WORKRIBS 6.35
FAST RESCUE BOAT
‘The test results showed that it fared well above the minimum requirements.’
Why to choose

The WrH635frb was the first model developed as a 15 persons fast rescue boat for survey and standby Vessels. There was a demand for reliable fast rescue boats for the professional market. Many years of experience operating and maintaining fast rescue boats were used during the design and fabrication of the WrH635. This model excels in operability, manoeuvrability, reliability and durability which is unique for this market. All of the fast rescue boats critical items have been considered and has resulted in an ultra-strong hull, a well-protected tube, very reliable electrical system and secure propulsion using two Yamaha outboard engines.

The WrH635 is self-bailing as the floor of the boat is higher than water level, even while the boat is not running at speed. This is a unique system for this size of fast rescue boats and increases its level of safety and comfort. The boat is certified according to soLas/MeD. This means that the boat has been reviewed and tested against a variety of regulations. The test results showed that it fared well above the minimum requirements.

Certified safety

All our boats are managed and built according to a certified quality management system developed specifically for Work ribs Holland. The company works according to an iso 9001 quality system and holds a MeD module D for the fabrication of the fast rescue boats. Work ribs Holland uses Lloyds register of shipping as a certifying authority. Each prototype is tested under very severe conditions according to soLas/MeD. These tests simulate the most demanding circumstances; it ensures that the rescue boat is ready for operation.

The boat has to pass the following tests:
- Endurance, speed and fuel consumption test;
- Damage, stability, loading and self-righting test;
- Several operational tests;
- Strength, Impact and Drop test and operation following the ‘strength, Impact and Drop’ test.
WORKING WITH TECHNOLOGY

**Buoyancy tube**
The buoyancy tube is made of orca Neoprene-Hypalon fabric: Polyester High tenacity 1670 dtex. This fabric meets the highest level of weatherproof, chemical and abrasion resistance. The tube is constructed out of 5 chambers, each chamber easy to inflate and deflate using its own valves. The tube is fabricated with the highest accuracy to ensure a perfect seal preventing any leaks. The sides are provided with a neoprene rubbing strake on both sides and the bow is provided with special bow protection.

**Deep V hull construction**
The GrP hull is the foundation of a rigid inflatable boat and is designed and fabricated according to strict specifications. All of our hulls are fabricated with a hand lay-up lamination process under the proper temperature and humidity levels. The hulls are constructed from a fire retardant polyester resin reinforced with a balanced number of layers from different types of glass fibre and woven roving. This ensures for an extremely strong and rigid hull, unique on the market.

**Best of both worlds**
When you purchase the WH635frb you get a multipurpose rigid inflatable boat as it excels as being a perfect workboat and a fast rescue boat. “Our rigid Inflatable boats were developed to meet the requirements for the most demanding circumstances, and we adapted and improved our workboats to be certified by SoLas. I am proud that we have one of the toughest, most functional, reliable and certified, turn-Key rescue boats on the market today” Richard Kossen - GM Work ribs Holland B.V.
## GENERAL ARRANGEMENT SPECIFICATIONS

### Capacity

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum number of persons</td>
<td>15</td>
</tr>
<tr>
<td>Maximum load</td>
<td>1,237.5 kg</td>
</tr>
<tr>
<td>Max gross weight (Own weight and all loads)</td>
<td>2,612.5 kg</td>
</tr>
<tr>
<td>Floor board useable area</td>
<td>7.5 m³</td>
</tr>
<tr>
<td>Buoyancy tube volume</td>
<td>3.0 m³</td>
</tr>
</tbody>
</table>

### Dimensions

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall length</td>
<td>6.35 m</td>
</tr>
<tr>
<td>Inside length</td>
<td>5.40 m</td>
</tr>
<tr>
<td>Overall beam</td>
<td>2.80 m</td>
</tr>
<tr>
<td>Inside beam</td>
<td>1.65 m</td>
</tr>
<tr>
<td>Weight empty incl. fuel and engines</td>
<td>1.375 kg</td>
</tr>
<tr>
<td>buoyancy tube diameter</td>
<td>0.57 m</td>
</tr>
<tr>
<td>Number of buoyancy compartments</td>
<td>5</td>
</tr>
<tr>
<td>transom height</td>
<td>0.70 m</td>
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</tbody>
</table>
**Engine power**

- **Engine power**: 2 x 70 hp to 2 x 90 hp
- **Engine weight**: 2 x 120 kg
- **Propulsion**: Propellers
- **Max. speed**: 35 knots

**Constructions**

- **Hull**: Fire retardant GRP
- **Tube**: ORCA 866 1670 dtex 1500g/m2 HYPALON

**General**

- **Fuel**: 2 x 80 liter Petrol
- **Steering**: Hydraulic
- **Electrics**: 12 V.
- **Lifting**: 4 Leg Sling
1 Polyester hull  
2 Inflatable tube  
3 Rubbing strake  
4 Console with Instrumentation incl. waterproof VHF  
5 Steering wheel  
6 Compass  
7 Throttle  
8 Hand held search light  
9 Console and battery box  
10 Seat and fuel tank box  
11 Coxswain seat  
12 Crew seat  
13 Mast head light  
14 Port/stbd lights  
15 Radar reflector  
16 self righting frame  
17 Inflatable self-righting bag  
18 Gas bottle for self-righting bag  
19 Yamaha outboard engines  
20 Propellor protector  
21 Lifeline  
22 Lifting sling (4-leg)  
23 Bow protector  
24 Inflation valve  
25 Pressure safety valve  
26 Tube/transom strap  
27 Front deck cover, bowbox incl solas-equipment  
28 SS towing eye  
29 SS Lifting eye  
30 SS Lifting eye  
31 Hydraulic cylinder  
32 fire extinguisher  
33 Fuel fill opening  
34 Emergency steering handle  
35 Reflection tape  
36 Manually controlled search light (bulb 12V 50W)  
37 VHF antenna  
38 Board landing platform (option)
‘One of the toughest, most functional, reliable and certified, turn-Key rescue boats.’
Advantages of Workribs
- Strong handmade GRP hulls
- Custom built tubes
- High quality materials
- Waterproof electrical wiring systems
- Made to measure rigging equipment
- Seaworthy deep V-Hull
- Self-bailing when fully operational
- Safe and easy to hoist
- Low maintenance costs
- Easily interchangeable parts (in stock)

Work Area
Workribs rescue boats are deployed as fast rescue boats for seagoing vessels, the Oil and Gas Offshore Industry, Rescue Organisations as well as for specific Government missions.

Fabrication
Work Ribs Holland employs experienced personnel and works according to the ISO 9001 certified management system. Each boat is manufactured by specialists in their own discipline and all of our employees are well aware of the importance of working on Life Saving Appliances.
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