



**INFLATABLE BOATS**

# **OWNER' S MANUAL**



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**PLEASE READ THIS MANUAL CAREFULLY BEFORE FIXING AND OPERATING YOUR INFLATABLE BOAT. RETAIN IT FOR FUTURE REFERENCE.**

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## I. BASIC INFORMATION

### a. Model and technical data

MODEL	OVERALL LENGTH	OVERALL WIDTH	NO. OF CHAMBER	NET WEIGHT	MAX POWER	MAX LOAD	MAX PERSON
HSD-230	230cm/7'6"	131cm/4'4"	3+1	38kgas/84lbs	3.0KW/4HP	360kgas/772lbs	2
HSD-270	270cm/8'10"	152cm/4'11"	3+1	46kgas/103lbs	7.5KW/10HP	494kgas/1067lbs	3.5
HSD-290	290cm/9'6"	162cm/4'11"	3+1	52kgas/119lbs	7.5KW/10HP	610kgas/1243lbs	4
HSD-320	320cm/10'6"	182cm/4'11"	3+1	65kgas/121lbs	11.2KW/15HP	566kgas/1243lbs	4.5
HSD-360	360cm/11'10"	188cm/5'9"	3+1	76kgas/165lbs	14.5KW/20HP	660kgas/1519lbs	5.5
HSD-380	380cm/12'6"	178cm/5'7"	3+1	76kgas/172lbs	14.5KW/20HP	727kgas/1603lbs	6
HSD-420	420cm/13'9"	188cm/6'3"	3+1	86kgas/186lbs	22KW/30HP	1087kgas/2339lbs	7
HSD-460	460cm/15'1"	188cm/6'3"	3+1	96kgas/111lbs	22KW/30HP	1100kgas/2429lbs	8
HSM-230	230cm/7'6"	131cm/4'4"	3+1	38kgas/78lbs	3.0KW/4HP	350kgas/722lbs	2
HSM-270	270cm/8'10"	150cm/4'11"	3+1	46kgas/101lbs	7.5KW/10HP	494kgas/1067lbs	3.5
HSM-290	290cm/9'6"	161cm/4'11"	3+1	52kgas/108lbs	7.5KW/10HP	510kgas/1124lbs	4
HSM-320	320cm/10'6"	181cm/4'11"	3+1	65kgas/123lbs	11.2KW/15HP	566kgas/1243lbs	4.5
HSM-360	360cm/11'10"	188cm/5'9"	3+1	66kgas/150lbs	14.5KW/20HP	660kgas/1519lbs	5.5
HSM-380	380cm/12'6"	188cm/5'9"	3+1	76kgas/168lbs	14.5KW/20HP	727kgas/1603lbs	6
HSM-420	420cm/13'9"	188cm/6'3"	3+1	86kgas/194lbs	22KW/30HP	1087kgas/2339lbs	7
HSA-500	500cm/16'5"	208cm/6'10"	4+1	118kgas/256lbs	12.5KW/16HP	1330kgas/2866lbs	10
HSA-580	580cm/18'1"	208cm/6'10"	6+1	130kgas/288lbs	23KW/20HP	1350kgas/2876lbs	10
HSA-600	600cm/19'8"	208cm/6'10"	6+1	145kgas/320lbs	38KW/50HP	1450kgas/3066lbs	12
HSR-240(RB)	240cm/7'10"	135cm/4'9"	3	36kgas/79lbs	4.0KW/5HP	499kgas/992lbs	2
HSR-280(RB)	280cm/9'10"	154cm/5'1"	3	56kgas/121lbs	7.5KW/10HP	560kgas/1212lbs	3
HSR-310(RB)	310cm/10'2"	154cm/5'1"	3	67kgas/148lbs	11.2KW/15HP	600kgas/1323lbs	3.5
HSS-200D	290cm/9'6"	131cm/4'4"	3	23kgas/50lbs	2.5KW/3.5HP	250kgas/551lbs	2
HSS-230D	290cm/7"	131cm/4'4"	3	31kgas/58lbs	3KW/4HP	350kgas/772lbs	2
HSS-250D	290cm/9'2"	152cm/4'11"	3	42kgas/93lbs	4.4KW/5HP	459kgas/992lbs	3
HSS-260D	260cm/8'9"	162cm/4'11"	3	51kgas/128lbs	7.5KW/10HP	600kgas/1212lbs	4
HSS-220M	290cm/9'6"	117cm/3'10"	2	23kgas/58lbs	2.5KW/3.5HP	250kgas/551lbs	2
HSS-230M	290cm/9'6"	125cm/4'11"	3	30kgas/68lbs	3KW/4HP	350kgas/772lbs	2
HSS-250M	250cm/8'2"	162cm/4'11"	3	40kgas/88lbs	4.4KW/5HP	459kgas/992lbs	3
HSS-285M	280cm/9'2"	182cm/4'11"	3	50kgas/108lbs	7.5KW/10HP	600kgas/1212lbs	4
HSD-200	290cm/9'7"	120cm/3'11"	2	20kgas/44lbs	2.5KW/3.5HP	250kgas/551lbs	1.5
HSD-235	235cm/7'9"	133cm/4'4"	2	29kgas/58lbs	3.7KW/5HP	355kgas/772lbs	2
HSD-265	265cm/8'9"	132cm/4'4"	2	32kgas/78lbs	7.5KW/10HP	464kgas/1067lbs	3.5
HSD-280	280cm/9'2"	148cm/4'10"	2	38kgas/88lbs	7.5KW/10HP	510kgas/1124lbs	4
HFF-265	265cm/8'9"	138cm/4'9"	2	21kgas/58lbs	1	464kgas/1067lbs	3.5
HSS-36P	340cm/11'2"	1	3	15kgas/33lbs	1	1	3
HSS-4P	400cm/13'1"	1	3	18kgas/40lbs	1	1	4
HSS-6P	500cm/16'5"	1	3	20kgas/44lbs	1	1	5
HSS-37D	370cm/12'2"	115cm/3'7"	2	27kgas/58lbs	1	250kgas/551lbs	2
HSH-400	400cm/13'1"	180cm/6'11"	2	60kgas/132lbs	1	580kgas/1272lbs	8
HUJ	120cm/3'11"	93cm/3'4"	1	6.5kgas/14.3lbs	1	1	1
HUO	118cm/3'10"	96cm/3'2"	2	8kgas/17.6lbs	1	1	1

**b. Equipment:**Standard equipment:

1. Two—two pieces aluminum oars
2. Marine grade plywood bench seat
3. Foot pump
4. Repairing Kit
5. Carrying bag

Optional equipment:

1. Optional floor:
  - ◆ plywood floor
  - ◆ aluminum floor
  - ◆ Air mat floor
  - ◆ VIB floor
2. Inflatable thwart: round or square
3. Under seat storage bag.
4. Front storage bag
5. Boat cover
6. Extra seat
7. Canopy

**c. Ambient temperature**

Max: +70°C

Mix: -30°C

## II .ASSEMBLY AND DISASSEMBLY

### Assembly:

#### **a. General procedure:**

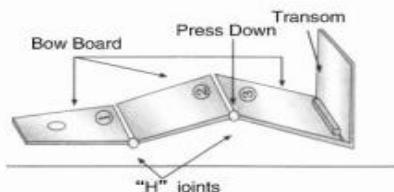
1. Remove any sharp objects from the area where boat will be assembled and inflated.
2. Unfold and spread boat out flat.
3. Half inflated the boat with pump first.
4. Assemble the floor as indicated on the floor.
5. Assemble bench.
6. Full inflated
7. Check the valves make sure no leakage.
8. Ensure that all basic equipment is on board.
9. Do not inflate keel until floor board assembled.

Attention: Do not use a compressed air source to inflate boat, over inflation may result in ruptured seams.

#### **b. Floor assembly:**

##### **Floor assembly for HSD230 and HSM230.**

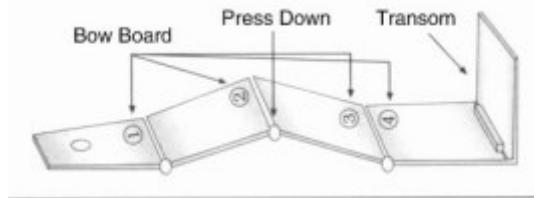
- 1.Insert ① floor board in bow of boat.
- 2.Insert ③ floor board into transom of the boat.
- 3.Insert ② floor board into "H" joint attached to ① floor board.
- 4.Insert "H" joint between ② and ③. Press floor board until flat.



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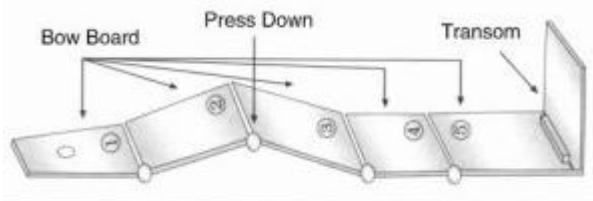
### Floor assembly for HSD270/HSD290/HSD320/HSD360 and HSM270/HSM290/HSM320

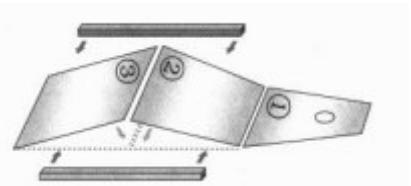
1. Insert ① floor board in bow of boat.
2. Insert ④ floor board into transom of the boat.
3. Insert ② floor board into ① floor board.
4. Insert ③ floor board into ② and ④ floor boards and press down until flat.



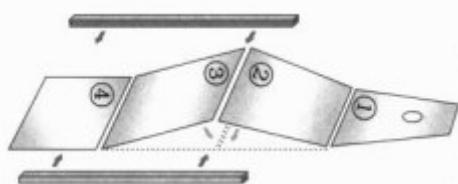
### Floor assembly for HSD380/HSD420 and HSM360/HSM380/HSM420

1. Insert ① and ② in the bow of the boat. ① and ② can be made as one set.
2. Insert ⑤ floor board into transom of the boat.
3. Insert ③ floor board into ② floor board.
4. Insert ④ floor board into ③ and ⑤ floor boards and press down until flat.

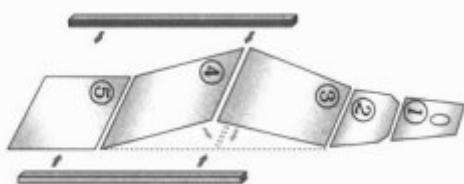




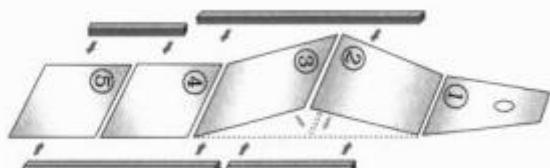
Side joiner assembly for  
HSD230/HSD250  
HSM230/HSM250



Side joiner assembly for  
HSD270/HSD290/HSD320/HSD360  
HSM270/HSM290/HSM320



Side joiner assembly for  
HSM360/HSM380



Side joiner assembly for  
HSD380/HSD420  
HSM420

**NOTE 1:** When installing floor boards, identifying numbers of boards must face up.

**NOTE 2:** Each "H" joint should be installed with larger flat sid facing up.

### **Disassembly**

1. Unscrew all air valves to deflate boat.
2. Remove seat.
3. Remove side joiners from floor boards.
4. Raise the middle floor and detach from "H"joints.
5. Remove floor boards. Remove bow and transom boards last.
6. With bottom side facing down, tuck gunwale tubes into boat. Roll boat from either end and place in carrying bag along with pump and other equipment.

### **III.SAFETY**

1. Ensure that all basic equipment is on board the boat and with no problem. Be aware of the possible necessary of additional safety equipment.
2. A boat should not be operated by an individual while under the influence of drugs and alcohol.
3. Weight must be distributed evenly. If lightly loaded and your boat is equipped with a motor do not accelerate suddenly.
4. The carrying capacity and the engine capacity for the boat must not be exceeded.
5. Make yourself aware of the general rules of the waterway and local water conditions before setting out.
6. Always tell someone your time and place of departure. Proposed route and time you expect to return.

## IV.REPAIR PROCEDURE

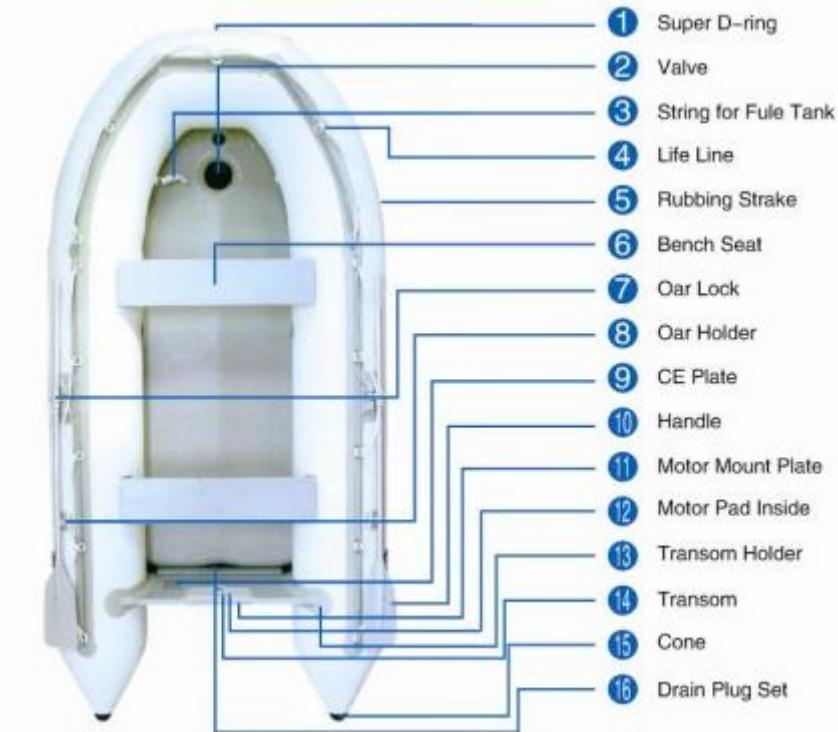
### **Small tear, cuts and puncture**

1. The repair of a small leak or puncture can be done with a patch from the repairing kit.
2. Both patch and surface on boat must dry.
3. Apply a thin ,even coats of adhesive to surface of boat and patch. Wait five minutes before each coat. After three coat, wait 10–15 minutes before placing patch on boat.
4. Use hard roller to press patch onto boat skin.
5. Wait for at least 24 hours before reinflating the boat.
6. For all large repairs it is recommended that the boat be returned to your dealer.

### **V.WARRANTY**

1. This warranty for each new inflatable boat to be free from defects in material and workmanship.
2. This warranty shall remain in effect as described below:  
Hull fabric is covered by 5–year warranty against porosity and rot  
Hull seams are covered against delamination by a 3–year warranty.

**Remarks:** This warranty applies only to defects in material and workmanship. It does not apply to tear or damage caused by accident, abnormal operation or improper installation.

**VI. MAIN BODY OF THE BOATS:**

**Local Dealer:**

**Company:** \_\_\_\_\_

**Add:** \_\_\_\_\_

**Tel:** \_\_\_\_\_

**Fax:** \_\_\_\_\_

**Web:** \_\_\_\_\_

**E-mail:** \_\_\_\_\_