

250 mm Booster Station “PERSEUS “



Technical specifications

Main engine (dredge pump)	:	CAT C 15 ACERT A-rating (TIER 3)
Installed power	:	446 HP at 1800 rpm
Pump	:	Warman 10/8 FF-GH ($Q_{max} = 900 \text{ m}^3$ at 877 rpm)
Suction and discharge pipe diameter	:	250 mm (10 inch)
Integrated fuel capacity	:	1.500 litres max (= 1.300 litres effective, for emergency)
Length of container (20 Ft)	:	7.08 m ¹ (6.06 m ¹ excl. additional air inlet silencer)
Width	:	2.43 m ¹
Height	:	4.09 m ¹ (2.59 m ¹ excl. additional air outlet silencer)
Dry weight	:	Approx. 11 tons

Features:

- The booster is isolated for maximum noise reduction. 49.8 dBA (at 1500rpm) and 50.5 dBA (at 1800 rpm) on 88 meters has been measured.
- The dredge pump has a special designed “diamond facing” mechanical seal
- For electrical supply a 1.5 kW 24 V – 230 V converter is installed.

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