

WINBOAT

**Foldable and Classic Rigid
Inflatable Boats**



CATALOG

www.winboat.com

WinBoat - this trademark combines a group of companies specializing in Research and Development, Manufacturing and Marketing of Rigid Inflatable Boats (RIBs). Rigid Inflatable Boat is a light-weight but high-performance and high-capacity boat constructed with a solid, shaped hull and flexible tubes at the gunwale. Throughout the World, Rigid Inflatables are considered to be the safest and most reliable seaworthy vessels. They are widely used by Coast Guards, Rescue Teams and Special Forces, as well as recreational users all over the Globe. RIBs, developed, manufactured and tested by our team of specialists, are unique by it's patented design and manufacturing technology, mostly notable for our line of Foldable Rigid Inflatable Boats including our 15' Foldable Sailboat.



Our specialists' level of expertise in this field is second to none.

Creation, from blue prints to custom molds to rigorous testing, is performed by our R&D team.



Production team consists of two divisions:

- In-house manufacturing of PVC (Polyvinyl chloride) and PU (Polyurethane) tubes and collars.
- Plastic Works division with modeling, formation and fiberglass (also called glass-reinforced plastic or GRP) rigid hull fabrication departments. In all our products, we use German made PVC from HEYTex and MEHLER or Orca polyurethane from PENNEL & FLIPO, France.



Having the complete production cycle under one roof allows us to maintain high quality control of the manufacturing process at any given stage and instant response to design modifications and improvements based on customers' and our test team's feedback.



**Patent No. 90039
Inflatable Motorboat**

This technology radically changes approach in design of an inflatable boat allowing it to reach characteristics that are close to RIB.



**Patent No. 87139
Rigid Inflatable Motorboat**

Rights to developed technology allow us to produce inflatable tubes of RIB with variable sectional diameter.



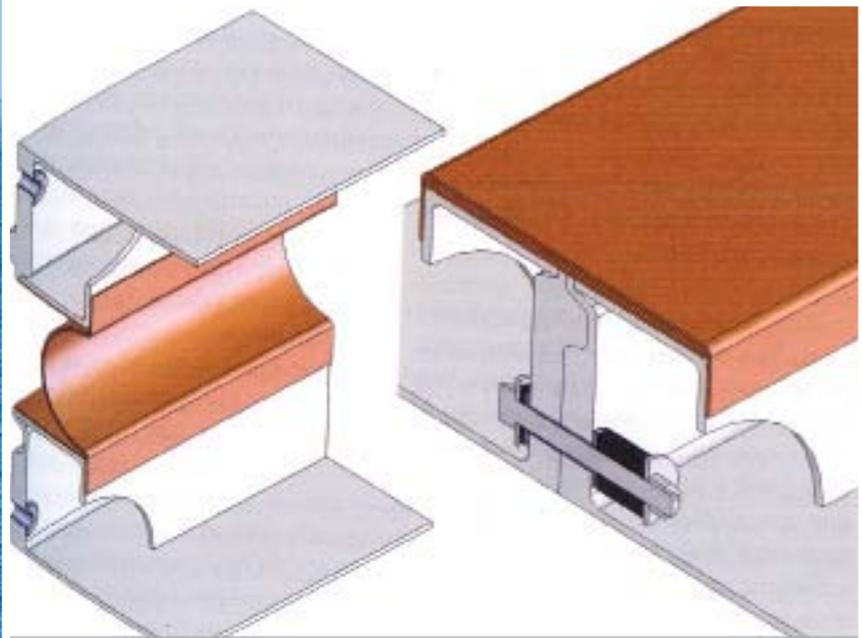
**International Patent
No. PCT/RU2010/00036**

Technology and technique of manufacturing sectional foldable rigid inflatable boats.



Folding a RIB boat

New technology was utilized in the production line of foldable RIBs, ranging in sizes from 11 to 15 feet. Unique, unparalleled design was key in merging compact properties of a regular inflatable boat with exceptional high-performance of a classic RIB to achieve what we had in mind- ease in transportation and storage, without compromising speed, handling and maneuverability.



Folding joint diagram



Compact Foldable Rigid Inflatable Boats WinBoat

Compact Foldable RIB WinBoat 330RF

SPRINT

11 feet in length



Compact foldable inflatable motorboat with rigid fiberglass hull (Foldable RIB)

The most notable advantages:
 Compact in size when folded: 3'x3'x1'6" / 0.9x0.9x0.4m (boat only)
 Convenient solution when storage size does matter. Excellent for the sophisticated urban consumer, city, apartment or condo dweller as well as a tender dingy for the modern boater. Easily stowed in boat compartment, apartment closet, garage or balcony.
 Assembles and disassembles in minutes with a minimal amount of effort.



Weighing just 95 pounds/43 kg capable of carrying four adults. The properties of a rigid hull are stable and seaworthy. The inflatable high density PVC or PU (optional) collar with three separate internal chambers allows the vessel to maintain buoyancy even if a large quantity of water is shipped aboard due to bad sea conditions.

Product Specs	
Length (ft./mm)	11/3300
Beam (in./mm)	65/1650
Hull shape	V
Hull and transom material	fiberglass (GRP)
Keel at transom (degrees)	12
Middle height (in./mm)	18/460
Cockpit length (in./mm)	87/2200
Cockpit width (in./mm)	31/800
Dry weight (lbs./kg)	95/43
Tube diameter (in./mm)	16.5/420
Tube PVC density (lbs. per ft. sq/g per m. sq)	0.2254/1100
Number of chambers	3
Transom height (in./mm)	15/385
Max outboard power (hp)	15
Recommended outboard power (hp)	5-10
Passenger capacity (adults)	4
Payload (lbs./kg)	990/450
Packed dimensions (in./mm)	36x36x18/900x900x400

Base package includes

- Boat "WINBOAT 330RF Sprint" 1ps
- Oars 2ps
- Seat benches 2ps
- Air pump 1ps
- Bag 1ps
- Repair kit 1ps
- Owner's manual 1ps

Test results conducted on March 2010 by Boats and Yachts Magazine with different payload.

Conditions:
 Air temperature – 26 Fahrenheit (-2 C)
 Water temperature – 38 Fahrenheit (4 C)
 Wind – 2 knots (1-2 m/c)
 Wave height – 0-4 inches (0.0-0.1 m)
 Outboard motor – Mariner 5

Load (adults)	Speed (mph)	Speed (km/h)
1	17.8	28.6
2	15.2	24.5

Compact Foldable Rigid Inflatable Boats WinBoat

Compact Foldable RIB WinBoat 360RF

SPRINT

11.8 feet in length



Compact foldable inflatable motorboat with rigid fiberglass hull (Foldable RIB)

The most notable advantages:

Compact in size when folded: 3'7"x3'x1'6" / 1.1x0.9x0.45m (boat only)
 Convenient solution when storage size does matter. Excellent for the sophisticated urban consumer, city, apartment or condo dweller as well as a tender dingy for the modern boater. Easily stowed in boat compartment, apartment closet, garage or balcony.
 Assembles and disassembles in minutes with a minimal amount of effort.
 Weighing just 106 pounds/48kg capable of carrying four adults.
 The properties of rigid hull are stable and seaworthy. The inflatable high density PVC or PU (optional) collar with three separate internal chambers allows the vessel to maintain buoyancy even if a large quantity of water is shipped aboard due to bad sea conditions.

Base package includes

- Boat "WINBOAT 360RF Sprint" 1ps
- Oars 2ps
- Seat benches 2ps
- Air pump 1ps
- Bag 1ps
- Repair kit 1ps
- Owner's manual 1ps



Product Specs	
Length (ft./mm)	11.8/3600
Beam (in./mm)	65/1650
Hull shape	V
Hull and transom material	fiberglass (GRP)
Keel at transom (degrees)	12
Middle height (in./mm)	20/510
Cockpit length (in./mm)	100.4/2550
Cockpit width (in./mm)	30/760
Dry weight (lbs./kg)	106/48
Tube diameter (in./mm)	16.9/430
Tube PVC density (lbs. per ft. sq/g per m. sq)	0.2254/1100
Number of chambers	3
Transom height (in./mm)	15/385
Max outboard power (hp)	25
Recommended outboard power (hp)	10-15
Passenger capacity (adults)	4
Payload (lbs./kg)	1543/700
Packed dimensions (in./mm)	43x36x18/1100x900x450



Test results conducted on March 2010 by Boats and Yachts Magazine with different payload.
 Conditions:
 Air temperature – 26 Fahrenheit (-2 C)
 Water temperature – 38 Fahrenheit (4 C)
 Wind – 2 knots (1-2 m/c)
 Wave height – 0-4 inches (0.0-0.1 m)
 Outboard motor – Suzuki 15

Load (adults)	Speed (mph)	Speed (km/h)
1	28.6	43.2
2	23.9	38.4
3	22.5	36.2
4	21.6	34.7
5	19.3	31.1

Compact Foldable Rigid Inflatable Boats WinBoat

Compact Foldable RIB WinBoat 430RF SPRINT 14.1 feet in length



Compact foldable inflatable motorboat with rigid fiberglass hull (Foldable RIB)

The most notable advantages:
 Compact in size when folded: 3'6" x 3'6" x 1'6" / 1.1x1.1x0.45m (boat only)
 Convenient solution when storage size does matter. Excellent for the sophisticated urban consumer, city, apartment or condo dweller as well as a tender dingy for the modern boater. Easily stowed in boat compartment, apartment closet, garage or balcony.
 Assembles and disassembles in minutes with a minimal amount of effort.
 Weighing just 159 pounds/72kg capable of carrying six adults.
 The properties of rigid hull are stable and seaworthy. The inflatable high density PVC or PU (optional) collar with five separate internal chambers allows the vessel to maintain buoyancy even if a large quantity of water is shipped aboard due to bad sea conditions.

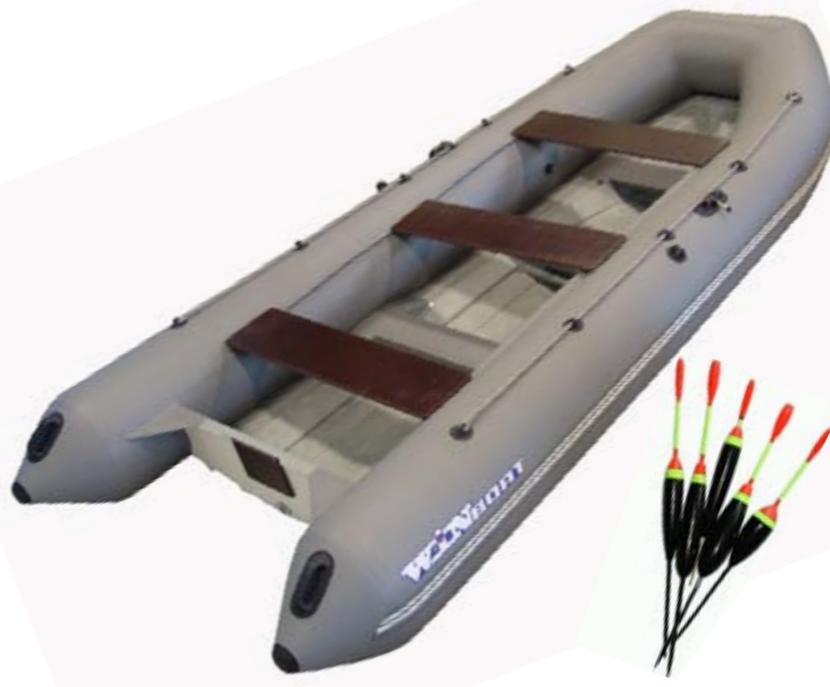
Base package includes

Boat "WINBOAT 430RF Sprint"	1ps		
Oars	2ps	Bag	1ps
Seat benches	2ps	Repair kit	1ps
Air pump	1ps	Owner's manual	1ps

Test results conducted on March 2010 by Boats and Yachts Magazine with different payload.
 Conditions:
 Air temperature – 26 Fahrenheit (-2 C) Wave height – 0-4 inches (0.0-0.1 m)
 Water temperature – 38 Fahrenheit (4 C) Outboard motor – Yamaha 25
 Wind – 2 knots (1-2 m/c)

Load (adults)	Speed (mph)	Speed (km/h)
1	30.8	49.6
2	27.6	44.5
3	25.6	41.3
4	25.3	40.7
5	23.5	37.9
6	20.4	32.9

Product Specs	
Length (ft./mm)	14.1/4300
Beam (in./mm)	75/1900
Hull shape	V
Hull and transom material	fiberglass (GRP)
Keel at transom (degrees)	12
Middle height (in./mm)	21.6/550
Cockpit length (in./mm)	130/3300
Cockpit width (in./mm)	36/920
Dry weight (lbs./kg)	159/72
Tube diameter (in./mm)	18.5/470
Tube PVC density (lbs. per ft. sq/g per m. sq)	0.2254/1100
Number of chambers	5
Transom height (in./mm)	15/385
Max outboard power (hp)	30
Recommended outboard power	20
Passenger capacity (adults)	6
Payload (lbs./kg)	1764/800
Packed dimensions (inc./mm)	43x43x18/1100x1100x450



Foldable RIB WinBoat 440R PROFI

14.4 feet in length
Foldable version



Development commissioned by Emergency Response Agency of Russian Federation. Specifically designed to be transported in helicopters, vans and small cargo trailers. Does not require boat trailer. Has a flat deck with built in storage compartments.



Base package includes

- Boat "WINBOAT 440R PROFI" 1ps
- Oars 2ps
- Seat benches 2ps
- Air pump 1ps
- Repair kit 1ps
- Owner's manual 1ps



Product Specs	
Length (ft./mm)	14.4/4400
Beam (in./mm)	82.6/2100
Hull shape	V
Hull and transom material	fiberglass (GRP)
Keel at transom (degrees)	16
Cockpit length (in./mm)	131.8/3350
Cockpit width (in./mm)	43/1100
Dry weight (lbs./kg)	264.5/120
Tube diameter (in./mm)	17.7/450
Tube PVC density (lbs. per ft. sq/g per m. sq)	0.2254/1100
Number of chambers	5
Transom height (in./mm)	15/385
Max outboard power (hp)	40
Recommended outboard power (hp)	20-30
Capacity (adults)	6
Payload (lbs./kg)	1764 lbs./800
Packed dimensions (in./mm)	77x65x25.5/1950x1650x650

Test results conducted on June 2007 by Boats and Yachts Magazine with different payload.
Conditions:
Air temperature – 60 Fahrenheit (16C)
Water temperature – 45 Fahrenheit (8C)
Wind – 8-11 knots (4-6 m/c)
Wave height – 8-12 inches (0.2-0.3m)
Outboard motor – Mercury 15

Load (adults)	Speed (mph)	Speed (km/h)
1	24.3	39.2
2	22.5	36.2
3	20.7	33.3
4	17.6	28.3
5	14.3	23.1

Compact Foldable Rigid Inflatable Boats WinBoat

Compact Foldable RIB WinBoat 460RF

SPRINT

15 feet in length



Compact foldable inflatable motorboat with rigid fiberglass hull (Foldable RIB)

The most notable advantages:

Very smooth and predictable handling. Deep cockpit. Inspired by shape of a modern sailboat.

Size when folded: 4'6" x 3'6" x 1'6" / 1.4x1.1x0.45m (boat only)

Convenient solution when storage size does matter. Excellent for the sophisticated urban consumer, city, apartment or condo dweller as well as a tender dingy for the modern boater. Easily stowed in boat compartment, apartment closet, garage or balcony.

Assembles and disassembles in minutes with a minimal amount of effort. Weighing just 176 pounds/80kg capable of carrying six adults. Available in classic, non-folding version.

The properties of rigid hull are stable and seaworthy. The inflatable high density PVC or PU (optional) collar with three separate internal chambers allows the vessel to maintain buoyancy even if a large quantity of water is shipped aboard due to bad sea conditions.



Product Specs

Length (ft./mm)	15/4600
Beam (in./mm)	65/1650
Hull shape	V
Hull and transom material	fiberglass (GRP)
Middle height (in./mm)	22.8/580
Cockpit length (in./mm)	155.5/3950
Cockpit width (in./mm)	36/910
Dry weight (lbs./kg)	176/80
Tube diameter (in./mm)	13.7/350
Tube PVC density (lbs. per ft. sq/g per m. sq)	0.2254/1100
Number of chambers	3
Transom height (in./mm)	15/385
Max outboard power (hp)	20
Recommended outboard power	2-15
Passenger capacity (adults)	6
Payload (lbs./kg)	1763/800
Packed dimensions (in./mm)	54x42x18/1400x1100x450

Test results conducted on March 2011 by Boats and Yachts Magazine with different payload.
 Conditions:
 Air temperature – 32 Fahrenheit (1C)
 Water temperature – 38 Fahrenheit (4C)
 Wind – 6-8 knots (3-4m/c)
 Wave height – 10-12 inches (0.2-0.3m)
 Outboard motor – Honda 2.3, Mariner 5, Suzuki 15

Outboard Motor	Honda 2.3		Mariner 5		Suzuki 15	
Load (adults)	Speed (mph)	Speed (km/h)	Speed (mph)	Speed (km/h)	Speed (mph)	Speed (km/h)
1	6.8	10.9	15.9	25.6	24.2	38.9
2	6.9	11.1	11.9	19.2	22.4	36.1
3			9.6	15.5	18.1	29.2
4			28.3	13.2	15.1	24.4

Base package includes

- Boat "WINBOAT 460RF Sprint" 1ps
- Oars 2ps
- Seat benches 2ps
- Air pump 1ps
- Bag 1ps
- Repair kit 1ps
- Owner's manual 1ps

Compact Foldable RIB WinBoat 460RF- SPRINT SAIL 15 feet in length



Compact foldable inflatable sailboat with rigid fiberglass hull (Foldable RIB).

The most notable advantages:

Sailboat designed to fit in any SUV, Crossover or Hatchback. Very easy to handle, resistant to "healing" due to its lateral buoyancy. Having centerboard keel and foldable rudder allows very shallow draft. Modular aluminum mast and boom. Fully battened sail. Sail area around 55 sq. feet. Wide transom permits use of small outboard motor alongside the rudder.

Size when folded: 4'6"x3'6"x1'6" / 1.4x1.1x0.45m (boat only)

Convenient solution when storage size does matter. Excellent for the sophisticated urban consumer, city, apartment or condo dweller as well as a tender dingy for the modern boater. Easily stowed in boat compartment, apartment closet, garage or balcony. Assembles and disassembles in minutes with a minimal amount of effort. Weighing just 176 pounds/80kg capable of carrying six adults. Available in classic, non-folding version.

The properties of rigid hull are stable and seaworthy. The inflatable high density PVC or PU (optional) collar with three separate internal chambers allows the vessel to maintain buoyancy even if a large quantity of water is shipped aboard due to bad sea conditions.



Test results conducted on March 2011 by Boats and Yachts Magazine with different payload.
 Conditions:
 Air temperature – 32 Fahrenheit (1C)
 Water temperature – 38 Fahrenheit (4C)
 Wind – 6-8 knots (3-4m/c)
 Wave height – 10-12 inches (0.2-0.3m)
 Outboard motor – Honda 2.3, Mariner 5, Suzuki 15

Outboard Motor	Honda 2.3		Mariner 5		Suzuki 15		
	Load (adults)	Speed (mph)	Speed (km/h)	Speed (mph)	Speed (km/h)	Speed (mph)	Speed (km/h)
	1	6.8	10.9	15.9	25.6	24.2	38.9
	2	6.9	11.1	11.9	19.2	22.4	36.1
	3			9.6	15.5	18.1	29.2
	4			28.3	13.2	15.1	24.4

Product Specs

Length (ft./mm)	15/4600
Beam (in./mm)	65/1650
Hull shape	V
Hull and transom material	fiberglass (GRP)
Middle height (in./mm)	22.8/580
Cockpit length (in./mm)	155.5/3950
Cockpit width (in./mm)	36/910
Dry weight (lbs./kg)	176/80
Tube diameter (in./mm)	13.7/350
Tube PVC density (lbs. per ft. sq/g per m. sq)	0.2254/1100
Number of chambers	3
Transom height (in./mm)	15/385
Max outboard power (hp)	20
Recommended outboard power	2-15
Passenger capacity (adults)	6
Payload (lbs./kg)	1763/800
Packed dimensions (in./mm)	54x42x18/1400x1100x450

Base package includes

- | | | | |
|----------------------------------|-----|------------------------|-----|
| Boat "WinBoat 460RF Sprint Sail" | 1ps | Mounting bolt assembly | 2ps |
| Oars | 2ps | Mast assembly | 1ps |
| Seat benches | 1ps | Boom assembly | 1ps |
| Air pump | 1ps | Sail | 1ps |
| Bag | 1ps | Centerboard | 1ps |
| Repair kit | 1ps | Tiller | 1ps |
| Owner's manual | 1ps | Rudder | 1ps |

Rigid Inflatable Boat RIB

WinBoat390R

12.8 feet in length

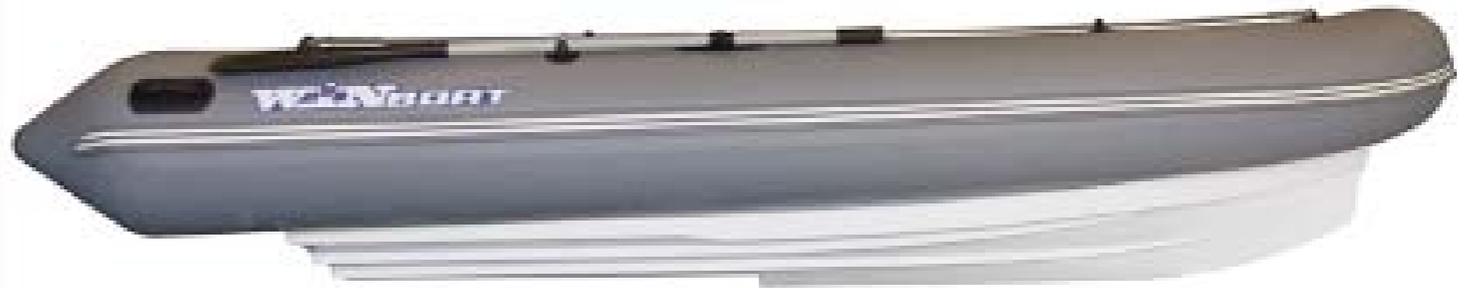


Now in production motorboat RIB with 12.8 feet in length.
New addition to our family of classic RIB models.

Research and development of this model was based on feedback from our customers.

- Reinforced hull
- Roomier flat deck with non-slip coating
- Large bow stowage
- Two convenient deck compartments
- Reinforced transom
- New hull shape

As a result, we have a very refined RIB. Tests we conducted proved this RIB as being seaworthy with extraordinary handling, easy to reach planing abilities and with very stable and predictable dynamic and static characteristics.



Product Specs	
Length (ft./mm)	12.8/3900
Beam (in./mm)	71/1800
Hull shape	V
Hull and transom material	fiberglass (GRP)
Keel at transom (degrees)	16
Keel at the middle (degrees)	27
Height at the middle (in./mm)	26/660
Cockpit length (in./mm)	122/3100
Cockpit width (in./mm)	37/940
Dry weight (lbs./kg)	189.6/86
Tube diameter (in./mm)	17.7/450
Tube PVC density (lbs. per ft. sq/g per m. sq)	0.2254/1100
Number of chambers	3
Transom height (in./mm)	15/385
Max outboard power (hp)	30
Recommended outboard power (hp)	20-25
Passenger capacity (adults)	5
Payload (lbs./kg)	1653/750

Base package includes

- Boat "WINBOAT 390R" 1ps
- Carrying handles 5ps
- Oars 2ps
- Seat benches 2ps
- Air pump 1ps
- Bag 1ps
- Repair kit 1ps
- Owner's manual 1ps

Rigid Inflatable Motorboat RIB

WinBoat 440R PROFI

14.4 feet in length



Inflatable boat with rigid glass reinforced plastic hull (RIB)
Redefined model of 440 RIB

Most notable features are:

- Bigger cockpit
- Flat deck with lots of stowage compartments
- Easy to install optional equipment
- Could be retrofitted with helm console

New improved model WinBoat 440R Profi is available with optional center console. Dedicated to true professionals, fishermen, divers and families craving recreational outdoor activities. Reinforced hull with five chamber tube, bigger and roomier cockpit and deck with improved storage capacities. Relatively light, weighing just 242.5 pounds/110kg.

Optional center console helm:

- Console with steering and windshield
- Cushioned seat with built in stowage



Product Specs	
Length (ft./mm)	14.4/4400
Beam (in./mm)	82.6/2100
Hull shape	V
Hull and transom material	fiberglass (GRP)
Keel at transom (degrees)	16
Cockpit length (in./mm)	131.8/3350
Cockpit width (in./mm)	43/1100
Dry weight (lbs./kg)	242.5/110
Tube diameter (in./mm)	17.7/450
Tube PVC density (lbs. per ft. sq/g per m. sq)	0.2254/1100
Number of chambers	5
Transom height (in./mm)	15/385
Max outboard power	40
Recommended outboard power	20-30
Passenger capacity (adults)	6
Payload (lbs./kg)	1763/800

Test results conducted on June 2007 by Boats and Yachts Magazine with different payload.

Conditions:
 Air temperature – 60 Fahrenheit (16C)
 Water temperature – 45 Fahrenheit (8C)
 Wind – 8-11 knots (4-6 m/c)
 Wave height – 8-12 inches (0.2-0.3m)
 Outboard motor – Mercury 15
 Load (adults) Speed (mph) Speed (km/h)

Load (adults)	Speed (mph)	Speed (km/h)
1	24.3	39.2
2	22.5	36.2
3	20.7	33.3
4	17.6	28.3
5	14.3	23.1

Powerboat RIB WinBoat

Powerboat RIB WINBOAT R5, R53



**New generation of R5s and R53s are here.
Suitable for outboards with 15" and 20" shaft.
Available with center cockpit helm or tiller steering.**

Implementation of our patented variable tube diameter design.

This approach to boat design resulted in essential improvements in ergonomics

1. Usable cockpit space is increased by 28 percent in relation to a boat with the same hull size and regular one-size in diameter air tube.
2. Danger of damaging the air tube from the inside is completely eliminated.
3. Easy adaptation of any optional equipment.

Change in hull stringer design resulted in:

- Improvements in hull rigidity and structural strength.
- Reclining backrest of hull integrated aft seat permits easy access to the motor bay and allows use of a tiller.

New improved hull shape

- Vertical stem design increases length at the waterline and makes shape of hull sharper which in turn results in dramatic boat behavior improvements in rough waters.
- Transom designed to accommodate outboards with 15 and 20 inch shaft.

Unparalleled safety, exceptional seaworthiness and reliability of new R series generation all remain at the highest standards possible.

Product Specs		
Model	R5	R53
Length (ft./mm)	15.7/4800	17.4/5300
Beam (in./mm)	82.6/2100	82.6/2100
Cockpit length (in./mm)	130/3300	153.5/3900
Cockpit width (in./mm)	55/1400	55/1400
Cockpit depth (in./mm)	19.7/500	19.7/500
Dry weight (lbs./kg)	507/230	617/280
Maximum tube diameter (in./mm)	18.5/470	18.5/470
Tube PVC density (lbs. per ft. sq/g per m. sq)	0.2254/1100	0.2254/1100
Number of chambers	3	3
Transom height (in./mm)	15-20/385-510	20/510
Height at the middle (in./mm)	27.5/700	27.5/700
Max outboard power (hp)	70	120
Recommended outboard power (hp)	50	60-90
Passenger capacity (adults)	8	8
Payload (lbs./kg)	1763/800	2645/1200



- Base package includes**
- WinBoat R series
 - Bow stowage compartment
 - Bow Rim
 - Bow platform
 - Aft seat with reclining backrest