

ZOOM 8
Strict one type-sailing
dinghy

OWNERS MANUAL

Erplast

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BEFORE LEAVING THE SHORE

Make you well acquainted with this owners manual.

Always check the following before leaving:

- **The weather forecast**
Take into consideration wind, waves and visibility. Is your boat and its equipment and your knowledge enough for sailing where you aim to go? Managing the dinghy in heavy wind and on open sea needs a lot of practice.
- **Life jacket**
Zoom 8 may be sailed with one or two persons aboard. A life jacket is to be carried by each member of the crew **at all times** when sailing.
- **Floatability**
Do not overload the dinghy and place all eventual luggage safely on the bottom of the cockpit.
- **Securing of equipment**
Always before departure check that all loose items are secured in such a way that they will not fall out of the dinghy in case of a capsizing.
- **Maps**
If you are sailing in unknown waters, always carry maps covering all of the area you aim to enter. These maps may be stored in the front stowage locker.
- **Entering the dinghy and departure**
Before take of, make clear with your crew in which order you enter the dinghy and how and when the crew is to let go of the shore.

ZOOM 8 is a fun and safe way of moving on the sea

We congratulate you on your Zoom 8 dinghy. Zoom 8 is a strict one type class sailing dinghy with which you can learn sailing, enjoy working in harmony with elements and participate in regattas without further investments.

The purpose of this manual is to teach you to use your dinghy, rig it and to be able to move around safely in sheltered waters. The owners' manual contains information about the equipment its functions and the care of your dinghy.

Your dealer and the national Zoom 8 class association will if need be assist you with information of sailing schools and teachers. Most sailing clubs have junior trainers and activities.

**KEEP THIS OWNERS MANUAL IN A SAFE PLACE AND GIVE IT
TO THE NEXT OWNER IF YOU SELL YOUR DINGHY**

TABLE OF CONTENT

ZOOM 8	2
1. GENERAL INFORMATION.....	44
1.1 CERTIFCATES	4
1.2 WARANTY	4
1.3 INSURANCE.....	44
2 TO LEARN SAILING.....	5
3 THE USE	5
3.1 RIGGING	5
3.1.1 AIRBAGS	5
3.1.2 THE RIG	5
3.1.3 RUDER.....	6
3.1.4 DAGGERBOARD	6
3.1.5 TOWING LINES	6
3.2 SAILING	6
3.2.1 LAUNCHING YOUR DINGHY	6
3.2.2 RIGGNING AND SAILING	6
3.2.3 CAPSIZING AND GETTING THE DINGHY UPPRIGHT AGAIN	7
3.3 BACK TO SHORE.....	7
3.4 TOWING.....	7
3.5 TAKE CARE OF THE SURROUNDING	7
4 SERVICE AND MAINTENANCE	7
4.1 DURING THE SAILING SEASSON	7
4.2 WINTER STORAGE.....	8
4.3 BEFORE LAUNCHING	8
4.4SERVICE, REPAIRS.....	8
5 TRANSPORTING THE DINGHY.....	9
6 TECHNICAL SPECIFICATIONS	9
AMMENDMENTS:.....	10

1. GENERAL

The ZOOM 8 dinghy is a strict one-type-class sailing dinghy. The class rules forbid any amendments to the basic equipment but for a compass. If equipped the dinghy will lose its one type class certificate and may not be raced with in official regattas.

The warnings in this manual are to be understood in the following way:

WARNING: Means that there is a possibility of danger, which might cause injury or have deadly consequences, in case you don't follow these instructions and act in a manner to avoid the said.

OBSERVE: Means that you have to be observant on something which might cause danger to you or your crew or damages your boat or its equipment

1.1 CERTIFICATES

The ZOOM 8 sailing dinghy fulfils the EU directives 464/96 for pleasure crafts in force at 20.6.96 (Assurance of equality Amendment 1).

International Marine Certification Institute (IMCI) has certified the dinghy to the construction class D: sheltered waters, with a wave height of less than 0.5 m and a wind force under 4 beaufort. The CE-marking of IMCI is placed on the plaque in the stern on the port inner side.

More information about the directives are obtained from all National Naval Institutions, in France tel no, in Belgium tel. no and from the *IMCI:s* homepages at <http://www.imci.org>

1.2 WARRANTY

The manufacturer is giving the dinghy and its equipment a 1-year warranty as clarified in the warranty documentation following this boat. (amendment 2).

1.3 INSURANCE

Normally the dinghy will not be covered by any general home insurance, of which reason we strongly recommend it to be separately insured. Most insurance companies offer special dinghy insurances.

2 TO LEARN SAILING

The purpose of this owner's manual is not to teach you how to sail. You have to learn sailing in sheltered waters under supervised by somebody who knows. There is a lot of literature in the subject to be found in all well equipped bookstores. The national sailing unions can also provide you with instruction books. The easiest way to get practice in sailing is to join a sailing club or a sailing school, but the knowledge of using and navigation comes only thru training.

WARNING! Although Zoom 8 is a safe sailing dinghy and more stabile than most of his class, capsizing is a propriety they all have. Before starting to learn sailing capsize the dinghy in shallow waters and turn it up again to learn what to do in case it capsizes during sailing. Stay close to the shore until you are sure of mastering the dinghy. We recommend a 8mm towing line for the zoom8 dinghy.

3 The Use

4 3.1 RIGGING

The following things have to be done while the dinghy stays ashore.

3.1.1 Air bags.

3.1.2

Start with inspecting the airbags. You will find them by opening the three inspection ports. The airbags can be filled true the valves. After inspection close the ports thoroughly.

3.1.2 RIG

Push the narrow end of the mast in the mast pocket of the sail. Place the mast into the mast hole on the deck.

Push the end of the boom that does not have a whole in it in to the webbing band in the loose end of the sail and put the other end of the boom on the boom-fitting pin on the mast. Secure the system of blocks to the mast with the shackle hanging from its end.

The line secured in the back part of the boom is to be released from all, but from its starting point. True the ring in the aft corner of the sail, and rearrange it.

it into its original setting. With this line you can adjust the tension of the down part of the sail.

From the centre of the boom, secure to a block which is hanging from a wire is a 6-meter long sheet. Put the sheet line true the block on the traveller and hereafter true the block where the sheet started. After this pull it true the block in the centre of the cockpit so that when you are tightening the sheet a cracking noise can be heard from the roller. If the roller does not move into the sheet has been put in the wrong way.

True the two deck blocks. Release one side and pull the line true the ring in the four down corner of the sail and put the line back again in its original places. Tie a knot in both ends of the line.

3.1.3 Rudder

3.1.4 Turn the rudder blade in its up position and secure the blade with the wing nut so that the blade keeps to its up position. Place the rudder head into the fittings in the stern and push it down until the security clamp get under the rudder fitting.

3.1.4 Dagger board

Tension the shock cord backwards so that the hull on the dagger board case is free and push in the dagger board so that the rounded edge points forward. Let of the shock cord and adjust the height of the dagger board so that it will not show under the dinghy.

3.1.5 Towing line

A towing line with a minimum length of 3 meter is to be attached to the bull's eye in the bow of the dinghy.

The ZOOM 8 dinghy is now ready to be sailed.

3.2 Sailing

3.3

The purpose with this manual is not to teach you sailing, but it consists of the elementary things you need to know when going out on your first training session.

3.2.1 Launching your dinghy

The ZOOM 8 dinghy weights only 44 kilograms fully equipped of which reasons two persons easily can carry into the water. From a jetty you launch it bow or stern first in such a way that the bow in pointing towards the wind. The Zoom8 has its own beach trailer, which you can buy at any Zoom dealer. With this you can easily single-handed launch your dinghy. Always remember

to have a firm grip on the mooring line when launching. Not to let the wind take the dinghy

3.2.2 Preparations and sailing

Undo the mooring line from the jetty and move the dinghy alongside the jetty. Enter into the dinghy as much as possible into the centre of the cockpit and push down the rudder blade and dagger board into their down position. Tension the sheet line until the sail starts to fill. The dinghy will now start to move and you will steer it from the tiller extension.

When the wind comes from the side you keep the balance of the dinghy by moving yourself to the wind side. If you are hanging out from the dinghy, both feet are to be kept under the wide foot straps in the cockpit bottom.

3.2.3 Capsizing

When you realize that the dinghy is going to capsize and does not steer properly you have to let go of the sheet and step down into the water. The dinghy will remain floating on his side without filling with water. Swim around the dinghy and take a firm grip on the dagger board, which you are to press down. The dinghy will now raise and you enter the boat by pulling down the side of the boat until you can reach the foot-straps and drag yourself into the dinghy.

3.3 Back to shore

When you are reaching the shore let the sheet loose and the wind will go out of the sail. The boat speed will now decrease and you lift up the dagger board. Steer the boat to the jetty or to the beach trailer and get out of the boat.

Release the rudder head by pushing in the security pin and at the same time pull the rudder head upwards. Let the sail and all the equipment dry before packing them in the sail bag. Open all inspection ports so that the dinghy can dry up inside the hull. If your Zoom8 dinghy does not have a watertight day cover it is to be stored upside down.

Observe

The sail of a Zoom8 is made of Dacron and may be damaged if stored in wet condition

3.4 Towing

The ZOOM 8 dinghy can be easily towed. The bull's eye is constructed to last for towing at a speed of up to 15 knots. The length of towing line has to be at least one wavelength after the tower and adjust it so that the dinghy goes up wave. The towing resistance at 7 knots is approx. 4 to 5 kp.

3.4 Take care of surrounding. Sailing is a funny way of moving on nature's demands. Always remember your neighbours and do not sail close to private beaches. Do not litter in the water or on the beach.

4 Serviced and maintenance

4.1

During the sailing season always keep your dinghy clean and neat. It will give you more fun and security, while the boat keeps a high second-hand value. During the season you have to wash and wax the boat with a boat cleaner and a boatwax, which you can get from any boat equipment store. Do not use strong chemicals, which can reduce the shine of the boat sides. Scratches and dirt does not come out with the washing may be removed with a boat rubbing. Do not use wax-containing silicones because this will endanger future reparations.

4.2 Winter storage

Check the hull and sand eventually hulls or scratches in the gel coat so that the damp can get out. Let the boat dry for several weeks and over paint the hulls and scratches with a topcoat provided by a boat store. The repair area has to be water sanded and shined with a rubbing compound. Open all inspection ports, the condense knot in the bow and empty all airbags. The Zoom8 can be stored on its stern or upside-down.

When storing the dinghy protect it against sun and weather aggressions.

Observe

Winter covers and lines may not touch the hull if the boat is placed outside because if the covers and lines are flapping in the wind, they will damage the hull and deck.

Wash the sail and equipment in sweet water and store them in a dry and warm area.

4.3 Before launching

Repair all eventual damages as stated in 4.4. If the dinghy has been stored as said here over and the equipment has been kept warm and dry during the winter your Zoom8 dinghy will be ready for a new season.

4.4 Service and repairs

Small defects can be repaired by your, but to have a good result both knowledge and work is needed.

- Secure the surround areas with tape
- sand the sides of the spot to repair and clean with acetone
- Put 1,5 to 2% of hardener into the topcoat
- Fill the whole with topcoat so that it will rise a bit around the area

- When the topcoat has hardened, sand with high graded paper until you reach the same height as the surrounding area.
- Polish the area with rubbing.

The colour codes you can find in paragraph 6 of this book: If you are insecure you can always ask your dealer or the wharf for more information.

Bigger damage you have to leave for professional boat builders to do.

OBSERVE

Later installations and technical changes on the dinghy could endanger the construction and the safety of the dinghy. It is always preferable to check with the wharf before doing. Any such changes will endanger the strict one type class approval of the dinghy.

5. Transporting the dinghy

The Zoom8 may be easily transported on a car roof rack before transporting you have to clarify that the rack will last the weight of the boat.

Empty the dinghy on all loose parts before transportation

Before launching the dinghy, remember to secure the towing line to the bulls' eye so that it will not run away

6 Technical specifications

Your dinghy has a serial number, a HIN code. The HIN code is placed in the stern on the starboard side about 5cm under the deck. The HIN number you may write down in the area here below. Always tell your dealer the HIN code when you are ordering spare parts and paint. If you need topcoat for repairs, the colour code as stated here below.

Type:	<i>ZOOM 8</i>	
Designer:	Henrik Segercrantz	
HIN-code	FR-ERP	
The colour codes:	Hull:	Deck:
Hull materials:	Polyester resin / GRP-lamination / coremat- type sandwich material	

Measurements and volumes

Measurements:	Length over all (LOA)	2.65 m
	Hull length	2.65 m
	Beam	1.45 m
	Draft loaded with 150 kg and dagger board up	0.1 m
	Height over water	4.6 m
Ability to carry load:	Weight ready to go	44 kg
	2 persons + luggage	150 kg
Air compartments	airbags	150 L

AMENDMENTS:

- 1 Assurance of equality
- 2 Warranty declaration