Gains Trade Co., Ltd, through the continuous development and introduction of professionality and technology, our company rely on advanced technology, exquisite craftsmanship, reliable quality and perfect service, passed ISO9001, ISO14001, OHSAS18001 management system certification, now we have 300 staff, annual sales of glass fiber reinforced plastic series products achieved 20,000 tons, products have been sold to all over the world, USA, Brazil, Japan, Germany, India, Malaysia, Iran, Egypt etc, and won the support and trust from new & old customers.

#### **Major products:**

FRP tank and chemical equipment

FRP high, medium & low pressure pipe

FRP grating

FRP manhole cover

FRP SMC water tank

FRP fan

FRP cable tray

FRP septic tank

FRP molded & pultruded products

Electrolytic cell

S/F, F/F oil sto age tank

Whole set of filament winding machine & technology for FRP pipe & tank

Whole set of FRP pultrusion machine & technology

Whole set of FRP molded machine & technology

**Hengshui Jiubo Composites Co., Ltd.** not only have manufacture ability, but also has design ability of material, structure and products, our company can provide customers with technical advice, supply of goods and material, transportation, installation supervision etc service.

#### Main application:

Urban water supply and drainage

Desalination of sea water

Chemical industry

Metallurgy

Brewing

Electric power

Oil storing

Sewage treatment

Building

Municipal works

Highway facilities







#### FRP tank & chemical equipment

FRP/GRP tank be produced by computer control filament winding process, use different resins and fiberglass to satisfy client's requirements, it's features are corrosion resist, light weight, high strength, long service life etc.

Diameter: DN600-DN25000mm

Volume: upto 2500m<sup>3</sup> Type: vertical, horizontal















## FRP pipes & fittings

FRP/GRP mortar pipe is composed of inner layer, wound layer, resin-mortar layer and external corrosion resist layer, it's density is 1.7-2.1, equals to 1/5 of steel pipe, 1/4 of ductile iron pipe, it has excellent properties-corrosion resist, good hydraulic property, shock-resist, easily installation etc.

Diameter: DN15-DN4000mm

Pressure: gravity, 0.6MPa, 1.0MPa, 1.6 MPa, 2.0 MPa, 2.5MPa

Stiffness: SN2500, SN5000, SN7500, SN1000

Connections: spigot & socket joint with double O rings, Butt & strap joint, flanged joint etc.

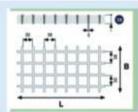


## FRP grating

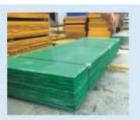
FRP/GRP grating use high strength fiberglass roving as reinforcing material, together with unsaturated polyester resin, be widely used in the power generation, sewage treatment, oil refining and oceanographic survey fields as work floors, stair treads, and trench covers etc.

Mesh size: 25\*25\*25, 38\*38\*38, 50\*50\*50

Standard size of one panel: 1220\*3660, or customized













## FRP SMC water tank

SMC FRP/GRP Panel Tanks are an ideal way to store water. The panel tank is a modular system, which then enables a tank of any desired size to be assembled and constructed on site.

Volume: 0.125m3-1000m3

Specification:

Size of panel: 1000mm × 1000mm, 1000mm × 500mm, 500mm × 500mm,

Accessories

Internal accessories:

Inside ladder, flange, tie piece, support, tie piece board;

External accessories:

Outside ladder, fixing angle iron, auxiliary angle iron, rubber strip, plugging, silicon glue, bolts and nuts;











## FRP cooling tower

FRP cooling tower consist of tower body, fan, motor, gearbox, filler, water distributor & pipe, it's be widely used for chemical plant, steel & iron plant, hotel, hospital, public building etc.

Type: counter flow, cross flow Volume: 10m<sup>3</sup>/h-6000m<sup>3</sup>/h

Shape: round, rectangle



## FRP cable tray

Material:FRP, steel, aluminum alloy

Type. Lac der type, perforated type, trough type

Standard size:100\*100mm, 200\*150mm, 300\*50mm, 100\*50mm, 200\*100mm,

300\*150mm or Customized

Height:30-50cm or Customized









#### FRP electrolytic cells

Electrolytic cells are cast monolithically and consist of three layers, inner layer is monolithic tank which made with multiple layers of fiber-reinforced vinyl ester resin (FRP) be as chemical barrier, middle layer is the structural core which made with patented polymer concrete, it provides long-term structural integrity with low thermally-induced stresses, outer layer is seal layer of FRP that further protect the structural core from electrolyte splashes and spills, be widely used for refining of nonmetal, like cooper, zinc, lead, nickel etc.







## S/F dual-layer oil storage tank

S/F tank is dual-layer storage tank, S means steel, FRP mean FRP, inner layer is made from 6-8mm steel plate, outer layer is made of fiberglass reinforced plastics, to provide excellent shock resist, corrosion resist, electrical erosion resist etc, be widely used for oil station, large-scale chemical plant, refining plant etc.







## FRP molded products









FRP manhole cover



FRP anti-Dazzling board

# FRP pultrusied profiles



FRP beams



FRP wind & dust controlling panel



FRP platform & handrail



FRP solid bar



FRP hollow tubes

## **FRP fans**



## FRP pipe production line & auxiliary equipments

FRP/GRP pipe Production Line has six parts, such as inner layer manufacturing machine, computer control adding mortar-winding machine, curing station, trimming machine, mould unloading machine and resin mix station. Its controlling center has been adopted the Taiwan's advanced STD industrial control computer, if the parameter of the wound products being inputted the computer, the design of the linearity for winding of the product will be finished automatically.

Diameter range: DN15-DN4000mm

Length: 2m, 4m, 6m, 12m









Hydrostatic pressure test machine

Stiffness test machine



## FRP tank production line and auxiliary equipments

Diameter range can be produced: DN600-DN25000mm

Winding angle:  $45^{\circ} < \alpha < 90^{\circ}$ 

Length: depends on clients' requirements









Spraying of inner liner

Filament winding

Vertical wound machine on jobsite







Steel mold

Steel mold

Spraying gun

## **FRP Pultrusion machine**

FRP pultrusion is one of new FRP production processes, it's formation easily, main material are fiberglass and resin, it is a continuous process for the manufacture of products having a constant cross section, such as rod stock, structural shapes, beams, channels, pipe, tubing, fishing rods etc.

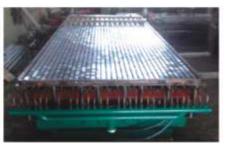


## FRP molded machine

Be widely used for production of FRP septic tank, FRP manhole cover, FRP SMC water tank, cable support, meter box etc.







Molded machine

Production of septic tank

Production machine of FRP grating

## water conservancy facilities











