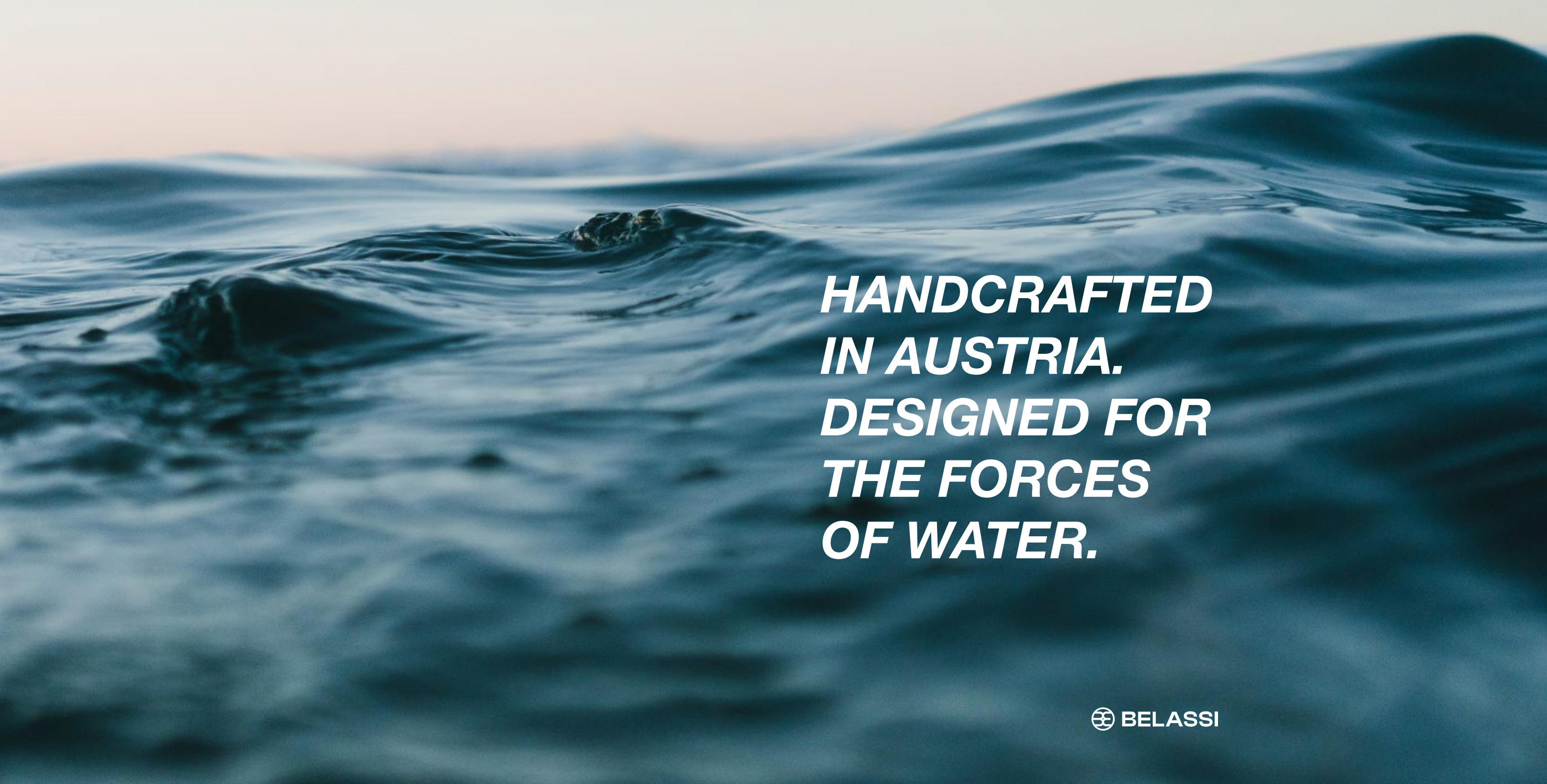


MARINE POWERTRAINS



***HANDCRAFTED
IN AUSTRIA.
DESIGNED FOR
THE FORCES
OF WATER.***

THE BELASSI MARINE POWERTRAINS

At the core of our product lies our engine crafted by Belassi in Austria, with a commitment to superior power, torque, and fuel efficiency, it ensures an unparalleled experience without compromise. In our low-volume production, we prioritize our customers through a specialized and a customer-centric approach.

Also what sets us apart further is the exclusive status of being the only Personal Watercraft (PWC) manufacturer in the world that produces a series turbo engine, providing a unique edge to enhance your product portfolio.

Belassi Marine Power Unit Turbo



Our Powertrains are developed to fit compact Jetboats, Pontoons, Tenders, Personal Watercrafts or Jet cars. They have been engineered to deliver superior power, torque, and fuel efficiency, guaranteeing an unforgettable experience without compromise.



1

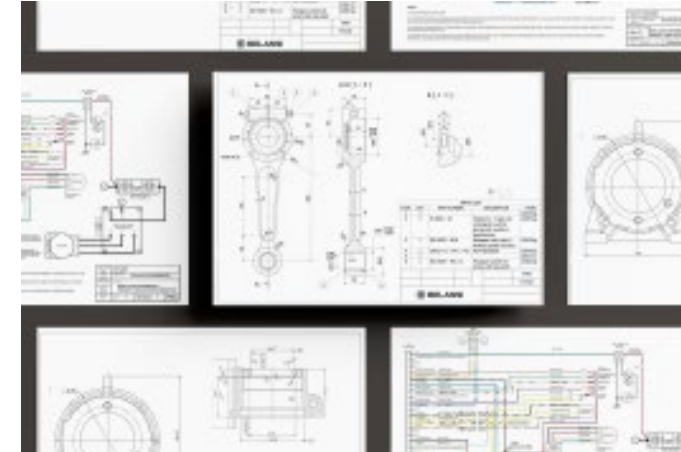
The best power to weight ratio

The engine, weighing 118 kg and producing up to 400 horsepower, boosts small boat performance.

2

Easy set up process

To simplify the whole process, the MPU can be connected to a battery, a fuel source and a water hose and then started up.



3

Full access to all technical knowledge

All technical information for coupling shafts, motor mounts and electronic communication protocols will be made available.

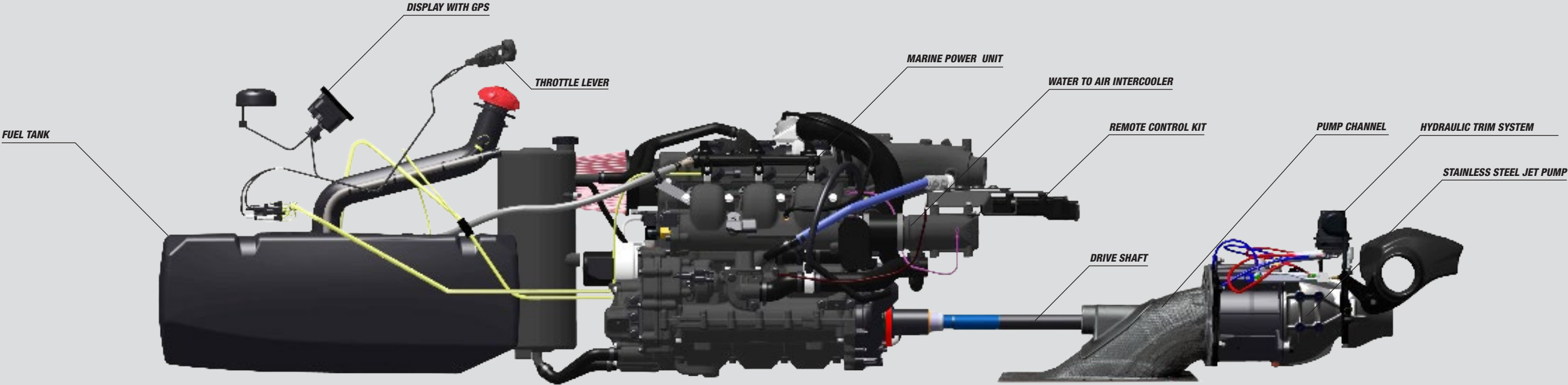
4

Customer-centric approach

We prioritize our customers through a customer-centric approach, offering flexibility with a minimum order quantity of just 1 piece.

THE POWERTRAIN

You have the chance to buy extra upgrades for your MPU Engine. This way, you not only get parts that are pre-tested and ready for use but also accelerate your development process. Obtaining the entire powertrain from a single supplier is simply much less hassle.



COMPACT SIZE PLUG & PLAY EASILY ADAPTABLE



With its small dimensions and weight of only **117 kg** - the engine can be mounted on **small boats** without affecting the performance



To simplify the whole process, the MPU can be connected to a battery, a fuel source and a water hose and then **started up**



All **technical information** for coupling shafts, motor mounts and electronic communication protocols will be made **available**



We prioritize our customers through a **customer-centric approach**, offering flexibility with a minimum order quantity of just **1 piece**



400_{hp} / **118_{kg}**
294 kW / *260 lbs*

World Leader
3,38 hp/kg

Turbocharged
the only in this class

Patent Pending
for exhaust manifold

Efficiency
the highest in class

Plug & Play solution
for multiple markets

Open Protocols
for technical information

What it's included in every MPU

For every Marine Power Unit are included the following components:

- Engine + Water to air intercooler
- Wire harness with complete E-architecture
- ECU
- Starter relay
- Start stop / mode keypad
- 5" Touch Display with GPS
or 7" Touch Display *(at additional cost)*



From commercial to defense applications

The engine is a great solution for many applications where performance and easy set-up process is required, our engine can be use in both leisure and military applications. The full accessibility to its technical data, makes it a good fit for compact jet boats, tenders, surveillance drones, unmanned surface water vehicles.



MINI JETS



PWC / JET CARS



TENDERS



DEFENCE



JET BOATS

Our worldwide network

Belassi is proud to install a worldwide network of partners. These are specially appointed and are able to provide you with a personalized service for your needs.





BELASSI 260 / 330 TURBO

These two units are specifically designed to fit in compact waterjet Powered Boats, Tenders, Pontoons or Jet Cars. With a commitment to superior power, torque, and fuel efficiency, they ensure an unparalleled experience without compromise.

Power of 260 hp or 330 hp
Weight of 118 kg
Petrol 95 Octane



BELASSI 400 TURBO

The Belassi 400 Turbo is specifically designed to fit in compact Jetboats, Tenders, Pontoons, Jet Cars or Personal Watercraft that have one thing in mind. Full performance. This engine has an incredible high power output enabling a new chapter in speed and acceleration.

Power of 400 hp / 294 kW / 343 Nm
Weight of 118 kg
Petrol 98 Octane



TURBO MHI TD04

Produced by Mitsubishi Heavy Industries Engine & Turbocharger (MHIET) based in Japan and supplied by Tachyon Motorsport.

Installed on [Belassi 260 Turbo](#)



TURBO G25-550

This product caters to racing fans by delivering high power in a compact form, using advanced designs and materials for enhanced performance.

Installed on [Belassi 330 Turbo](#) [Belassi 400 Turbo](#)

BELASSI JET PUMP 160/14

Engineered for peak performance and durability, the Belassi Jet Pump is the ideal propulsion solution for engines up to 300 kW / 400 hp. Designed for both combustion and electric powertrains, this all-around system integrates a jet pump with a brake/reverse flap, ensuring superior handling and control. Constructed from high-quality stainless steel, it delivers exceptional strength and resistance under mechanical stress. Featuring three independent cooling supplies and the option to add a redundant steering cable, the Jet Pump 160 guarantees reliability and robust performance in the most demanding conditions.

Max input Power	300 kW / 400 hp
Max RPM	8200
Jet Type	Axial flow with 14 vane
Diameter	from 161 to 165 mm
Hub/Cone Diameter	83 mm
Impeller Pitch	14/23 - 3 blades
Jet Pump Weight	21 kg / 46,3 lbs
Reverse / Trim Weight	4,5 kg / 9,9 lbs
Material Jet Pump	Stainless Steel
Material Reverse / Trim	Carbon fiber



INTAKE SYSTEM

Belassi delivers more than just an engine. We provide a complete marine powertrain solution, supporting customers with tailored integration to ensure optimal performance, efficient installation, and reliable operation for each vessel.

Components

- Pump channel
- Adapter plate
- Drive shaft
- Intake grate
- Riding plate
- Steering Cables
- Fuel Tank and Pump
- Boat lever
- Alternator
- Remote Interface Kit



Touchscreen Display

With its slim-line profile housing a high resolution projected capacitive touch (PCAP) customizable color screen delivering modern tablet like aesthetics.



Available Add-ons

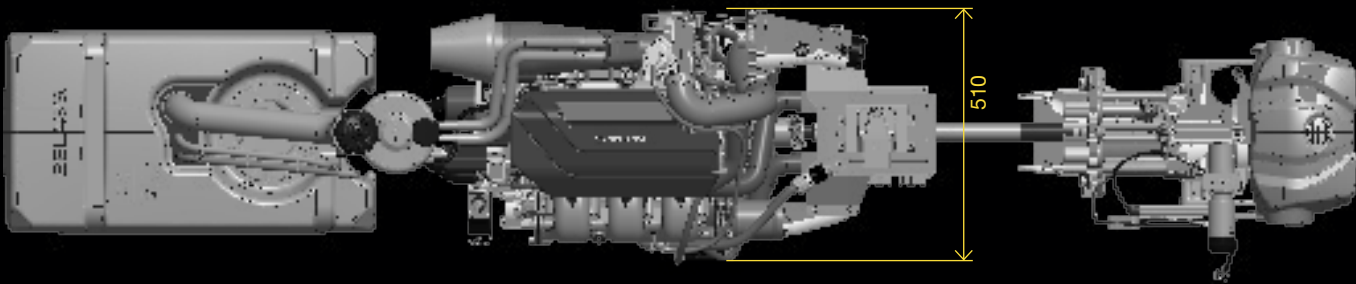
Additionally, there will be a variety of options available to add on, including:

- Jet pump with drive shaft
- Additional alternator for second battery
- Handlebar mounted throttle lever
- Hydraulic brake / reverse and trim system
- 7” touch screen color display
- Mode Keypad
- Fuel system

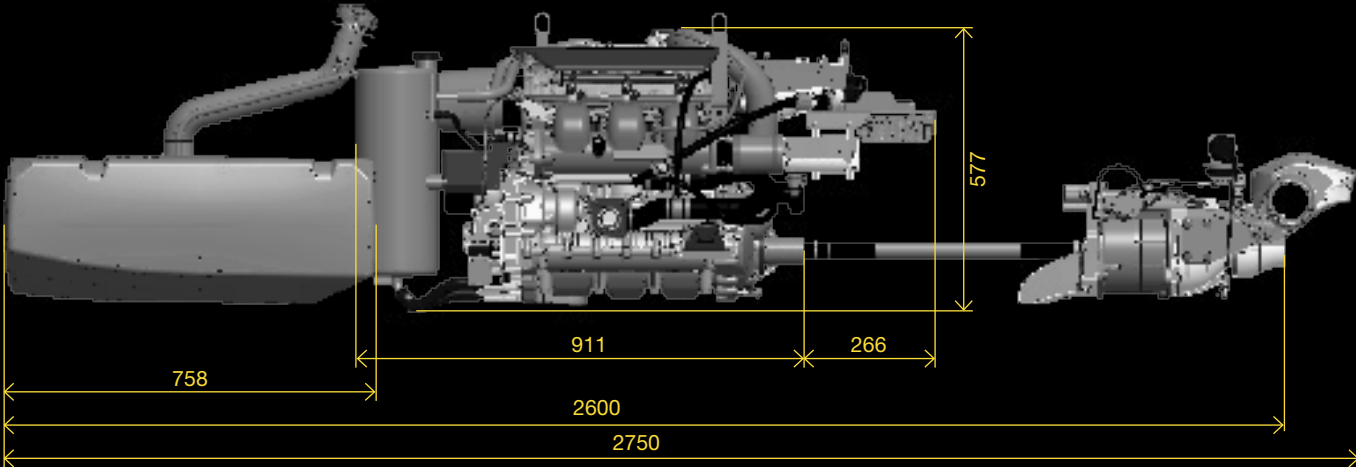
BELASSI 260 TURBO

Top view

all measurements in mm



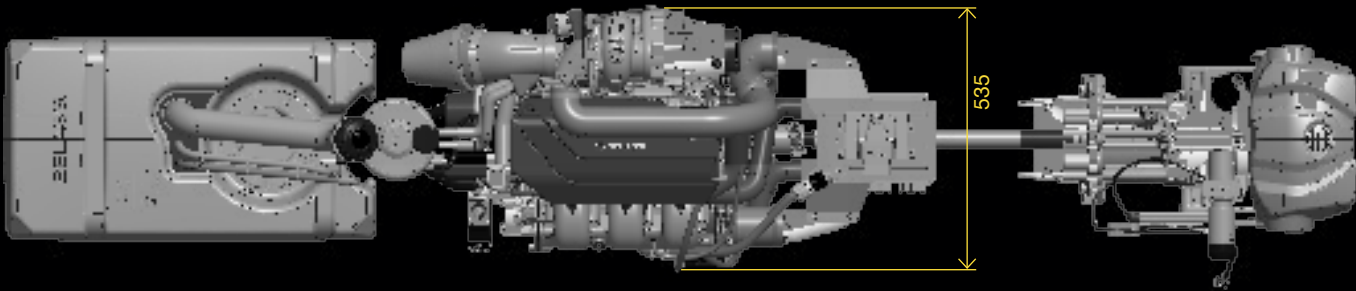
Side view



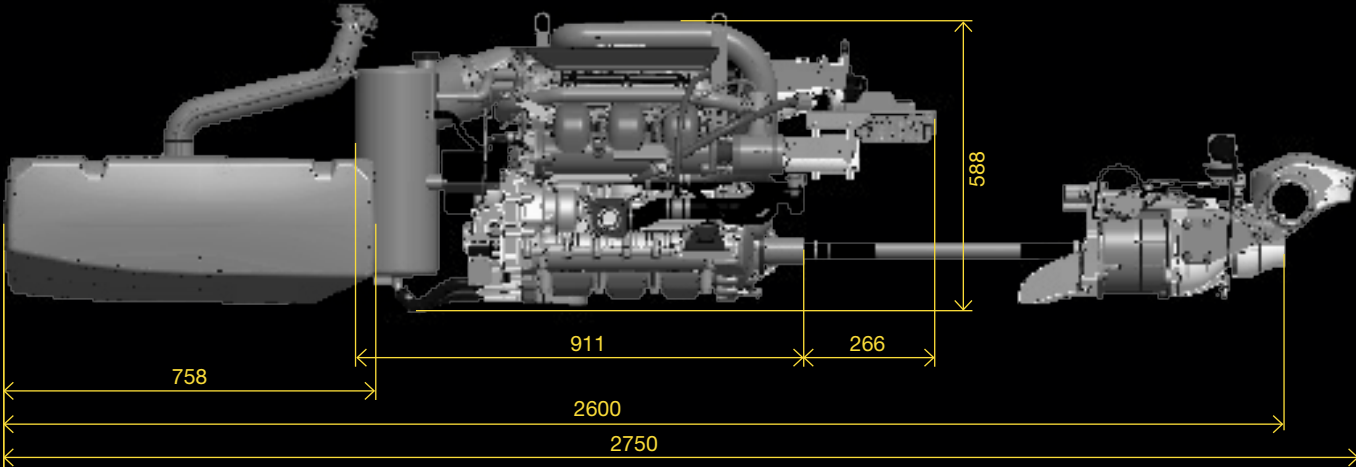
BELASSI 330 / 400 TURBO

Top view

all measurements in mm



Side view

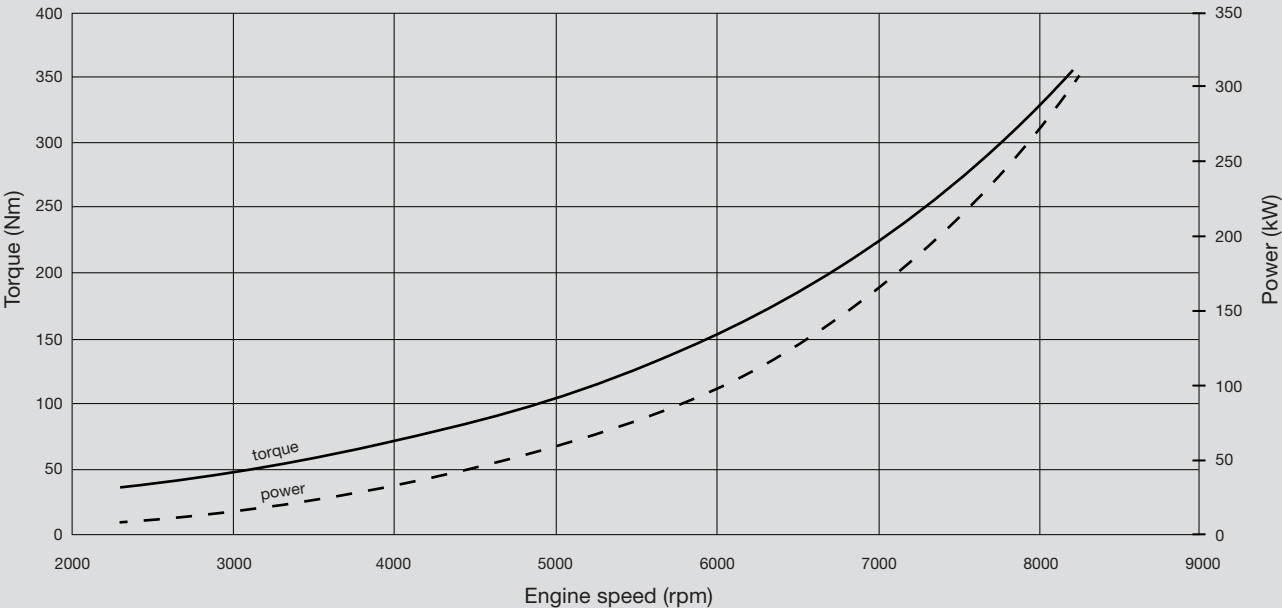


Engine type	Marine 3 cylinder -4 stroke
Displacement	1602 cc
Length x Width x Height	100 x 54 x 59 cm / 39.3 x 21.2 x 23.2 inch
Bore x stroke	100 x 68 mm / 3.9 x 2.7 inch
Intake system	Turbocharged with water-cooled intercooler
Turbocharger	Pressure control via electromagnetic wastegate valve
Exhaust system	Water cooled with water injection
Valve train	DOHC - 12 V
Compression ratio	9.1:1
Lubrication system	Full dry sump 6-stage gear pump
Cooling system	Open loop cooling
Valve cover	Made of aluminium
General information	Cylinder liners: NSC coated, forged crankshaft, conrod and piston for high engine performance with low pressure casting

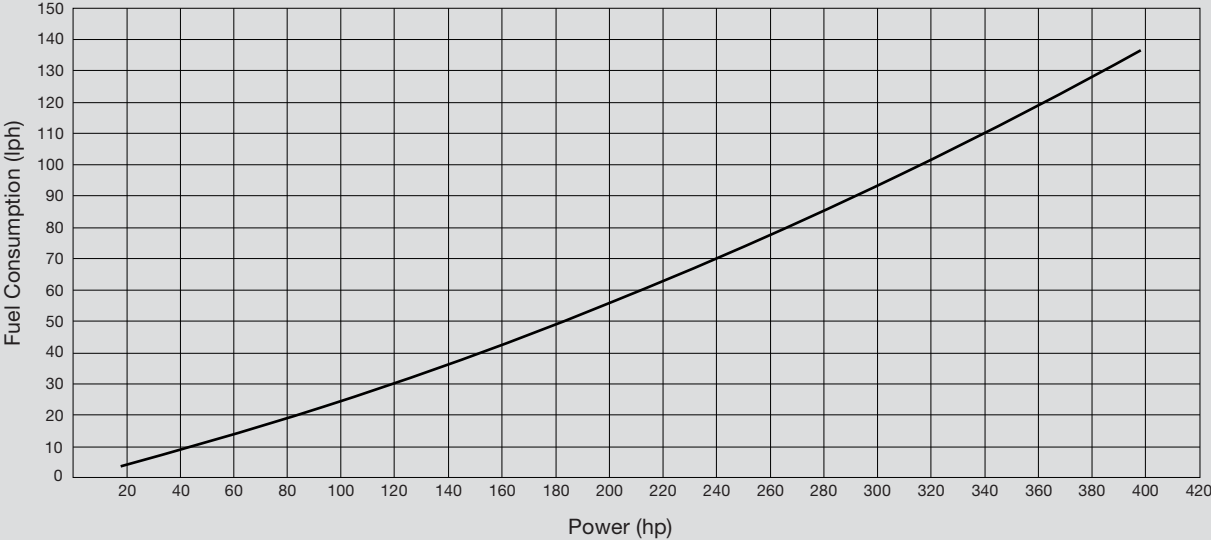
PACKAGES OVERVIEW

	Belassi 260 Turbo	Belassi 330 Turbo	Belassi 400 Turbo
Peak Power hp	260	330	400
Weight	117 kg / 258 lbs	118 kg / 260 lbs	118 kg / 260 lbs
Max RPM	7600	7800	8200
Fuel Requirement RON	95	95	98/100
Application	Compact Jet Boats / Tenders / Jet Cars / Personal Watercrafts The maximum hull length and displacement must be clarified with Belassi		

POWER / IMPELLER CURVE



FUEL CONSUMPTION (LPH) VS ENGINE POWER (HP)



GET IN TOUCH

We will help you with any questions
or requests and wishes, contact us.
office@belassi.com | +43 732 249 251

The information and illustrations in this brochure reflect the state-of-the-art technology when it went to press. The products shown are preproduction models; production models may vary slightly. Depending on the version, the illustrated features are either standard or optional. In our efforts to constantly improve the quality of our products, Belassi reserves the right to change technical details, optional and standard features, and colors at any time.

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