

## STRUCTURAL FURLER

The furler is designed for a composite torque cable. The tension on the stay can be controlled with the high pressure cylinder inside the unit. The structural furler is lighter and smaller than a standard system as it is designed to completely furl and unfurl the sail. With the use of our top swivel the sail is furl both from bottom and top.

It can be designed with connection to the bottom bow or from the deck with an articulated connection.

The unit can be supplied with integrated Cunningham tensioner and/or linear sensor for the stay.

The Cunningham cylinder is a special version of a Simple Magic Trim which is fixed on the furler body.

The integrated linear sensor for the stay cylinder complete the unit for a full control, which can be automatically used to adjust the mast rake while tacking or gybing.



GIRO ST 080P

MODEL	Stay max load	Max tensioner pressure	Furler max oil pressure <sup>(1)</sup>	Maximum flow rate	Cunningham max load	Furl torque	Unfurl torque	Weight	Dimensions
	kg	bar	bar	l/min	kg	Nm	Nm	kg	mm
<b>GIRO ST 070P STD</b>	11121	418	140	20	6760	700	400	92	1620x370x261
<b>GIRO ST 076P</b>	21250	420	140	20	6000	700	400	127	1930x358x279
<b>GIRO ST 080P</b>	27500	500	140	20	6000	700	400	99	1719x358x279
<b>GIRO ST 080P STD</b>	19250	350	140	20	3500	700	400	107	1474x380x279
<b>GIRO ST 120P</b>	40000	495	250	100	9700	2000	1100	257	2191x620x500 <sup>(2)</sup>

(1) The furler is designed to fully furl/unfurl the sail with no load on the sheet

(2) Deck installation

