

FRP SOLUTIONS OFFERED BY IMM



Exhaust System

IMM/COROSEAL PARTNERSHIP

Industrial Machine & Mfg. Inc. (IMM) now offers Fiber Reinforced Plastic (FRP) Solutions through a partnership with Coroseal Chemical Equipments Pvt. Ltd.

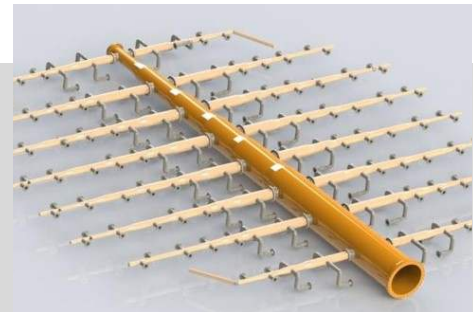
Together, the focus will be on significant solvent extraction projects in North America, offering alternative solutions using FRP/Composites in the oil and gas, mineral extraction, and water and wastewater industries.

WHO IS COROSEAL?

Coroseal Chemical Equipment's Pvt. Ltd. is a market leader in the field of design, manufacturing, supply & erection of Glass Fiber Reinforced Plastics (GRP) and thermoplastic lined GRP products. The company has become a major FRP system manufacturer in South Asia with a state-of-the-art manufacturing facility. They manufacture FRP tanks, vessels, ducts, fittings, pipes, grating, stacks, chimneys, and dampers for mining, oil/gas, water/wastewater industries.

WHAT IS FRP?

One of the most commonly used composite materials is Fiber Reinforced Plastic (FRP) or Glass Fiber Reinforced Plastic (GRP). This composite is a combination of Glass infused fibers either in a matt or filament form mixed with polymer-based component called resin. Both Glass fiber and Resin are available in variety of categories and are combined depending on the physical properties and chemical resistance to be achieved.



FRP Header

BENEFITS OF FRP

- Excellent corrosion resistance
- Excellent strength-to-weight ratio.
- Note: Strength-to-weight ratio of FRP pipes is higher than steel or other metallic pipes.
- Easy for handling and transportation.
- Dimensional stability
- Non-toxic
- Low coefficient of friction (>25% better than steel)
- Good abrasion resistance
- Suitable for both aboveground and underground applications
- Resistance to biological attacks like bacteria
- Non-conductive to electricity
- Low maintenance cost

IMM

CCE
COROSEAL

COROSEAL CAPABILITIES

FRP SOLUTIONS OFFERED BY IMM

TYPES OF FRP

GLASS FIBRES

Chopped Strand Matt
Woven Roving
Uni-axial Filament strand
Bi-axial Matt
Tri-axial Matt

RESIN

Bisphenol
Isophthalic
Vinyl Ester
Epoxy
Phenolic

DUAL LAMINATES

PP/FRP
PPH/FRP
PVC/FRP
CPVC/FRP
PVDF/FRP

MISCELLANEOUS

Acrylic
Polycarbonate
Mild Steel

THERMOPLASTIC

Polypropylene (PP)
Poly Vinyl Chloride (PVC)
Chlorinated Polyvinyl Chloride (CPVC)
Polypropylene - Homopolymer (PPH)
High Density Polyethylene (HDPE)
Teflon

FRP APPLICATIONS



Caustic Storage Tanks



FRP Tanks



Scrubber



FRP Mixer Settlers



INDUSTRIES SERVED

CHEMICAL /PROCESS
WATER & EFFLUENT
TREATMENT
PETROCHEMICAL
METAL & MINING

PAPER & PULP
ENVIRONMENTAL
APPLICATIONS
IRRIGATION & WATER SUPPLY



HCL Header System



SCAN ME!



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