

LIGHTWAVE DIESEL GT6 JET BIKE

GROUND BREAKING WATER TOYS

Abel 
YACHTS LIMITED



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The ground breaking new LightWave Diesel GT6 Jet Bike is a game changer in super yacht toys and accessories. From the Abel Yachts team whose corporate goal is to build luxury yachts and yacht products, the new Diesel GT6 is designed and built to international yacht standards for use on yachts. Powered by a 115 hp diesel turbo-charged engine, performance is comparable in terms of acceleration, top-end speed (40+ kn) and weight to a petrol powered ski of similar rating.



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The LightWave Diesel GT6 is styled by Andrew Langton of Reymond Langton Design to be both beautiful and functional. Built in carbon fibre the Diesel GT6 is expected to weigh 325kg. The Abel Yachts Team understand the limitations imposed by class and other rules on the operation of petrol powered toys and storage of petrol on board a yacht. The restriction on storage of the petrol toys in an internal garage often results in the location of toys on outside decks that yacht owners would prefer to reserve for their own enjoyment. The constant need for refuelling to operate petrol jet skis and other petrol toys is a significant burden for yacht skippers and surveyors.

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DIMENSIONS

FUEL CAPACITY	14.6 gal / 55 l
LENGTH	137" / 350 cm
WIDTH	48" / 122 cm
WEIGHT (DRY)	720 lb / 325 kg
STORAGE CAPACITY	15 gal / 55 l

HULL

- TRANSOM BOARDING PLATFORM
- ROUGH WATER INSPIRED DEEP-V HULL
- STABLE AND PREDICTABLE

ENGINE

TYPE	BMW 3 Cylinder Diesel
INTAKE SYSTEM	Turbo Charged
DISPLACEMENT	1,500 cc
COOLING	Closed Loop Heat Exchanger
TRANSMISSION	Jet Bucket Control
STARTER	Electric
FUEL TYPE	Diesel



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The stylish high performance LightWave Diesel GT6 is the solution to these dilemmas. Moreover, boisterous operation of yacht toys by guests in certain locations has increased pressure on Skippers to maintain control, particularly on charter yachts.

Optional upgrades include the latest technology in enhanced safety including proximity and remote control limiters to enable yacht crew to anticipate and avoid hazards.

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EE20 ENGINE SPECIFICATIONS

Displacement cc 1,500

Maximum power output kW(PS)/rpm 115/4,000

Maximum torque output Nm 270/1750

CO2 emissions (g/km) 100 in Automotive Applications

Compression ratio 16.5

Bore x stroke mm 84 x 90

Fuel injection system Variable nozzle turbocharger

EGR layout Water cooled

Diesel Particulate Filter

Engine length mm 353.5




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PROPULSION SYSTEM

Webber Composite and Stainless Steel Jet with Control Bucket
and Changeable Impellers and Stators
Stainless Steel Impeller

YACHT FRIENDLY FEATURES

Stainless Steel Lifting eyes
Easy Flushing Connection for Heat Exchanger
Hinged Access to Heat Exchanger and Sea Water Pump
Hinged Access to Fuel and Oil Filter
Hinged Access to Engine Bay
Hinged Access to Transmission and Jet
Fuel Tank Drain Tap to allow cleaning
Awl Craft Repairable and Polishable Paint
High Output Alternator capable of powering VHF and GPS Locators
Towing Eye
USB Connector to ECU allows review of engine performance logs and diagnostics
Rotary Switch Power Selectable 80, 100 Hp MAX





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