

SPECIFICATIONS



1.5 MW 2017 New MAN B&W 7L21/31 HFO Engine

1.5 MW 2017 New MAN B&W 7L21/31 HFO Engine

Description

This 1.5 MW (1,500 kW) heavy fuel oil (HFO) engine set is a high-performance industrial prime mover engineered for continuous-duty power generation, mechanical drive, and propulsion applications. Powered by a 7-cylinder, four-stroke medium-speed engine with a 210mm bore and 310mm stroke, this unit is purpose-built for cost-efficient operation on low-grade residual fuels. With no alternator included, this engine set offers maximum configuration flexibility — allowing operators to couple their preferred generating end, gearbox, or mechanical drive train to suit specific project requirements. With a 2017 manufacture date and new condition status, this unit offers immediate deployment readiness with a full operational lifespan ahead.

Rated at 1,500 kW continuous output at 1,000 RPM (50 Hz) or 900 RPM (60 Hz), the engine delivers high thermal efficiency exceeding 42%. The unit features charge air cooling, wet exhaust manifold compatibility, and integrated fuel treatment systems including centrifugal purifiers and preheating modules to condition HFO to the correct viscosity prior to injection.

KEY FEATURES:

- 7-cylinder, four-stroke medium-speed HFO-capable engine
- No alternator — open drive end for custom coupling configurations
- Integrated fuel conditioning and purification system

ADVANTAGES

- Substantially lower fuel costs — HFO priced up to 40% less than distillate fuels
- Proven reliability in continuous baseload and propulsion duty cycles
- Maximum integration flexibility for genset, shaft generator, or mechanical drive builds

1.5 MW 2017 New MAN B&W 7L21/31 HFO Engine

Manufacturer	MAN
Model	B&W 7L21/31
Year	2017
Condition	New
Location	Europe
Qty Available	4 Units
Category	HFO Marine Engine
Subcategory	1 – 9 MW
Stock Number	USP010147
Wattage	1.5 MW
Hours	Zero
Frequency	60 Hz
Fuel Type	Heavy Fuel Oil
Voltage	No Alternator
Balance of Plant Available? (BOP)	-

Quick Access:

Products: [USP&E | Owners Engineering, EPC and O&M Inventory by Category](#)

Product Subcategories: [HFO Marine Engine - 1 - 9 MW for sale at USP&E | Owners Engineering, EPC and O&M](#)

Sectors: [Crypto Mining Power Solutions | Crypto Mining Energy](#)

Services: [Thermal Power Station Experience](#)

Solutions: [Power Plant Predictive Maintenance](#)

Asset Photos

