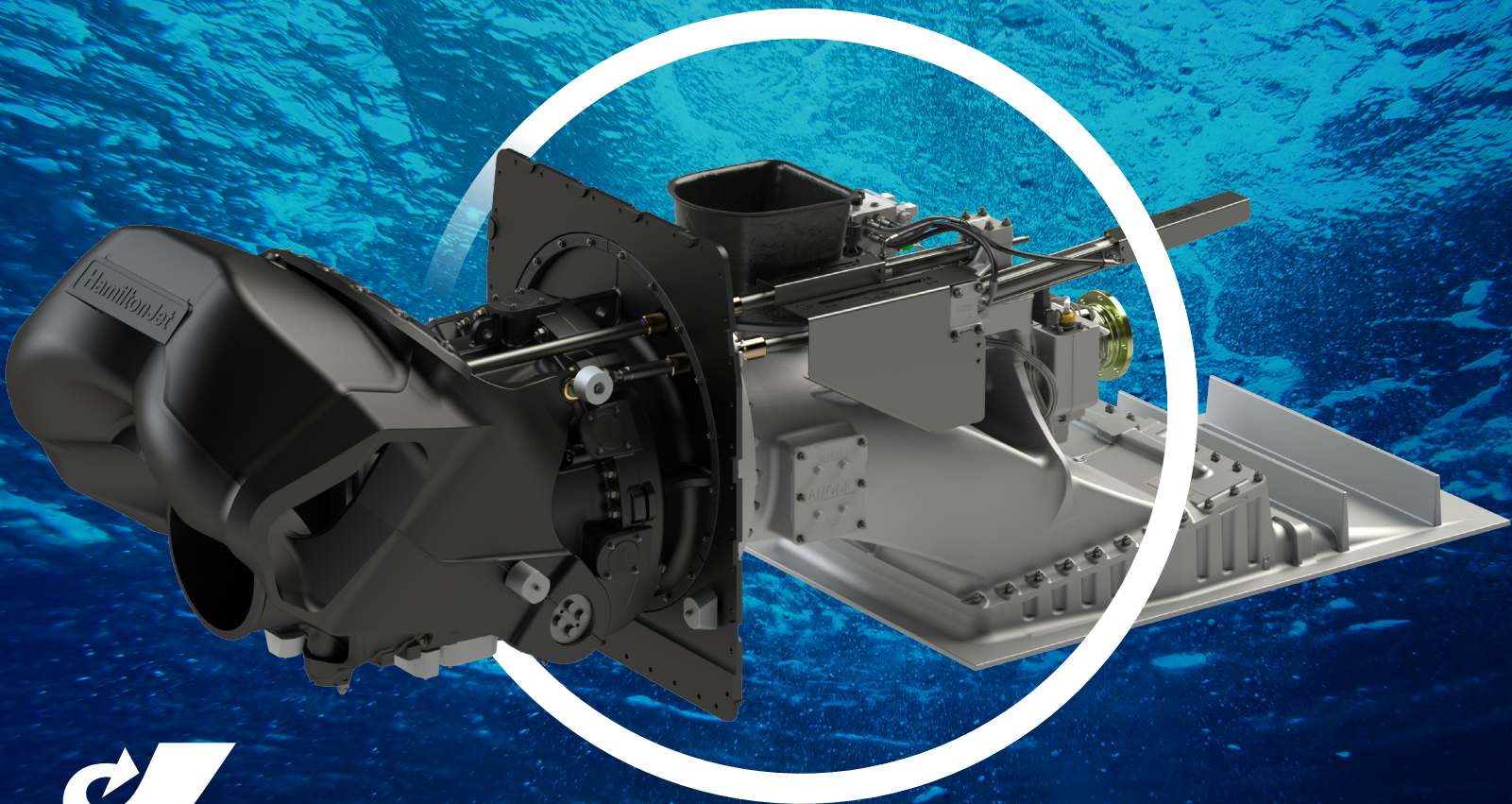


LTX53

SPECIFICATIONS




HamiltonJet

The Waterjet Reimagined

LTX53

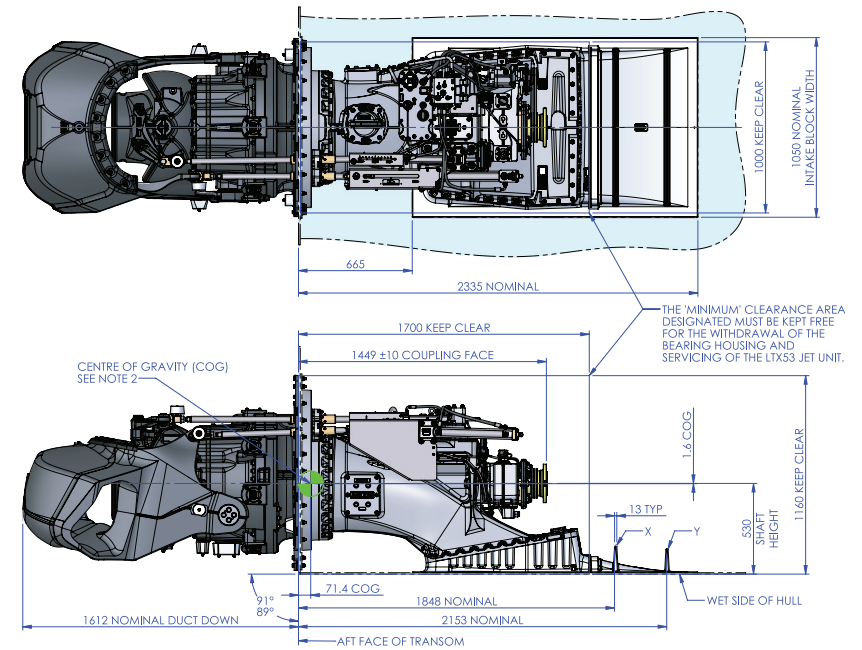
SPECIFICATIONS

The LTX53 is the latest model in our new waterjet range optimised for low-to-medium speed vessels, featuring very high efficiency in a compact, durable, simple to install package.

LTX53 features:

- Power: 672 kW / 901hp (max).
- Max RPM: 1022 RPM.
- Min RPM: 260 RPM.
- Speed: up to 30 Knots.
- Jet Weight: 1184 kg (dry).
- Entrained water: 362 kg.
- Intake block (Al): 91 kg.
- Jet construction: Marine Grade Aluminium / Duplex SS.
- Shaft Angle: 0°.
- Shaft Rotation: Right Hand.
- Classification: DNV-GL, BV, ABS.
- New hydrodynamic design delivers high efficiency at low to medium speed
- Max Bollard Pull 44.2 kN
- Excellent cavitation margins
- Enhanced corrosion protection
- Compact inboard footprint with fully integrated hydraulics
- Ideal for hybrid and electric vessel applications and our EHX system
- AVX electronic controls

COMPONENT	MATERIAL	STANDARD
Intake Block	EN AC 44100 Cast Marine Grade Aluminium	BS EN 1706
Intake Material	EN AC 44100 Cast Marine Grade Aluminium	BS EN 1706
Stator Material (without LEI)	EN AC 44100 Cast Marine Grade Aluminium	BS EN 1706
Nozzle Material	EN AC 44100 Cast Marine Grade Aluminium	BS EN 1706
Steering Deflector Material	EN AC 44100 Cast Marine Grade Aluminium	BS EN 1706
Astern Deflector Material	EN AC 44100 Cast Marine Grade Aluminium	BS EN 1706
Mainshaft Material	2205 Duplex Stainless Steel	ASTM 276
Wear Ring Material	2205 Duplex Stainless Steel	ASTM 240
Impeller Material	CF8M Cast Stainless Steel	ASTM A743
Anode Material	High Energy Aluminium (Internal and External)	



IMPORTANT NOTES: The LTX53 dimensions shown above are Indicative and Preliminary dimensions only for initial design purposes, and subject to change without notice or obligation. Please consult with the factory before using these preliminary dimensions for final installation requirements as these may have changed. Waterjet selection is determined by a range of hull and operational factors, most importantly vessel size and displacement (weight), and not necessarily by matching the above specifications to the desired engine power/RPM curve. In all cases you should consult HamiltonJet for assistance with waterjet selection.

