

GB

⚠ **WARNING** ⚠
**FOR A CORRECT PERFORMANCE OF ROLLGEN,
 PLEASE READ THE INSTRUCTION MANUAL
 AND FOLLOW THE RECOMMENDATIONS BELOW**

• HOW TO USE THE ENDLESS LINE KIT TACKLE

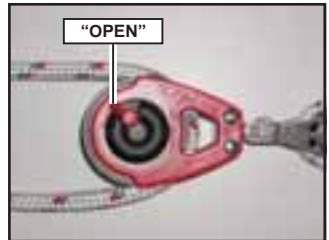
Do not exceed the tension of the endless line tackle; make sure that when the ratchet block is in the "OPEN" position, the endless line is free to rotate in both directions.



**RATCHET BLOCK
 UNFURLING THE SAIL**

When unfurling the sail, always check the ratchet block is in the "OPEN" position before starting to pull on the sheet. After having positioned the red lever in the "OPEN" position, verify the block has released the brake by moving the endless line in both directions. Help easing the initial unfurling operation, especially when the sheet is wrapped around the drum, by assisting the rotation of the drum through the endless line.

WARNING: when unfurling, the sail will fill with wind and the endless line will run fast. Do not try to stop it until the sail is completely unfurled.



FURLING THE SAIL

When furling the sail, position the red lever on the ratchet block in the "CLOSED" position, release the sheet and pull on the endless line in the direction where the block allows the rotation with the ratchet engaged. The rotation from the drum to the halyard swivel through the textile stay will be transferred with a certain delay. Therefore, it is normal that when you start furling the endless line, the sail does not furl. The sail will start furling only when the textile stay has received enough torque with the right number of turns transmitted to the head of the system in order to furl the sail.

E.g.: if 40 revolutions of the drum are needed in order to furl the sail = 20 revolutions are taken in applying torque (the sail does not furl) + 20 revolutions (in order to complete the furling operation); total = 40 revolutions of the drum.



ARTE
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bamar[®]
 Furling & Reefing Sail Systems

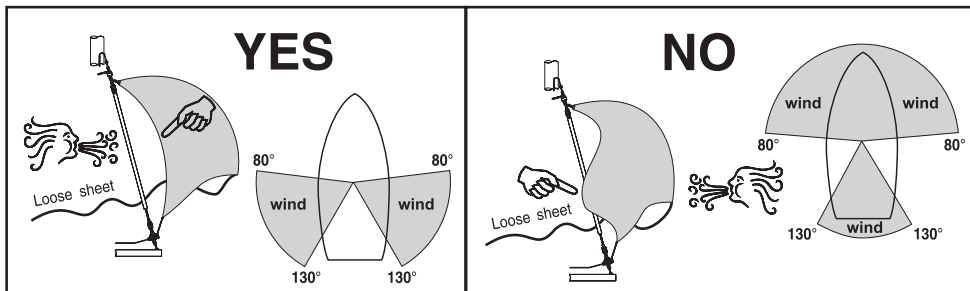
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• HOW TO FURL THE SAIL

In order to carry out the operation, release the sail completely and take charge of the sheet only when 50% of the sail has been furled in. This will help you optimise the correct furling of the sail cloth onto the RollGen stay. Pull on the endless line as above mentioned. Let the sail flap and feather in order to have its luff away from the textile stay and furl from the top (head) to the bottom (tack). Should the conditions not allow the luff to flap and feather away from the stay (e.g. little wind or the apparent wind is too far aft), alter your course closer to the wind to reduce the angle and increase the apparent wind; this will allow the luff to flap and feather away from the textile stay.

WARNING: furl the sail when the apparent wind angle is between 80° and 130° in order to allow the luff of the sail to flap and feather away from the textile stay. If you do not respect this prescription, the lower part of the sail luff may furl in the opposite direction, and this will cause problems the next time you unfurl the sail. Should this happen, pull on the sheet and the endless line with short alternate movements in order to unfurl the sail.



• OTHER SUGGESTIONS

- RollGen may only be left in a working position with its sail furled in good weather and sea conditions. In order to sail with the RollGen pre-set on the bow with its sail furled in with good weather and sea conditions, you have to wrap the sheet around the sail in order to keep the cloth from coming unrolled, and the tackle has to be in working position with the ratchet block on "CLOSED" position. If this recommendation is not respected the sail may unfurl accidentally. The sail you furl with RollGen (Asymmetric spinnaker, gennaker, MPS) is normally made with light and delicate nylon cloth; we suggest keeping RollGen armed only in good weather and sea conditions and just for the time needed. Also note, nylon sail cloth does not have good U.V. resistant properties.
- When the boat is moored, do not leave the system unattended with RollGen in working position and the sail furled.
- Do not use RollGen when the boat is moored on a dock, because you may damage the sail, the structure and neighbouring boats. Moreover, when the boat is moored, you do not have the possibility of changing direction if needed (and consequently you cannot change the apparent wind angle) in order to furl the sail correctly (see section "HOW TO FURL THE SAIL" above).
- Do not keep halyards near to the textile stay; they may hinder the rotation of RollGen.
- Distance between RollGen stay and forestay. It is important that when the RollGen stay is in working position it does not touch the forestay (or the Genoa furled around the stay), even when furling and unfurling with its natural catenary. The distance from the forestay depends on the height of the exit of the halyard and on the position of the connection of the RollGen drum (end of the bowsprit). The higher these measures, the longer the distance from the forestay. It is important to carry out the furling/unfurling operation downwind (between 80° and 130°) as you will be naturally helped by the direction of the apparent wind that keeps the system (stay + sail) off from the forestay. You may therefore install RollGen with very short distances (e.g. on the bow without bowsprit), if you make sure to furl and unfurl RollGen ONLY when the natural pressure of the wind keeps the system away from the forestay, thus preventing dangerous overlaps.
- **Do not interpose stopps or extensions** between tack cable or sail head and shackle. The sail tack has to be connected **directly to the cable** with the bow shackle supplied; the head of the sail has to be connected **directly to the bow shackle** on the halyard swivel.
- Please, make sure the drum **does not rotate on its axis**. It has to be fitted as low as possible (bowsprit head) using the bow shackle supplied or using a **snap shackle** (optional). If you want to use an extension and/or a snap shackle under the drum, it **cannot be a swivel system**.

