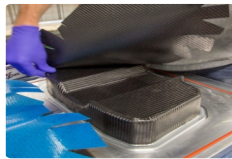


3d printing



Carbon Fibre



Passenger Drone



Wind Turbine



AGV Covers

Sarman Tech

Prototypes

Scale down models

RFID Conveyor System

Automation Products

www.sarmantech.in

www.sarmantech.com

Our Services

Design for Manufacturing /
Optimize for Cost / Lead Time
/Manufacturing Process /
Performance / etc

DFM



Static / Dynamic / Vibrational /
Modal / Crash Analysis /Weight
Optimization / etc. of structures
across various materials including
composite materials.

FE Analysis



Design from scratch based on
provided inputs / Design
Validation / etc. in the realm of
composite materials

Design



Rapid Tooling

With a combination of 3D printing
and Machining, TIS also
specializes in rapid Tool
manufacturing providing great
cost and time advantage to
clients.



Mass Production

TIS currently has limited
capacity to mass produce and has
several partnerships with other
manufacturers for high volume
production needs.



Sarman Tech consists of a team of experienced work force to provide a wide range of Composite Engineering Works, services and products in order to satisfy and meet the requirement of customers

We provide a wide range of Fiberglass Reinforced Plastics Manufacturer related products, such as FRP Centrifugal Fan, FRP Chimney, FRP Door, FRP Ducting & Fitting, FRP Pipe & Fitting, FRP Scrubber, FRP Tank, Fumecupboard, Oil Interceptor, Panel Tank, FRP Grating, FRP Cable Ladders & Tray, FRP Structural Profiles, FRP Handrails and FRP Lining/Coating.

We also have Custom Design and Fabrication products to cater variety kind of requirement and needs in the industry. In addition to "in house" manufacture we also undertake site work and fabricate in PVC, Polypropylene , HDPE, PPGL Acrylic and Polyethylene with or without GRP reinforcing.

From a simple moulding to product requiring multi - part moulds or from "one - off's" to production runs Sarman Tech is your No 1 choice for glass reinforced products.

www.sarmantech.in

www.sarmantech.com

Passenger Drone



Manufactured a Drone cabin prototype for IIT Hyderabad, India. in the year 2022.

Construction of passenger drone
Pattern : 3D printing
Mould : FRP
Seat and Cabin : Carbon Fibre
Windshields : Plexiglass



	
Sheets CNC Cut	Sports car Seat
	
Wind turbine shaft for blade	Tubes

Carbon fiber has a leading position in the market for manufacturing composite materials.

The laminate features light weight, strength and a unique luxurious appearance.

All carbon fiber parts and products are manufactured with high quality epoxy resins.

We can manufacture products according to your specific quality and strength parameters.

FRP : Fibreglass Reinforced Plastic Composite Products

Air Pollution Control Equipment

Scrubber
Blower
Duct
Chimney
Dust Collector
Fume Exhaust System
Axial Flow Fan
Hoods



Storage Tanks

We offer a full range of plastic, steel and GRP (fibreglass) water tanks, cold water tanks for the loft and large galvanised steel water tanks for agricultural use.

Food grade water containers that are suitable for potable (drinking) water, chemical storage, waste water and general cold water



Fibreglass vacuum infusion & Bagging method

Fibreglass hand & spray lay-up method

Engineering & Parts Design

We are experienced with the most popular design softwares. Engineering and parts design services we offer:
Industrial drawing (2D & 3D)
Prototype and Moulding design
3D Modeling
2D to 3D drawing conversion
3D exploded views and presentations
Structural analysis



Pipe Line



Fume Cupboard



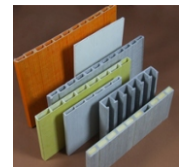
Chambers



Boats



Windmill
Nose Cone



GRP sheets
and Profiles

Kiosks and Digital Display

Interactive Kiosk and Digital Display Standee:



End to end RFID solution for
E-Library
E-Jewellery
E-Garments

TOUCH SCREEN KIOSK

Freestanding LCD Totem with Touch Screen for Digital Signage
Our digital signage Touch Screen Kiosks are designed to advertise, inform or entertain and are the ideal choice for a wide range of applications including airports, hotels, retail stores and museums to name a few.

These freestanding digital posters can be easily installed with little disruption unlike other digital advertising screens that require wall mounting and wiring.

e- LIBRARY



Intelligent Shelf



Self Service Kiosk



RFID Gate



Conveyors System for Garments

Book Sorting Unit for Library



Automatic Sliding Barrier Gate Access Control



Simulators

We Fabricate and assemble the machines as per the clients requirement and design.



Haptic simulator Machines

Welding and Spray painting simulator Machine Kiosk for Skilveri



rfid Equipments

3D Printed Scale down Models

Scale down Models



6feet Height
Tower of Pisa



6feet Height
Statue of Liberty



7feet Height
Eiffel Tower

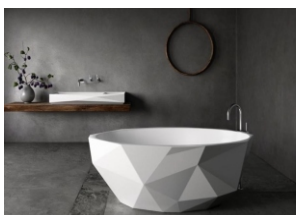


10feet Height
Tree Model

We made large size 3D printed products up to 10 feet height 3d printed parts will be used as a mould and we take Composite FRP products from them. Epoxy coating will be given to protect the product from all weather conditions.



7 feet Square Taj Mahal



6 feet dia Geometric
Pattern Bath Tub



9 feet length AGV Battery
swapping station



5 feet length
Colosseum



5.7feet Height
passenger Drone

Polycarbonate Tanks and Reactors



Polycarbonate pressure tank for underwater sea research



Polycarbonate Vacuum Chamber



1000 litres capacity Tank



Spiral FRP Rod



Teflon Process Tank



Mano Meter



Teflon Pressure vessel



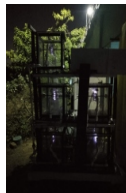
Polycarbonate Reactor for Medicine research

IIT MADRAS Projects



“Sustainable Zero-Energy Prototype for Desalination Coupled Wastewater Treatment”

Continuous flow pulsed power plasma reactor for the treatment of aqueous solution containing volatile organic compounds and real pharmaceutical wastewater



Ion exchange membrane Bioreactors

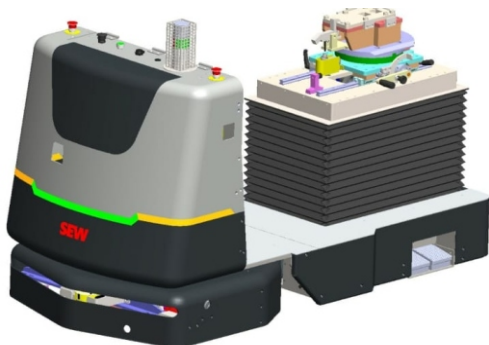
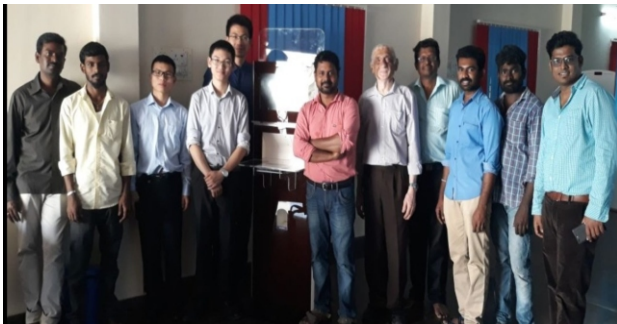


IIT Hyderabad

“Full Scale Passenger Drone Prototype”



We manufacture Complete E- Library, E-Jewelry and E-Garment management Systems, conveyor System, Various Automation Products and security Products with 2cqr Automation.



Various Automated Guided Vehicles covers manufactured using Fibreglass Reinforced Plastic, Acrylic, Aluminium, MS and SS

We Supply Guards, Body covers, LED Modules for the AGVs
Large sized battery swapping station made with MS and FRP for SEW Eurodrive



Metal Fabrication

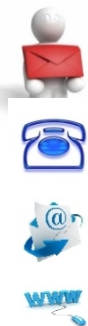


“Heavy fabrication is a complex discipline that requires the careful coordination of many teams to machine, mold, assemble, coat, and deliver large steel applications. These heavy fabrications include pressure vessels, penstock, casing, standpipes, reservoirs, and a huge variety of shop-built tanks.”



Our Clients

 2cqr Automation				 ECO GROUP OF COMPANIES ECOSYSTEM RESOURCE MANAGEMENT (PVT.) LTD. ECO-CLIM SALES & SERVICES	
					
					
					
					
					
					
					



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