

Insatech Marine
Fuel Oil/MGO Blending System

MARINE

Ensure Your Operations with Reliable and Precise Fuel Blending

The Insatech Bunker Blending solution will help you blend and deliver bunker fuel in accordance with the desired specification and in a well-defined quantity. The solution uses flow meters based on the Coriolis principle, which provides you with a direct measurement of mass and density. This ensures delivery of bunker at any viscosity using the minimum but correct amount of gas oil.

Why Should You Choose Us?

At Insatech, we do not just offer blending systems; we can assist you with everything from your initial thoughts and ideas to implementation and support.

Here is how we deliver unmatched value:



End-to-End Process Control:

We ensure that you are supported from the beginning to the end in implementing the blending system to monitor and optimize your process



Real-Time Data Integration:

Essential performance data is seamlessly integrated into your control systems, offering transparency and efficiency



Pressure Boosting for Consistent Flow:

Optional booster pumps maintain sufficient pressure to the engine, even under conditions such as long pipelines or high-pressure drops

Designed for Your Success

With Insatech's blending system, you gain more than a technical solution – you gain a partner in operational excellence.

Our system is specifically tailored to industries that demand precision and reliability. Whether you are blending fuel for optimal combustion or meeting regulatory standards, we have got you covered.

Key Benefits:

- **Precision Viscosity Control:**
Ensure optimal fuel combustion and engine performance by achieving your exact viscosity targets
- **Robust Performance Under Pressure:**
Engineered to handle pressure and temperature fluctuations, our system is perfect for demanding industrial environments
- **Simplified Compliance and Documentation:**
Automatically generate detailed delivery reports with precise measurements of viscosity, temperature, and quantity
- **Seamless Mixing:**
Our static mixer ensures uniform blending, eliminating inconsistencies



Applications Across Industries

Our blending solution is already installed and trusted by different industries including power plants, who want to optimize the fuel used in their generators.

Another example is bunker suppliers, who need to deliver fuel with exact specifications for ship engines to ensure efficiency and compliance.

Moreover, our blending solution can be used in many other industries as it is suitable for any operation requiring precise fuel blending to a specific viscosity.



On Land

Reliable blending wherever you need it



On a Ship
Built for performance in demanding conditions



In a Container
Flexible, modular, and ready to deploy



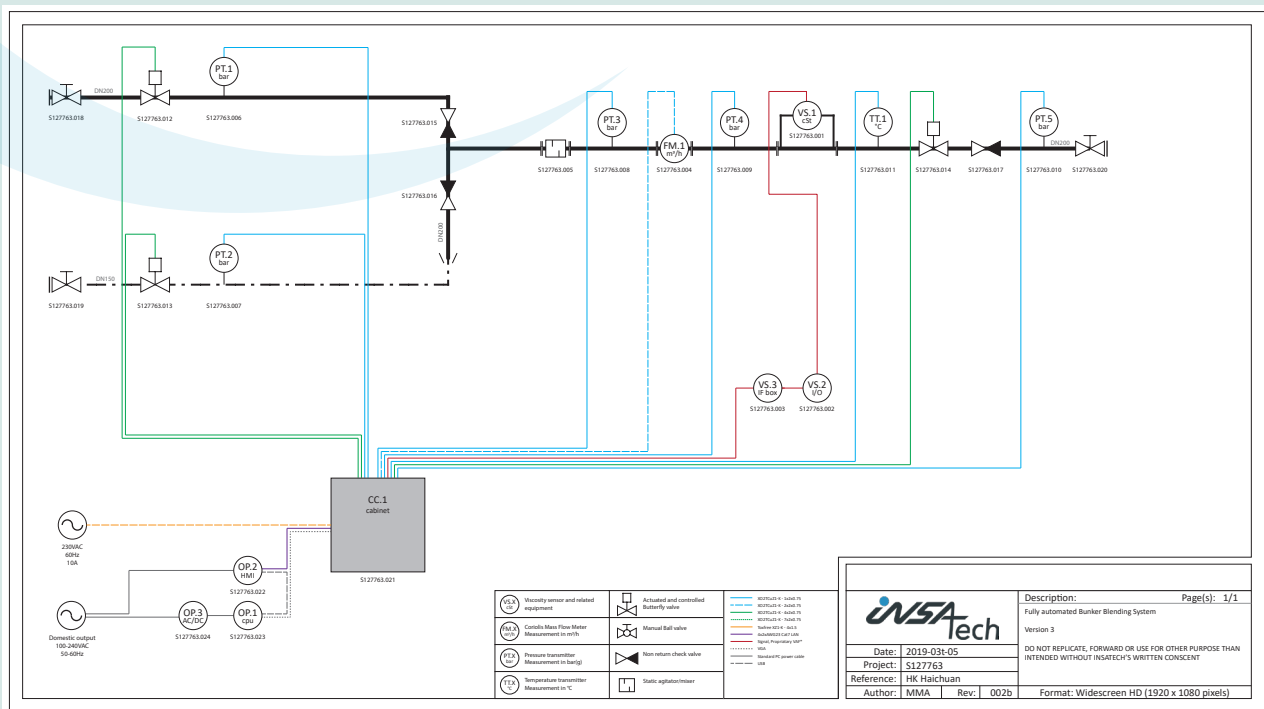
The Technology Behind the Precision

Our system is powered by the following components to guarantee superior performance and reliability.

Some of the main components are:

- Touch Screen Operator HMI
- Coriolis Mass Flow Meter (0-3 pcs)
- Viscosity meter
- Inline continuous sulfur analyzer-optional
- Pressure Transmitter (0-6 pcs)
- Temperature Transmitter
- Butterfly Valve (2 pcs)
- INSATECH Short Pipe Static Mixer
- Control Cabinet

Let Insatech help you achieve seamless operations, precise blending, and unparalleled reliability. Whether for power plants, shipping, or other industries, our blending system supports even your complex processes.





MARINE

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