

### Blending

DN32 Flexblender - for fuel oil (Automatic)

#### TURNKEY SOLUTIONS

There are many variables to take into account when fitting a blending system and our highly skilled engineers will adapt our system to fit your exact requirements.

#### TECHNICAL SUPPORT

We are with you all the way. Before, during and after the implementation to secure a flawless integration and operation.

#### ZERO DOWNTIME

As a central part of a bunker delivery system; mechanical stability, toughness and durability is an important aspect of the manufacturing and design philosophy.

For more information on these or other of our products or services please visit us on the Web at:

[www.cbi.dk](http://www.cbi.dk)

## Fuel Blending System for Marine Diesel engines

Blend any IFOxxx Fuel using HFO and MGO/MDO [ISO8217:2012]



## Reduce fuel costs by Blending your own fuel

*Rising fuel costs have a tremendous effect on the profitability of your business*

Many ship owners are converting their engines from expensive Marine Gas Oil to HFO depending on what Fuel quality their engines may accept, at the same time changing their cost structure from high priced MGO to lower priced HFO.

However, there are even more savings to be made.

When you buy HFO (or IFOxxx) from your supplier, they have blended this from even heavier HFO i.e. 700 cSt. Doing this requires specific knowledge of blending properties and ratios. But just as important, the ability to blend a homogenous product.

**What if you could perform this process yourself?**

Some ship owners do this already, by pouring the fuel products into a day tank and blending them there. However, this often leads to incorrect specifications and engine problems.

With the Go4 Fuel Blending System you remove guesswork and uncertainty from the blending process. The system is a scaled down version of similar systems used by professional bunker suppliers around the world and with the same attention to detail and safety.

#### The process is simple

You purchase a higher viscosity Fuel Oil e.g. IFO380 or 500 and mix it with a low viscosity product (MGO/MDO/Cutter Stock) to create the exact viscosity you need and in accordance with ISO8217:2012.

This will save you a lot of money.

**Go4**  
INTELLIGENT BUNKERING SOLUTIONS

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#### SERVICES AVAILABLE

Consulting Services  
Technical Support  
Installation and Setup  
Maintenance  
Warranty

## Technical Specifications DN32 Flexblender (automatic)



## Constant, Reliable Operation

Blending Capacity 3,6–7,8 m<sup>3</sup>/Hour  
Blending Range 1-99%

#### Easy to operate

Select the desired viscosity on the LCD display and the operation runs automatically.

#### Safety first

The unit has triple security measures to avoid any spillage or accidents.

#### Easy installation

The unit comes complete with fuel pumps, valves, safety valves, blending unit and automatic control and adjustment of the required viscosity.

It can be dismantled for easier access to the engine room during installation.



## Optional versions

#### Manual system

A low cost basic blending system for attended operation, but the same high quality components.

#### Semi-Automatic System

The same basic blending system as the manual system, but with automatic viscosity measurement. However, blending adjustments must be made manually.

#### Safety Measures

1. Sensors for over-heating will shut down the pumps
2. Pressure relief valves in the pumps will recirculate
3. Pressure relief valves after the pumps will lead flow back to tanks

Description	Specification
Production Capacity	3,6 - 7,8 m <sup>3</sup> per Hour
HFO Fuel Line	DN50 / 2"
MGO Fuel Line	DN40 / 1½"
Blended Fuel Line	DN50 / 2"
Mains Supply	400 VAC 50 Hz 10A
Max Operational Pressure	6,8 bar
Measurements (LxWxH)	1120 x 1120 x 1250 mm
Weight	450 kg /1,000 lbs



**INTELLIGENT BUNKERING SOLUTIONS**

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