## **Introduction**

The sail area of the headsail is controlled by a furling line that is led aft from the headsail drum along the port side. A jammer on the starboard quarter controls the furling line.

Reefing is the same as partial furling. After reefing, re-position the headsail sheet deck cars as necessary.

The working sheet and the furling line should always be operated together, keeping tension on the line being eased. If short-handed, ease and haul alternately.

CAUTION. When unfurling the headsail in fresh winds the furling line should be given a turn round another winch to prevent it running out too quickly. Failure to do so could cause a rope burn.

# Setting the Headsail

* Prepare the furling line, remove snags and lay it out on the cockpit floor.
* Release the furling line jammer and the lazy sheet.
* Unfurl the headsail by hauling in the working sheet.
* When sufficient headsail is set, jam the furling line.

# Reefing and furling the Headsail

The full headsail should not be used in apparent winds above 15 knots.

* To reef luff the headsail by heading up and ease the working sheet to unload the sail and then haul in the furling line by hand. There should be no load on the sail when reefing, ease the sheet until the sail is flapping and/or continue luffing up.
* To fully furl, ease the working sheet and haul in the furling line until all the sail is furled round the forestay and there are two turns of the sheets around the furled sail.

Note: In strong winds the headsail must be eased and the yacht luffed until the leech is flapping before the furling line can be hauled in. This may require a series of alternate movements.

**Note:** wind power increases exponentially to wind strength. 20 knots is about 4 times the wind power of 10 knots.

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| **Wind strength Knots** | **Head sail** | **Main Sail** | **Notes** |
| 0-12 | Full | Full | Cunningham Wrinkles |
| 12 | Roll up 2 turns of foil | Full | Tighten outhaul and Cunningham |
| 15 | First dot | First reef |  |
| 20 | Second dot | Second reef |  |
| 25 | Third dot | Third reef | Depower main with traveller |
| 30 | No.3 jib or no Genoa | Third reef | Depower main with traveller |
| 35+ | Storm jib | Storm trysail | Sheet flat on centre line |