

# EASY & LOW MAINTENANCE



## >> Easy cruising :

Sparcraft offers a complete range of furling masts, manual version or motor assisted electrical and hydraulic systems. The Sparcraft manual furling masts exclusively use wormdrive systems. This system is the only way to guarantee a perfect furling operation without jamming, and can be handle by one person (two-hand control).

FURLING MASTS

## EASY HANDLINGS

Function	P28 & 29
Electrical & hydraulic drive	P30



FURLING MAST - F RANGE

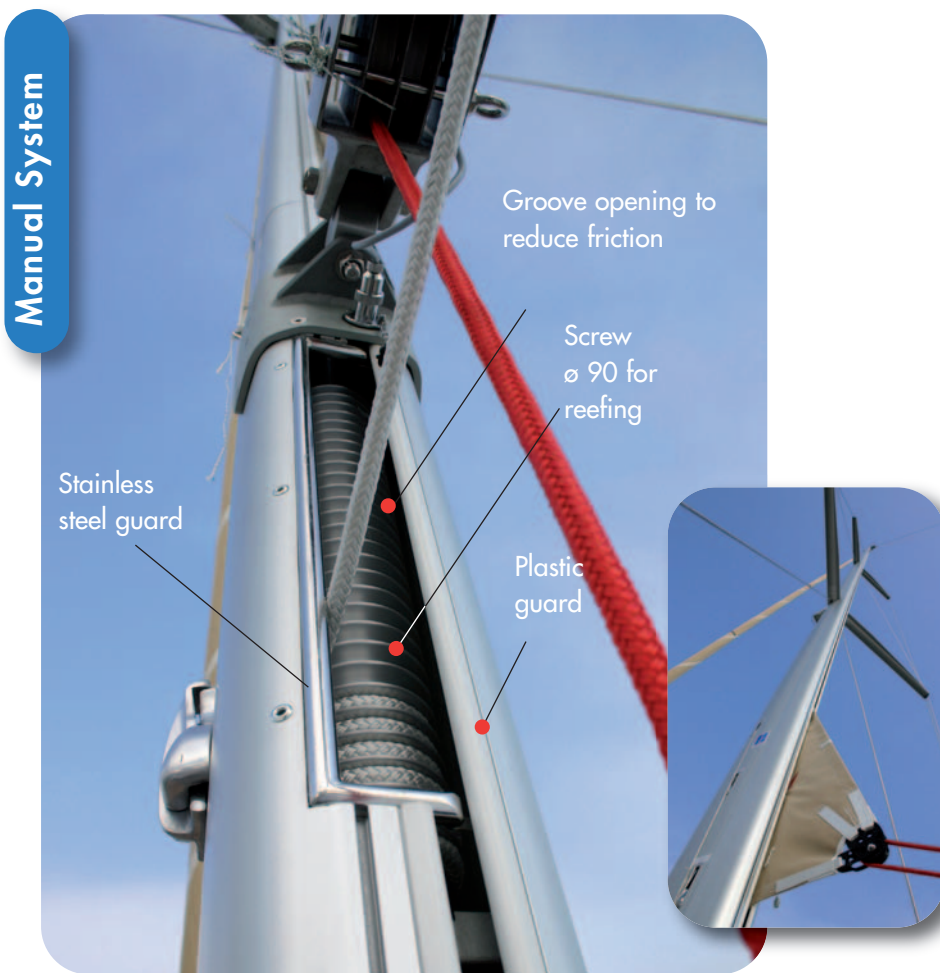
# FURLING MAST - F RANGE

*Effortless reefing*

The SPARCRAFT manual stoway masts work with a tried and tested worm drive reefing system. The perfect lead of the reefing control allows partial or totally furl the main sail from the cockpit in a reliable way. In addition Sparcraft can offer a hydraulic or electric drive system to make reefing even easier.

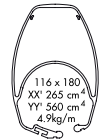
## A COMPLETE RANGE UP TO 72'

■ The SPARCRAFT manual stoway masts exclusively use worm drive systems. This system is the only way to guarantee a perfect furling operation without jamming, and can be operated by one person (two-hand control).

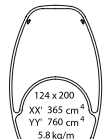


■ The sections range from 4.9kg/ml to 15.9kg/ml, and are a perfect alternative to the standard sparcraft sections (see also the custom chapter for large boats). It is possible to offer all our customers – yards, professionals or private customers, either a furling or a traditional mast with the same mast step reference and the same running and standing rigging.

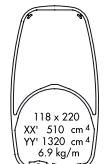
■ The groove opening is off centre in order to improve the reefing operation when using the manual version.



F265 E



F365 E



F560 E



F760 E



F980 E



F1410 E

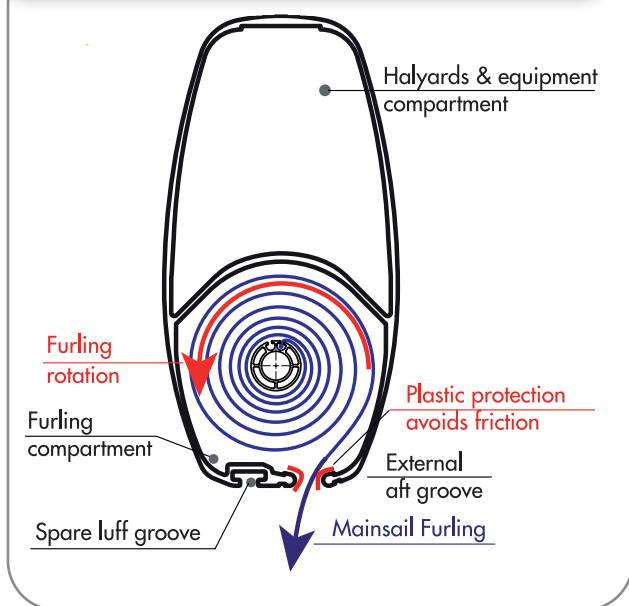


F1980 E

## FURLING MAST - F RANGE

*Effortless reefing*

### Operation of the furler



- Perfect lead of the rope (controlled from cockpit) with a worm drive;
- The worm drive transmits the rotation in which the main sail is reefed;
- Reefing the sail at the luff reduces the sail area rapidly;
- The mast sections are extruded with an additional aft groove so a trisail can be easily fitted;
- Plastic protection is clipped to the edge of the sail groove, this reduces wear to the main sail and minimizes noise (when the sail is out).



## SPARCRAFT REFERENCES

■ **Range compatibility:** the compatibility between the S range and F range allows the shipyards to fit their boats with either a standard or a furling mast, with the same mast step and deck collars and the same running and standing riggings. Thus it is easy to go from a standard mast to a furling mast.

■ Shipyards who have already used our furling masts :

Bénéteau 57, Cabo Rico, Catalina, Dufour (325,365,385,425,455,485,525); Feeling (32, 36, 39, 44), Hood, Island Packet, Oceanis 50; Sunbeam (37,39,42/1, 44, 53); Sun Odyssey 32 & 49; Tartan, Wauquiez (43,47,55).



### THE SPARCRAFT ADVANTAGES

- Fast and safe reefing
- Easy handling from the cockpit
- Reefing the sail at the luff reduces the sail area efficiently and rapidly
- Electric and hydraulic drive systems are available for Sparcraft furling mast sections (see page 32).

■ See also custom chapter page 12.

# FURLING MAST - F RANGE

*Effortless reefing*

## HYDRAULIC OR ELECTRIC DRIVE

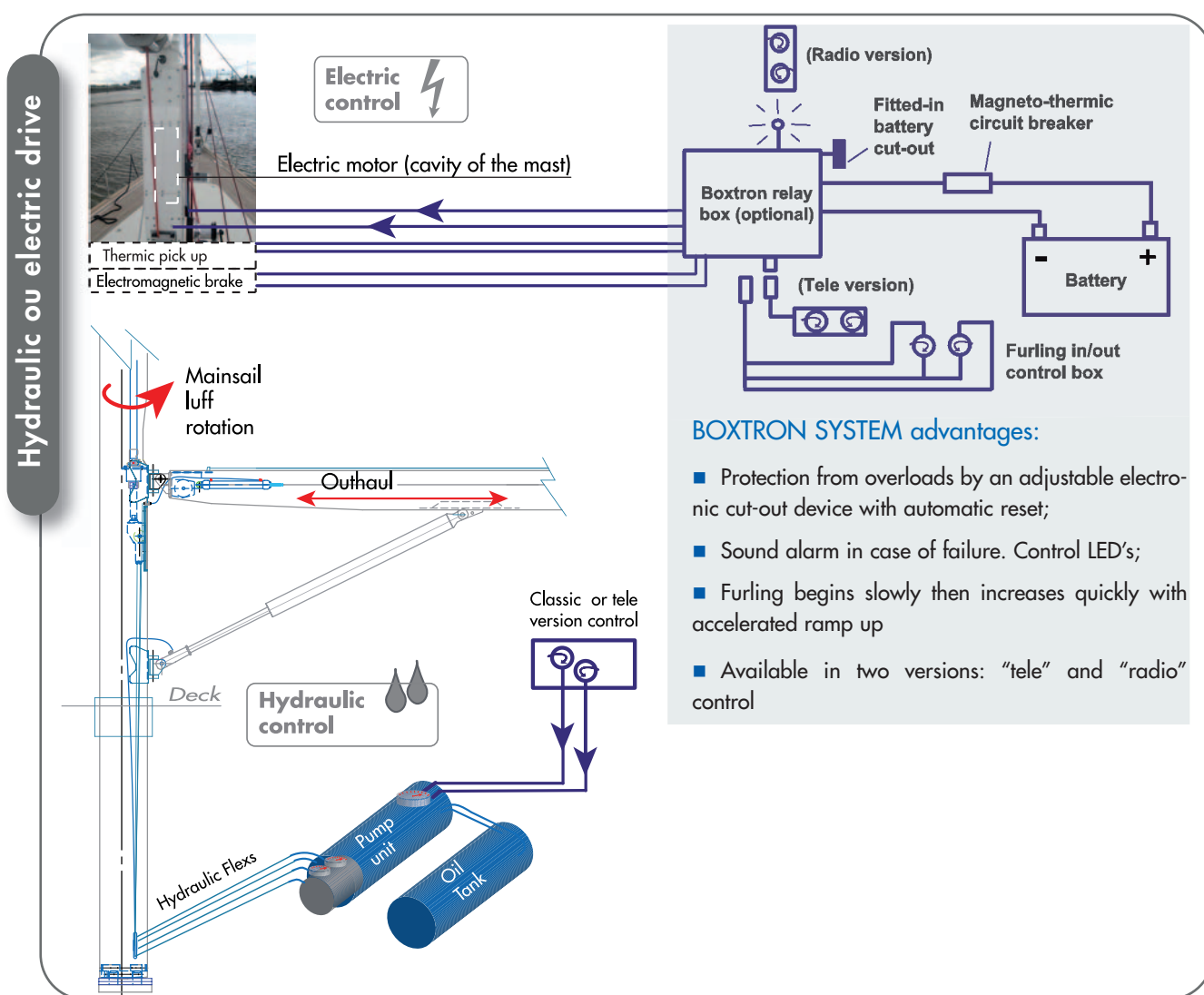
■ For easier operation Sparcraft offers an optional electrical or hydraulic system (see diagram below). Simply by pressing a button, the main sail will furl in and out (remember to ease the main sheet before\*).

\* warning possible high loads

■ The electrical 12V or 24V motors are perfectly integrated into the mast section and are mounted on a reducer; the mechanism is operated either manually (with a winch handle) or electrically.

■ The system is totally integrated into the mast : the mechanism can be installed in the standard manual furling masts.

■ The BOXTRON system makes the assembly and the wiring of the electrical system easier. This "intelligent relay box" protects the electrical installation and guarantees good operation of your furling system. It is available in remote control or radio control.



## BOOMS FOR FURLING MASTS



■ All our boom sections can be fitted to suit the furling masts (wheeled boom cars, or with a track and ball bearing cars);

■ Roller cars for sections F60 to F810 and ballbearing cars for sections F550 to F3400