



OPERATIONAL SAFETY AND COST SAVINGS

NEANDER Dtorque.

THE FIRST TURBO DIESEL OUTBOARD WITH DUAL CRANKSHAFT.

The NEANDER Dtorque Turbo Diesel sets a new benchmark in diesel engineering, especially for outboard motors. Its 800cm³ twin-cylinder aluminium powerhead delivers a lusty 50hp at the propeller shaft. But what's more remarkable is its torque output: Peaking at 111Nm at 2,500rpm, that's more than the best-performing 70hp fuel injected four-stroke gasoline outboards on the market today. This gives the Dtorque exceptional lugging ability as well as the ability to get onto the plane quickly, and both with modest fuel consumption (10 to 12 litres per hour).

But NEANDER's unique innovation is its dual counter-rotating crankshaft design: By generating opposite forces, the two shafts cancel out most of the vibrations around the steering axis that would otherwise make such a small and powerful twin-cylinder diesel outboard hard to handle.

This compact unit is the only outboard in the mid-power range to offer all the benefits of state-of-the-art diesel engineering: The typical diesel advantages in torque, lower fuel consumption, long range, reliability, and safety due to lower fire risks – all this provides the NEANDER Dtorque.

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ENGINE SPECS

Power	36,8 kW/50 hp at 3.500 - 4.000 min ⁻¹
Max. Torque	111 Nm at 2000 - 3000 min ⁻¹
Engine Type	4-Stroke turbo diesel
Balance	Dual counter-rotation crankshafts
Swept Volume	804 ccm
Bore x Stroke	80 x 80 mm
No. Cylinders	2 In-Line, twin
Intake	Water cooled turbo charger and charge air cooling
Lubrication	Integrated dry sump – pressure lubricated
Fuel	Diesel
Injection	Bosch common rail direct injection
Starting	Electric
Alternator	Standard 12 V/300 W
Cooling	NEANDER Active Thermo-Management System (ATMS)
Exhaust	Integrated underwater thru-hub propeller
Steering	Tiller / remote control, optional
Suspension	Silent-block-controlled compression and traction
Trim	Power trim
Shift	Mechanical – dog-clutch gearing
Transmission	Ratio 13/27 (2,07:1)
Available Shaft	Versions 20" (L) and 25" (XL)
Standard Propeller Type	3-blade with built-in damper
Weight	Basic Version 175 kg (dry)

Technical data is subject to change.