



PASSAT BULGARIA

Competence in Fiberglass

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History

- ▶ **Passat Bulgaria is the highest quality GRP manufacturer in Bulgaria**
- ▶ Location: Tsarevo, Bulgaria. Production started back in the 80's as the largest Bulgarian fiberglass factory manufacturing cutters for Communist Block Navy with overall length of up to 26,5 meters. In 2004 on the basis of this production a new private entity was established as Passat Bulgaria JSC as continuation of the thirty-year-old tradition of the old factory Passat AD. The profound experience of our company's engineers is our key advantage.

HIGHLIGHTS

- ❑ Passat Bulgaria Jsc is the representative of 30-years-old traditions in producing wide range of fiberglass products.
- ❑ The leading fiberglass producer in Bulgaria with long term export relationships to Norway, Denmark, Israel and Italy.
- ❑ Producing large range of fiberglass products, including products after models of the buyer.
- ❑ In possession of Applicator Company (Sweden) equipment and it is able to implement high quality GRP products by hand-laminating, vacuum forming, some RTM method forming.
- ❑ ISO 9001:2008 certified company



by Germanischer
Lloyd certification

Passat Bulgaria Jsc experts are part of the team that have built various fiberglass constructions the most significant of which are as follows:

1. Catamarans. Produced for Norwegian company



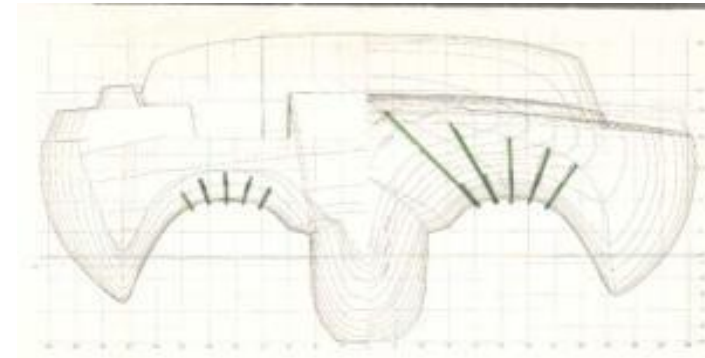
- ❑ Max length 14,2 m
 - ❑ Max breadth 8,0 m
 - ❑ Max draught 0,6 m
 - ❑ Engine 2 x 45 HP
 - ❑ Velocity 12 knots
- * This is not a serial product



2. Trimarans

- Length 16,55 m
- Breadth 7,51 m
- Draught 1,40 m
- Max speed 9 knots
- Displacement 21 MT

* This is not a serial product



3. Boats for fishing and pleasure

- ❑ Tourist and fishing boats with overall length 3,2–6 m
- ❑ Fiberglass canoes



4. Life-saving Equipment

Life-saving equipment for ships, yachts, motor and fishing boats.



- ▶ **Technical parameters:**
- ▶ Overall Length – 1,20 m
- ▶ Height – 0,28 m
- ▶ Width – 0,40 m
- ▶ Displacement – 137 kg



5. Waterslides

Waterslides of different configurations with overall length 6 000 m.



Within the period 1995–2004 there have been produces and installed waterslides in aqua parks in Egypt, Greece, Macedonia, Ukraine, Russia and Bulgaria

6.Designers Products

We have manufactured various products for Bulgarian designers.

Term of use – up to 30 years or even more



6.Designers Products

We have manufactured various products for Italian designers. <http://in-es.com/#home>



7. Specialized fiberglass products

FRP Wet Electro Filter Cover for sulphuric acid production line. (Ordered by a world-leading metal production company).

- High resistance to changing atmospheric conditions, high working pressure and aggressive work environment.
- Diameter: 5.20 meters
- Weight: 2 tons



7. Specialized fiberglass products

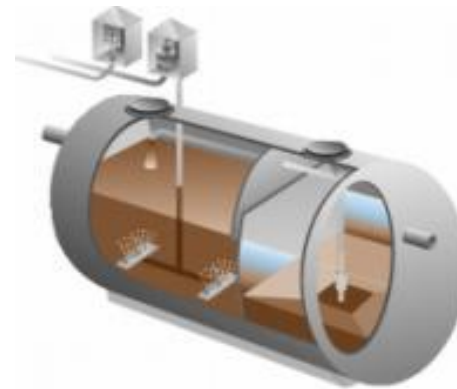
Floating pipe holder

- ❑ Floating pipe holders are used for industry purposes when it is necessary to float pipes hundreds of meters above the water level for a long time.
- ❑ Hermetically closed and sealed by a 4 layer GRP design. They are resistant against UV light and good for heavy duty applications.
- ❑ The floating pipe holders are positioned on a certain distance from each other depending from the weight of the pipe.



8. Wastewater treatment

- ❑ Wastewater treatment installations for 5 up to 500 people
- ❑ GRP vessel ensures no infiltration and no wastewater leakage in the soil
- ❑ The necessary parameters of the treated water achieved



9. Waste Separation Containers

Capacity 1.5 m³

- ❑ Width 1 110 mm
- ❑ Length 1 110 mm
- ❑ Height 1 510 mm
- ❑ Weight 65 kg



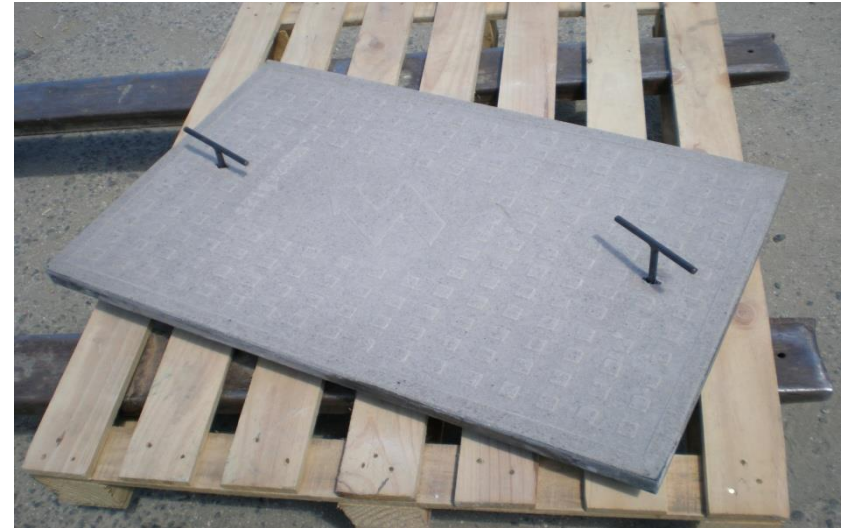
Capacity 1.1 m³

- ❑ Width 1 110 mm
- ❑ Length 1 110 mm
- ❑ Height 1 440 mm
- ❑ Weight 59 kg



10. Polymer concrete shaft covers and single, double and triple frames for them

- ❑ They are used to cover cable shafts
- ❑ Class B 125
- ❑ During tests the covers had substantially exceeded the standards of their class reaching destruction limit of 190 KN
- ❑ High corrosion stability
- ❑ Term of use – 30 years



11. Child slides and playground equipment



12. Hoods for 4WD SUVs

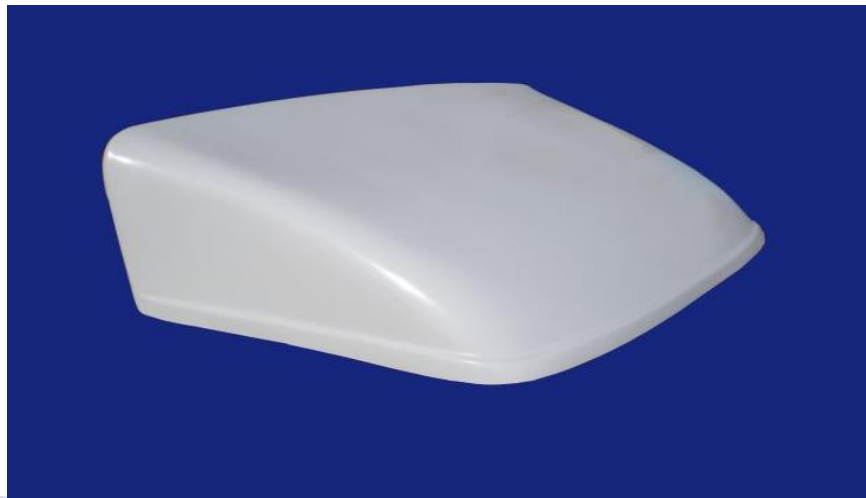


13. Fiberglass insulations for refrigerated vehicles.



14. Truck spoilers

- ❑ Custom made automotive hardtops for vans, trucks, and busses
- ❑ Improved aerodynamics to lower fuel consumption
- ❑ Available in any RAL color



15. High-performance 2-way low profile on-the-move satellite antenna cover

- High-end finish
- Frequency band:
Receive: 12.25–12.75 GHz
Transmit: 14.0–14.5 GHz
- Produced by vacuum
infusion technology



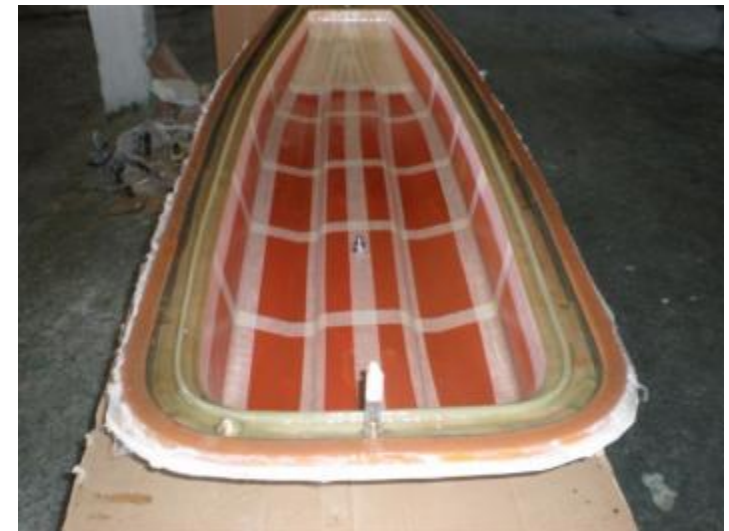
16.Sledges.



17. Equipment

- ❑ Automotive painting chamber
Termomecanica (Italy)
- ❑ 4-colored gel-coat spray machine
Aplicator, (Sweden)
- ❑ Two Roving mat machines
- ❑ Low pressure RTM (Resin Transfer
Molding) technology

We are ready to extend our
current automotive production
lines.



18. We produce also:

- ❑ Offshore petrol station life boat equipment
- ❑ Satellite dishes
- ❑ Reservoirs for agriculture and chemical industry
- ❑ Automobile spare parts
- ❑ Antennas for radio-relay stations
- ❑ Marina pontoons etc.
- ❑ Different types of biological toilets (average per year – 1500)

**Our entire product range comprises approximately 100 items.*

*** Before the collapse of the communist system the team used to produce Fiberglass trawler for military purposes with overall length 26,5 m.*



by Germanischer Lloyd
certification

19. Current capacity :

- ❑ Production per year 670 t.
 - ❑ Production premises 6 000 m²
 - ❑ Territory of the plot 42 000 m²
 - ❑ 21 to 40 full time employees
- * No constraints in terms of working force and space



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