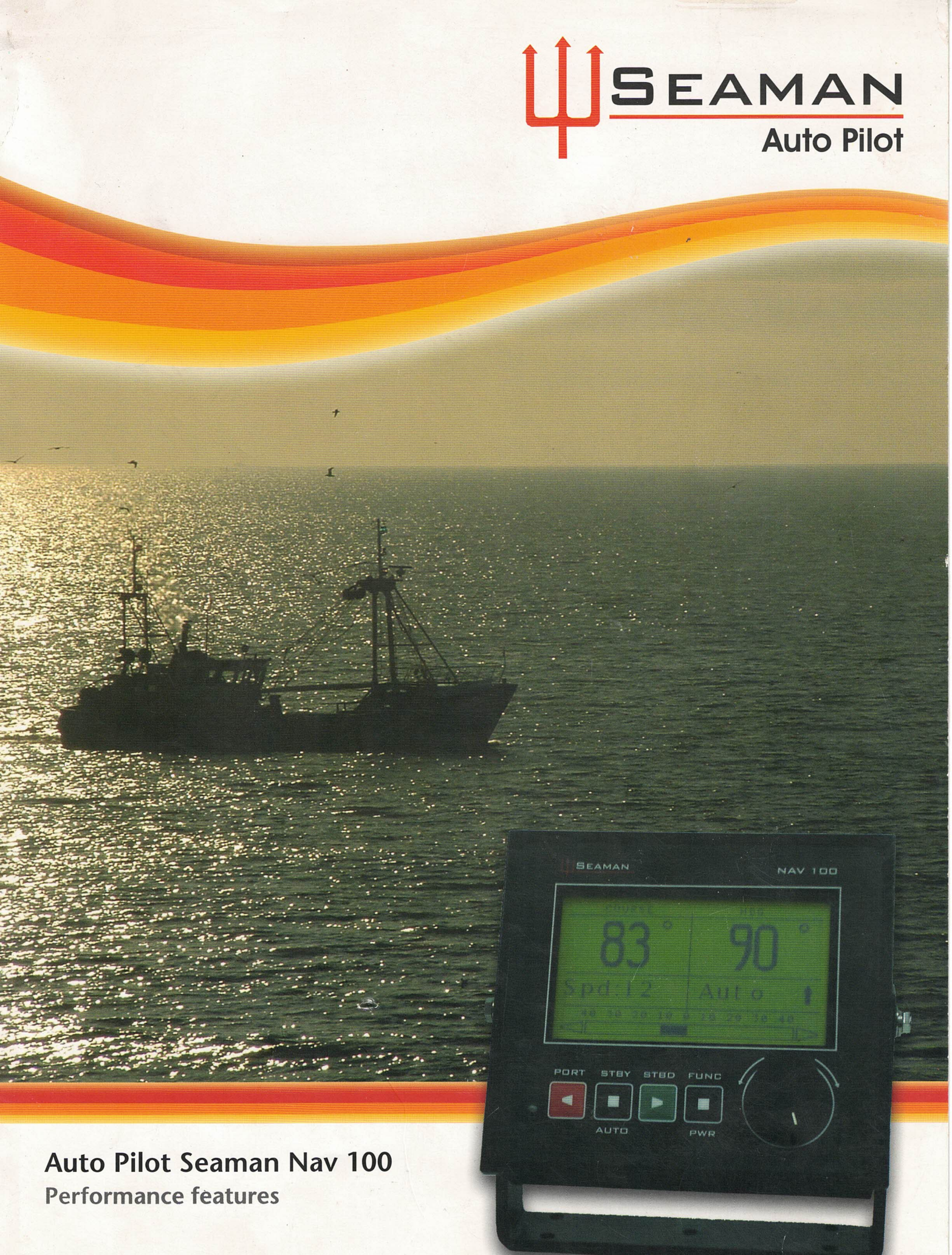
SEAMAN

Auto Pilot



Auto Pilot Seaman Nav 100

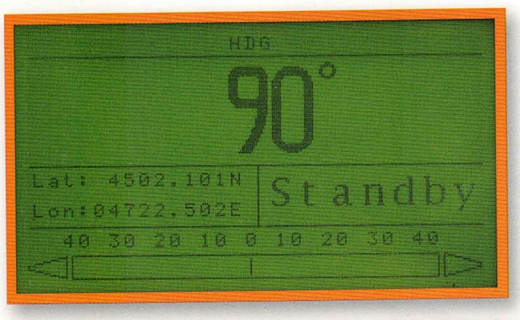
Performance features

AUTOPILOT - performance features

Strong building: The NAV-100 is a well-made product built inside two strong aluminum chassis. Rudder sensor is a very resistent polymer piece with metal parts built using the best stainless steel to avoid any rust risk.

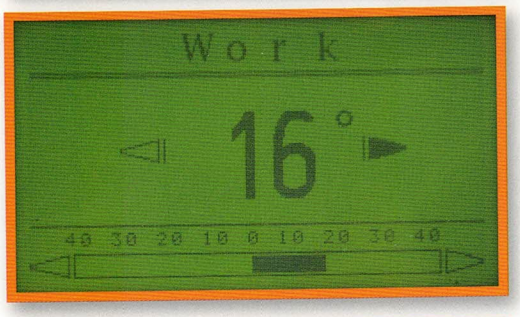
User Friendly with Professional Output: Although this pilot is minded for the professional seaman, it remains an easy to use navigation device. Everything could be done with its 4 soft touch keys and the front panel knob. The Command Unit is equipped with a five inches widescreen LCD, which allows an easy data acquisition. The NAV-100 software includes a series of prefixed parameters that user can simply select for slow or fast navigation. The NAV-100 is both an easy to use equipment, with high level adjustments to provide professional or amateur sailor, and the finest navigation solution.

High Level Connectivity: Another important feature of this model is its connectivity via NMEA, that allows GPS data input as well as speed, bearing and GPS compass of almost any manufacturer, avoiding the use of any interface.



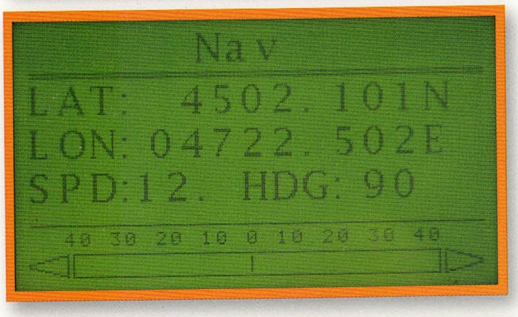
STAND BY MODE

Once the equipment is turned on, the STAND BY mode will indicate bearing data from the selected external source in the upper side of the display. Rudder Angle Indicator and actual lat/long data will be displayed in the lower side of the screen.



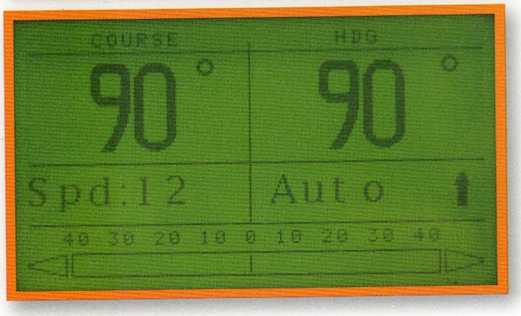
WORK MODE

This mode will display a numeric indication of the rudder angle and below that, a graphic indicator. This combined displayed data allows a clear reading of the rudder position every time is needed.



NAVIGATION MODE

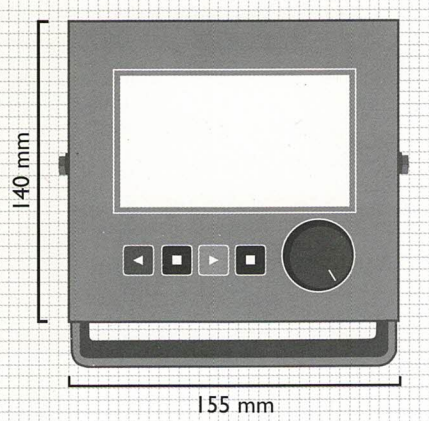
The Navigation Mode emphasizes the ship position data and the actual speed and bearing and, in the meantime, the graphic rudder angle indicator is showed in the lower part of the screen.



AUTO MODE

In AUTO MODE the desired course (COURSE) will be displayed to the left of the screen while in the right side appears the true bearing of the ships bow. In the lower part of the screen, appears the ship speed data and the mode indicator, which will show the "AUTO" value. The arrow, besides the mode indicator, shows the prefixed parameters selected. When the arrow points up, high speed navigation parameters are used, meanwhile when it points down the pilot uses slow navigation prefixed parameters. Finally, below all this information, the graphic rudder indicator is showed.

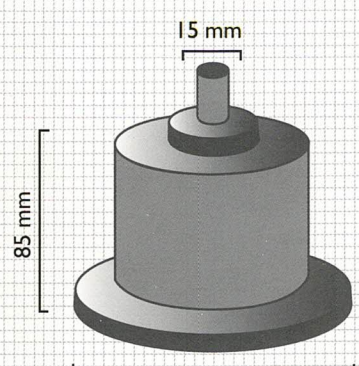
AUTOPILOT - dimensions and weight



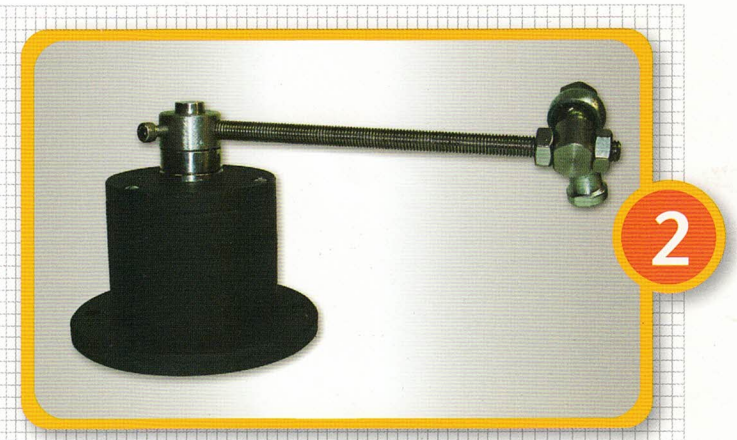
WEIGHT
1.3 kg



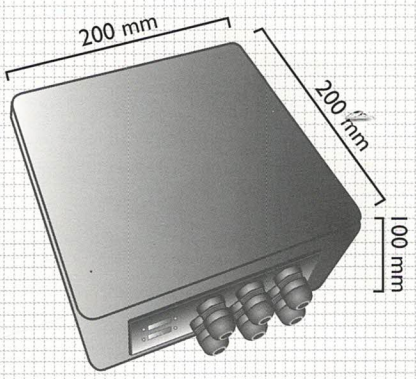
DISPLAY BOX



WEIGHT
1 kg



RUDDER SENSOR



WEIGHT
2.4 kg



JUNCTION BOX

AUTOPILOT - specifications

DISPLAY UNIT

- Model: NAV100
- Display type: D100 - 240x128 led backlight

JUNCTION BOX

- Operating voltage: 18 VDC to 35 VDC
- For use with 24 VDC battery systems only
- Operating current: 1.8 amps (minimum)
- Operating temperature range: -15 to +60 Co
- Heading resolution: 0.25 degree
- Heading accuracy: +2.0 degree
- Course set resolution: 1.0 degree
- PORT / STBD Output type: open collector, 3 amps max.
- Navigation input: NMEA 0183 (4800 BAUD): RMA, RMB, RMC, APB, APA, XTE, BOD, WBD, HSC, VBW, VHW, VTG
- Angle sensor: model AS100

OPTION

- Electronic compass: model EC100 - weight: 2.4 lb

FOR FUTHER INFORMATION, CONTACT:

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