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HOW THINKING SMALL MADE HONDA
THE WORLD’S LARGEST ENGINE
MANUFACTURER

It’s often the tiny details that make a great thing great. The attention to detail, the endless little improvements, the minuscule changes that add that extra percent. Honda have never forgotten that just because you’re big doesn’t mean you should rest on your laurels. Honda now produces over 20 million products every year. It has 440 subsidiaries and affiliates and 120 manufacturing facilities in 29 countries. And it is by maintaining this global viewpoint that we

can continue to create products of the highest quality, that are affordable and available to all and that reduce our impact on the environment.

A STROKE OF GENIUS

In 1964 everyone was producing two-stroke marine engines. Except Honda. We chose to make only four-stroke outboard engines. They were more reliable and they were cleaner. Soichiro Honda said “Because the water raises rice and the fishes live in the water, I don’t want to contaminate it...I don’t care if everyone else is making two-strokes – Honda has to make four-strokes”. And this ethos applies today.

Don’t follow convention, reinvent convention. When it came to conquering the water with technically advanced engines, it paid to swim against the tide of current thinking.

We have been relentless in applying this thinking to our marine engines. There have been challenges along the way, but that’s the only way you learn to stay ahead and the rest of the industry follows. Choose Honda to power your boat and you get reliability, performance and world-class technology.

THE POWER OF
DREAMS

SOICHIRO HONDA ONCE SAID ‘WE ONLY HAVE ONE FUTURE AND IT WILL BE MADE OF OUR DREAMS, IF WE HAVE THE COURAGE TO CHALLENGE CONVENTION’. SINCE 1948, WHEN THE HONDA MOTOR CORPORATION WAS FORMED WE HAVE LIVED BY THIS PHILOSOPHY. ALWAYS CHALLENGING THE STATUS QUO, ALWAYS ASKING QUESTIONS, ALWAYS LEARNING. ENDEAVOURING TO MAKE THE IMPOSSIBLE POSSIBLE. AND BIG DREAMS PRODUCED A MASSIVE FUTURE. TODAY, HONDA PRODUCES INNOVATIVE AND RELIABLE PRODUCTS FOR ALMOST EVERY APPLICATION – FROM LAWNMOWERS TO CORPORATE JETS. WITH EVERY PRODUCT DESIGNED TO MAKE LIFE MORE JOYFUL FOR YOU AND LESS IMPACTFUL TO THE PLANET. WHERE WILL OUR DREAMS TAKE US NEXT?

WORLD-LEADING TECHNOLOGY,
WORLD CLASS COMMITMENT

“Success is 99% failure”. Soichiro Honda’s most famous quote is ingrained in what we do. In developing our technology for cars to motorcycles to outboard engines, we have never been ok with just ok. To make real advances there will always be setbacks. There will always be technical issues to overcome. It is hard, it is tiring, but ultimately it is a joy. It’s a joy to be able to create a product that is engineered to be the leader in its field. Solving challenges is a joy when you’ve created

something that didn’t exist before, or it did and it’s been made better.

When you purchase a Honda product you purchase something far more than the sum of its parts. That’s because each Honda product is designed and engineered to be the best it can possibly be. But we also never forget technology is a means, not a goal. It’s there to serve the people. It’s why all Honda products are built to be the benchmarks for performance, reliability and economy. And then tomorrow, we’ll try to beat them again.

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WARRANTY (PEACE OF MIND)

HONDA PROVIDES A WARRANTY WHICH DOES NOT WEAKEN OR DETERIORATE WITH AGE. EVERY HONDA MARINE CUSTOMER IS SUPPORTED BY AN INDUSTRY LEADING 6 YEAR DOMESTIC OR 2 YEAR COMMERCIAL WARRANTY.* THE HONDA WARRANTY MAINTAINS THE SAME VALUE THROUGHOUT ITS LIFETIME, ENSURING THE LAST DAY OF COVER IS EXACTLY THE SAME AS THE FIRST; PEACE OF MIND FOR ALL HONDA POWERED BOAT PACKAGES.



*subject to following the service schedule

HONDA : THE PIONEER OF FOUR-STROKE OUTBOARD TECHNOLOGY

VTEC™ – VARIABLE VALVE TIMING AND LIFT ELECTRONIC CONTROL



Developed for Honda's high-performance sports cars, VTEC™ varies the lift and duration of the intake valves to provide optimum performance both at low rpm and at high rpm. Available on several high-horsepower Honda outboards, VTEC™ delivers at low speeds, smooth stable idling, while increased valve lift at higher speeds broadens the torque curve and top end power.

BLAST™ – BOOSTED LOW SPEED TORQUE



Honda's revolutionary Boosted Low Speed Torque (BLAST™) air/fuel ratio and ignition-timing technology utilises MBT – Minimum advance for Best Torque – trace control. By linking the ignition timing control of the engine to the air/fuel ratio, it sets the optimum timing via computer control. BLAST™ traces the air/fuel ratio that results in the maximum torque for each engine revolution, while simultaneously tracing the maximum knock limit ignition timing that can be obtained using a rich air/fuel ratio in the full throttle zone, and advances the ignition timing to the limit, in order to produce greater torque. This boost in horsepower and torque at low rpm contributes to strong hole shot performance to get the hull up on plane quickly.

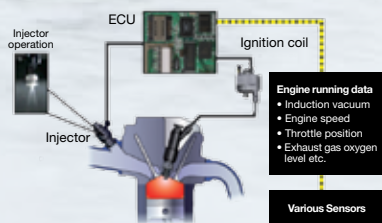
ECOMO – ECONOMY CONTROLLED MOTOR



Along with Honda's Programmed Fuel Injection (PGM-FI) all Honda outboards 40HP and upwards, incorporate lean burn control technology, which allows combustion to operate on a leaner air/fuel ratio than stoichiometric air/fuel. An O₂ (oxygen) or LAF (linear air fuel) sensor precisely measures the air/fuel mixture for the best fuel economy at cruise setting. The mode in which lean burn control is used during cruising to achieve higher fuel economy is referred to as ECOmo (Economy Controlled Motor).

PGM-FI

Honda's exclusive Programmed Fuel Injection is controlled by a highly advanced ECU (Engine Control Unit) and various engine sensors, which precisely control the supply of fuel to the engine. This results in easy starting, instantaneous throttle response and superior fuel economy for boat users.



NMEA2000 COMPLIANCE



Compliance with NMEA2000 connectivity protocols, permits engine management data to be interfaced with other onboard electronic display equipment, to include Fishfinder, Chartplotter and sonar devices. Interfacing is made possible via an onboard CANbus network which can be easily expanded to include other marine electronic devices.

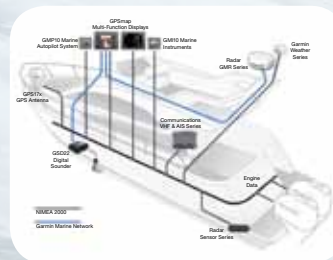


Image supplied by Garmin

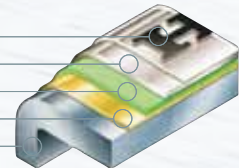
HONDA'S EXCLUSIVE CORROSION PROTECTION



There's much more than just classy cosmetic appearance behind Honda's attention-grabbing metallic silver finish. Every Honda engine undergoes a vigorous four-stage coating process for protection against harsh conditions such as ultraviolet rays and extensive saltwater exposure. First, the double-sealed anodising treatment is applied to the aluminium alloy base, followed by the epoxy primer undercoat,

the acrylic silver paint and, finally, the acrylic resin topcoat. With Honda, complete durability means innovation at every level.

ACRYLIC RESIN CLEAR OVERCOAT
ACRYLIC RESIN METALLIC COATING
EPOXY PRIMER UNDERCOAT
DOUBLE SEALED TREATMENT
HONDA ALUMINIUM ALLOY

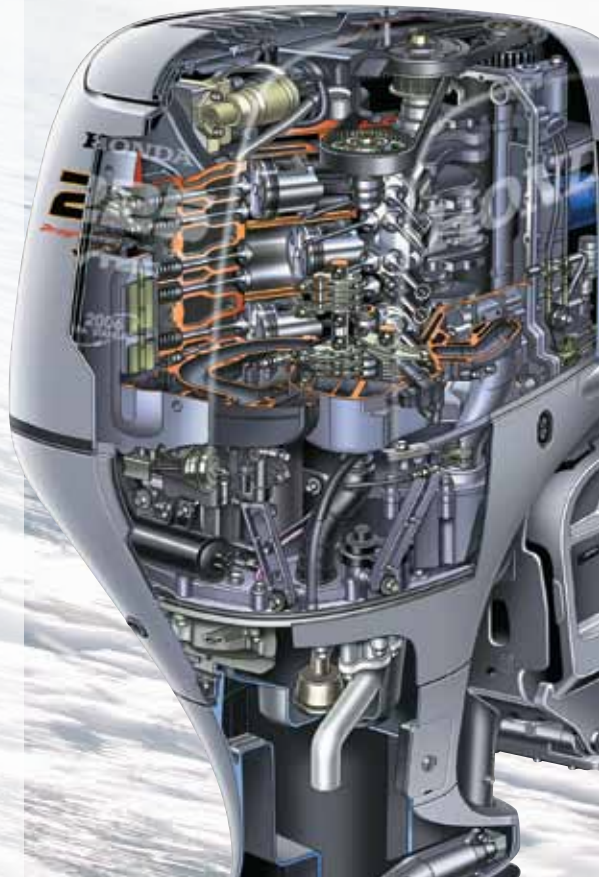


ENGINE PROTECTION AND SECURITY

Honda Outboards come with a complete range of security features including a unique and innovative Engine Alert system which monitors critical engine functions (overheat, low oil pressure, fuel injection and charging) that alert the boat user before engine damage can occur. If a fault is detected, the operator is informed of this via activation of Honda's unique 4 alert light panel & audible buzzer.

With neutral gear/start in gear protection combined with an emergency stop switch that attaches to the operator, Honda increases confidence in all on water situations.

MODELS	OIL WARNING	OVER HEAT	PGM-FI	ACG
BF5	•			
BF8 - BF30	•	•		
BF40 - BF250	•	•	•	•



1964	1967	1971	1987	1990	1993	1997	1998	1999	2000	2001	2002	2003	2005	2007	2008	2009	2010	2012
THE FUTURE IS IN FOUR-STROKE	GB25	B45 & B75	BF8, BF9.9 & BF15	BF35 & BF45	BF25	BF75 & BF90	BF115 & BF130	BF2	BF8 & BF10	BF200 & BF225	BF15 & BF20	BF2.3, BF135 & BF150	BF175, BF200 & BF225	BF75 & BF90	BF40 & BF50	BF60 & BFP60	BF115, BF135, BF150, BF175, BF200 & BF225	BF250
<ul style="list-style-type: none">Honda releases its first four-stroke outboard, the 4hp GB30.Honda is already convinced that four-stroke outboard engine technology is the technology of the future.	<ul style="list-style-type: none">59cc 2.5hp four-stroke outboard engine.	<ul style="list-style-type: none">126cc 4.5hp & 149cc 7.5hp water cooled four-stroke outboard engines.	<ul style="list-style-type: none">197cc 8hp, 280cc 9.9hp & 15hp water cooled four-stroke outboard engines.	<ul style="list-style-type: none">808cc 35hp & 45hp water cooled four-stroke outboard engines.	<ul style="list-style-type: none">499cc 25hp water cooled four-stroke outboard engine.	<ul style="list-style-type: none">First outboard manufacturer to achieve total production of 500,000 four-stroke outboards from Honda's Hosoe factory plant in Japan.	<ul style="list-style-type: none">First outboard company to manufacture a four-stroke outboard over 100hp.	<ul style="list-style-type: none">57cc 2hp four-stroke outboard engine.	<ul style="list-style-type: none">222cc 8hp & 10hp water cooled four-stroke outboard engines.Models compliant with strict CARB 2008 ultra low emission regulations.	<ul style="list-style-type: none">3471cc, 200hp & 225hp water cooled four-stroke outboard engines.Models compliant with strict CARB 2008 ultra low emission regulations and feature technologies such as VTEC™, Dual Stage Induction.	<ul style="list-style-type: none">350cc 15hp & 20hp water cooled four-stroke outboard engines.Models compliant with strict CARB 2008 ultra low emission regulations.	<ul style="list-style-type: none">57cc 2.3 bhp four stroke air cooled outboard with centrifugal clutch.2354cc 135hp & 150hp water cooled four-stroke outboard engines.Models compliant with strict CARB 2008 ultra low emission regulations and feature technologies such as VTEC™, Dual Stage Induction, three-way cooling & lean burn control.	<ul style="list-style-type: none">Featuring a narrow 60° V profile, large displacement 3.5L V6, SOHC engine.Re-designed with an advanced Electronic Command Module (ECM), featuring an air feedback sensor and Honda's industry exclusive lean burn control system, reducing fuel consumption by 5%.	<ul style="list-style-type: none">The lightest weight engines ever produced in their class.Unparalleled power to weight ratio.Feature technologies such as BLAST™, VTEC™, ECOmo.	<ul style="list-style-type: none">22% greater fuel efficiency than previous models.Class-leading lightweight package with ultra quiet operation.Technologies such as BLAST™ and PGM-FI (Programmed Fuel Injection).	<ul style="list-style-type: none">Honda's much-anticipated, brand new BF60 & BFP60.Combines exclusive Honda technologies in a lightest-weight-in-class package that delivers best-in-class performance.BFP60 Power Thrust gear case is configured to optimise performance on heavier craft.NMEA2000 compliant.	<ul style="list-style-type: none">Completely new BF115, incorporating BLAST™ and ECOmo.Reworked and refined BF135, BF150, BF175, BF200 and BF225 are released to deliver more torque, even greater fuel efficiency, incorporate NMEA2000 compliancy and other advantages such as BLAST™ and ECOmo.	<ul style="list-style-type: none">3583cc, 250hp water cooled four-stroke outboard engine.

COMMITMENT TO THE ENVIRONMENT

RESPECT FOR THE ENVIRONMENT HAS ALWAYS BEEN AN IMPORTANT PART OF THE HONDA PHILOSOPHY WHEN DESIGNING NEW PRODUCTS FOR THE WORLD-WIDE MARKET. FOR OVER 40 YEARS, HONDA HAS BEEN DEVOTED TO PROVIDING MARINE ADVENTURERS WITH THE TOOLS TO HELP PROTECT THE ENVIRONMENT.

ULTRA-LOW EMISSIONS

Honda has demonstrated that ultra-low emission levels are not only possible, but such a commitment is the right thing to do to protect the environment – now and for the future.

Further, every Honda four-stroke marine engine is engineered to unique standards that set the benchmark for both ultra-low emissions and whisper quiet operation.

HONDA WORLD ENVIRONMENTAL STATEMENT

As a responsible member of society whose task lies in the preservation of the global environment, the company will make every effort to contribute to human health and the preservation of the global environment in each phase of its corporate activity. Only in this way will we be able to promote a successful future not only for our company, but for the entire world.



BLUE SKIES FOR
OUR CHILDREN

BF250

NEW LANDMARK FOR PERFORMANCE AND CONSUMPTION

WITH A UNIQUE SYNERGY OF AUTOMOTIVE AND MARINE ENGINE TECHNOLOGIES, THE BF250 IS THE EMBODIMENT OF HONDA'S PASSION FOR ENGINEERING AND TECHNICAL EXCELLENCE, MAKING IT TRULY WORTHY OF FLAGSHIP MODEL STATUS. WITH A STRIKING NEW HOOD DESIGN INCORPORATING A UNIQUE POWER INTAKE AIR SYSTEM AND A NEW 3.6L V6 POWER PLANT, THE BF250 IS READY TO PROVIDE THE ULTIMATE ON WATER EXPERIENCE.

DESIGN WITH POWER

With its V6 3.6L VTEC™ driven power plant, the BF250 is prepared to set new standards in the 250Hp category with class leading top end performance with superior levels of fuel efficiency. A striking new hood design incorporates a unique Power Intake Air System, seen for the first time in the outboard industry.

The new Power Intake Air System, in combination with Honda's established BLAST™ & ECOMo technologies, creates a motor with a unique blend of power and economy.

The BF250 features an all new high performance gear case styling which provides enhanced levels of underwater hydrodynamic efficiency. This combined with a new gear reduction ratio (2:1) and a large range of propellers (up to 16" diameter) provide high levels of all round performance.

Shifting effort is made smoother by the introduction of a new Shift Load Reduction control system. Based on the boat user's operating characteristics, the ECU (Engine Control Unit) will modify the ignition timing, resulting in modified engine torque to lessen the shift load required.

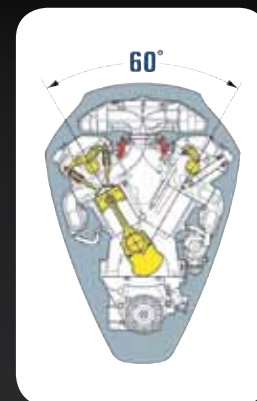
A class leading battery charging system enables the BF250 to deal with the increasing customer demand for additional on board electrical power. During idle speed, a new Automatic Idle Charge system automatically adjusts engine speed via the ECU to raise the charging rate when an increased electrical load is detected.

The BF250 is NMEA2000 compliant. This compliance enables simplified connectivity to all other NMEA2000 devices on board, such as chart-plotters and fish-finders.

ADVANCED TECHNOLOGY & SPECIAL FEATURES

NEW LARGE DISPLACEMENT V6

A new 60°, V6, 3.6L powerful, compact, 24-valve SOHC design, ensures superior performance, reliability and durability based on Honda's historical engineering excellence. This narrow engine concept allows for simplified installation, particularly in multiple engine installation packages.



RACING TECHNOLOGY VTEC™

VTEC™ delivers more power, torque and efficiency at every speed. At 4500rpm, VTEC™ engages a special high lift cam profile to provide more air (through increased valve opening) into the combustion chamber, resulting in more engine power. In conjunction with VTEC™ to further enhance engine performance, VAIS (Variable Air Intake system) works to produce a longer, flatter torque profile; the ultimate in fine-tuned performance.

NEW POWER INTAKE AIR SYSTEM

This new dynamic design feature on the BF250 allows external air to be drawn directly into the engine, preventing increased air temperature associated with some conventional air intake systems. This subsequently develops more engine power.



NEW GEAR CASE

The all new gear case profile on the BF250 greatly enhances the hydrodynamics of the engine, increasing underwater efficiency resulting in less under water drag.

A revised gear ratio of 2:1 has also been introduced. This ratio allows the propeller and engine combination to provide powerful thrust and propeller grip.

These two features combined with a new large range of propellers (up to 16" diameter) provide high levels of all round performance.

NEW SHIFT LOAD CONTROL

The BF250 features an all new Shift Load control system which reduces operator gear shift effort, providing smoother gear changing, a first on Honda outboards.

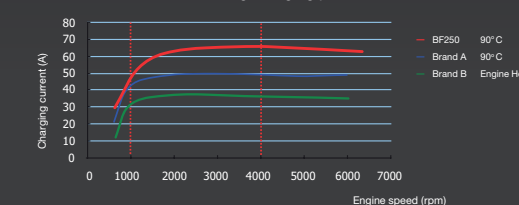
When shifting from forward, reverse and neutral the ECU will analyse the engine speed and throttle position and in turn changes the ignition timing, modifying engine torque.

NEW AUTOMATIC IDLE CHARGE

The BF250 is equipped with a new Automatic Idle Charge system that enables the engine to meet increasing demands to support the on board electronic equipment.

At idle speed, if the electrical demand increases, the ECU detects this and increases the engine rpm and results in the alternator producing a higher output.

BF250 achieves class leading charging performance



BOOSTED LOW SPEED TORQUE (BLAST™)



Honda's BLAST™ technology is where ignition timing is advanced in such a manner that it develops more horsepower at low rpm enabling the hull to get on the plane quicker.

Hole shot and acceleration is significantly improved by ignition advance for best torque (MBT) trace control.

This patented technology pioneers a new age in four-stroke outboard engines and will be the benchmark for future Honda engine designs.

LEAN BURN CONTROL



Inclusion of lean burn control offers further improved fuel consumption in cruising mode versus comparable 4 strokes and reduced running costs for boat users.

NMEA2000 COMPLIANT



NMEA2000 compliancy allows the engine to communicate with onboard marine electronics to deliver a wide range of information to head-unit displays. When networked with a Garmin or Lowrance NMEA2000 device, for example, engine data such as speed, rpm, temperature, fuel usage and other data can be displayed on the unit's screen.

BF175/200/225

ABSOLUTE POWER

HONDA'S BF175, BF200 AND BF225, WITH POWERFUL LARGE-DISPLACEMENT 3.5L V6 ENGINES, PROVIDE BOATERS WITH THE MOST TECHNOLOGICALLY ADVANCED OUTBOARD POWER AVAILABLE. BASED ON THE PROVEN TECHNOLOGY FOUND IN HONDA'S AUTOMOTIVE ENGINES AND INCORPORATING EXCLUSIVE MARINE TECHNOLOGIES, THESE REVOLUTIONARY, HIGH PERFORMANCE OUTBOARDS DELIVER SUPERIOR TORQUE, TOP-END SPEED AND OVERALL WORLD-CLASS RELIABILITY AND DURABILITY IN A NARROW, BALANCED 60° 'V' PROFILE POWERPLANT.

MAXIMUM POWER

Packed with power, the BF175, BF200 and BF225 incorporate Honda's revolutionary Boosted Low Speed Torque (BLAST™) air/fuel ratio and ignition-timing technology, and lean burn control to deliver powerful acceleration together with outstanding fuel economy during cruising. A high-performance gear case further contributes to the V6 engine series' impressive acceleration and top-end speed. The BF225 is also equipped with Variable Valve Timing and Lift Electronic Control (VTEC™) – the same system Honda uses in its racing technology, sports cars and other motor vehicles. VTEC™ ensures smooth, stable idling, while the increased valve lift at high rpm broadens the torque curve and provides incredible top-end power. All three engines are NMEA2000 compliant which allows the motors to be interfaced with on board CANbus networks. This allows engine management data to be displayed on existing NMEA2000 compatible multi function electronic equipment such as Chartplotters and Fishfinders.

MINIMUM CONSUMPTION

Honda's exclusive Programmed Fuel Injection (PGM-FI) and lean burn control systems, optimise the air/fuel mixture to ensure maximum performance out of every drop.

ULTIMATE COMFORT

Honda's Variable Air Intake system controls the volume and velocity of air in the combustion chamber, making cruising as smooth as it is enjoyable. The use of linear rubber mounts, combined with innovative design features that see the flywheel positioned below the powerhead, ensures vibration levels are extremely low.

ADVANCED TECHNOLOGY & SPECIAL FEATURES

LARGE DISPLACEMENT V6

60° V6 3.5L. A powerful, compact, 24-valve SOHC design. Lacking the bulk and weight of long intake runners and multi-camshafts, the narrow V6 design ensures superior performance and durability based on Honda's automotive engineering excellence.



RACING TECHNOLOGY



VTEC™ delivers more power, torque and efficiency at every speed.

At 4500rpm, a special high-lift cam engages to provide more air (increased valve opening) into the combustion chamber to produce more power.

VTEC™ and Dual Stage Induction work to produce a longer, flatter torque profile: the ultimate in fine-tuned performance. [VTEC™: BF225 only]

BOOSTED LOW SPEED TORQUE (BLAST™)



Hole shot and acceleration is significantly improved by MBT trace control (ignition timing). MBT – Minimum advance for Best Torque.

Advanced ignition timing develops more horsepower at low rpm to get the hull up on the plane quicker. Super-strong acceleration with rapid advancement of the throttle.

This patented technology pioneers a new age in four-stroke outboard engines and will be the benchmark for future Honda engine designs.

LEAN BURN CONTROL

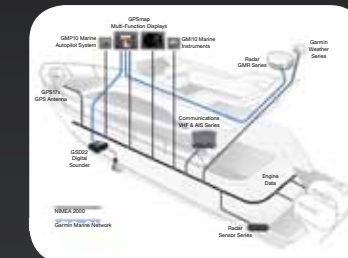


Inclusion of lean burn control offers further improved consumption in cruising mode versus comparable 4 strokes and reduced running costs for boat users.

NMEA2000 COMPLIANT



NMEA2000 compliancy allows the engine to communicate with onboard marine electronics to deliver a wide-range of information to head-unit displays. When networked with a Garmin or Lowrance NMEA2000 device, for example, engine data such as speed, rpm, temperature, fuel usage and other data can be displayed on the unit's screen.



FEATURES

- 'On Demand' 60amp, belt-driven alternator reduces heat build-up and provides superior battery charging capability – 48amp at trolling speed.
- 4-Front Corrosion Protection. A patented, 'double-sealed' multi-layered paint process. Sacrificial anodes and stainless steel technology, along with waterproof connectors, all enhance corrosion protection.



BF175/200/225

BF115/135/150

TECHNOLOGY THAT DELIVERS

HONDA'S BF115, BF135 AND BF150 DELIVER WORLD-RENOWNED QUALITY AND RELIABILITY THROUGH ADVANCED ENGINEERING. ACHIEVING UNPARALLELED LEVELS OF PERFORMANCE, THESE ENGINES SET THE STANDARD IN INNOVATION FEATURING ADVANCED INLINE FOUR-CYLINDER TECHNOLOGY, DRAWN FROM HONDA'S DECADES OF AUTOMOTIVE EXPERIENCE. THESE ENGINES FEATURE A RANGE OF HONDA-EXCLUSIVE TECHNOLOGIES THAT PLACE THEM IN A LEAGUE OF THEIR OWN.



CUTTING-EDGE ADVANTAGES

Honda's BF115, BF135 and BF150 deliver seamless performance and optimum power for a smooth and enjoyable boating experience. Using proven technology found in Honda's Automotive engines, the BF115, BF135 and BF150 have been manufactured with the world's most innovative, efficient and reliable technology. These outboards offer power-to-weight ratios, to rival two-stroke engines in the same class. Designed for use in all environments, these engines feature a unique set of Honda-exclusive technologies to provide increased power across the entire rpm range. Low fuel consumption, exceptional reliability and reduced periodical maintenance requirements all combine to minimise the overall cost of ownership.

MAXIMUM POWER

The BF150 features Variable Valve Timing and Lift Electronic Control (VTEC™) developed for Honda's high-performance sports cars. Introduced in the early 1990s, VTEC™ is the benchmark technology used on every Honda motor vehicle sold today. The system ensures smooth, stable idling, while increased valve lift at high rpm broadens the torque curve and provides incredible top-end power.

ADVANCED TECHNOLOGY & SPECIAL FEATURES

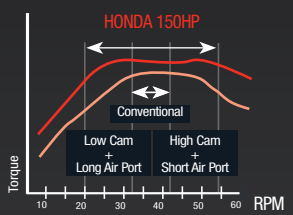
RACING TECHNOLOGY



VTEC™ delivers more power, torque and efficiency at every speed.

At 4500rpm, a special high-lift cam engages to provide more air into the combustion chamber to produce more power.

VTEC™ and Dual Stage Induction work to produce a longer, flatter torque profile: the ultimate in fine-tuned performance. [VTEC™: BF150 only]



BOOSTED LOW SPEED TORQUE (BLAST™)



Hole shot and acceleration is significantly improved by MBT trace control (ignition timing). MBT – Minimum advance for Best Torque.

Advanced ignition timing develops more horsepower at low rpm to get the hull up on the plane quicker. Super-strong acceleration with rapid advancement of the throttle.

This patented technology pioneers a new age in four-stroke outboard engines and will be the benchmark for future Honda engine designs.

LEAN BURN CONTROL



Inclusion of lean burn control offers significantly improved fuel consumption in cruising mode versus comparable 4 strokes and reduced running costs for boat users.

New models are even more fuel efficient than previous models.

Garmin GMI10 and GPS MAP devices all include Honda's unique Eco light. This is to indicate Lean Burn mode in operation.



NMEA2000 COMPLIANT



NMEA2000 compliance allows the engine to communicate with onboard marine electronics to deliver a wide range of information to head-unit displays. When networked with a Garmin or Lowrance NMEA2000 device, for example, engine data such as speed, rpm, temperature, fuel usage and other data can be displayed on the unit's screen.

FEATURES

- This trolling control feature allows adjustments in 50rpm increments between 650-900rpm.
- Three-Way Cooling. Three separate cooling circuits for more power with long-term durability.
- 4-Front Corrosion Protection. A patented, 'double-sealed' multi-layered paint process. Sacrificial anodes and stainless steel technology, along with waterproof connectors, all enhance corrosion protection.
- 'On Demand' 40amp, belt-driven alternator reduces heat build-up and provides superior battery charging capability – 30amp at 1000rpm and 40amp at 2000rpm.



BF75/90

POWERFUL PERFORMER

HONDA'S OUTSTANDING BF75 & BF90 OUTBOARD MOTORS TAKE INSPIRATION FROM HONDA'S NUMBER 1 AND AWARD WINNING AUTOMOBILE, THE JAZZ. WITH A RANGE OF EXCLUSIVE TECHNOLOGIES AND A POWER TO WEIGHT RATIO ON PAR WITH EQUIVALENT 2-STROKE MOTORS, BF75 AND BF90 TIP THE SCALES IN TERMS OF PERFORMANCE ON ALL LEVELS.



BF75/90

ADVANCED TECHNOLOGY & SPECIAL FEATURES

BEST IN CLASS

The BF75 and BF90's 1.5L, SOHC, 16-valve, inline four-cylinder engine is inspired by the same remarkable engine that powers Honda's number one selling motor vehicle, the 'Jazz'. With the exception of the cylinder sleeves, these engines feature an all-aluminium alloy block, resulting in a very lightweight and powerful package. The BF90 is also equipped with Variable Valve Timing and Lift Electronic Control (VTEC™) – the same system Honda uses in its motor vehicles. VTEC™ ensures smooth, stable idling, while increased valve lift at high rpm broadens the torque curve and provides incredible top-end power.

BLAST™ OFF

Exceptional hole shot performance is a combination of Honda's revolutionary Boosted Low Speed Torque (BLAST™) system, which advances ignition timing during acceleration, and an exclusive high-performance, hydrodynamic gear case design that features an enlarged bullet and a low 2.33:1 ratio. Multi-port Programmed Fuel Injection (PGM-FI), which delivers precise amounts of air/fuel to each of the four cylinders, also accurately controls ignition timing across the entire rpm range, providing optimum overall performance.

RACING TECHNOLOGY



VTEC™ delivers more power, torque and efficiency at every speed.

At 5200rpm, a high-lift cam engages to provide more air into the combustion chamber to produce more power.

VTEC™ works to produce a longer, flatter torque profile: the ultimate in fine-tuned performance. [VTEC™: BF90 only]

BOOSTED LOW SPEED TORQUE (BLAST™)



Hole shot and acceleration is improved by MBT trace control (ignition timing). MBT – Minimum advance for Best Torque.

Advanced ignition timing develops more horsepower at low rpm to get the hull up on the plane quicker. Super-strong acceleration from 0-50m.

This patented technology pioneers a new age in four-stroke outboard engines and will be the benchmark for future Honda engine designs.

LEAN BURN CONTROL



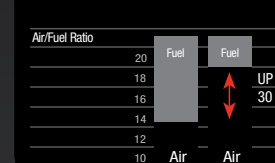
Adjusts the air/fuel mix according to speed and load to maximise efficiency.

Inclusion of lean burn control offers significantly improved fuel consumption in cruising mode versus comparable 4 strokes and reduced running costs for boat users.

IMPROVED HOLE SHOT



MORE POWER - GREATER FUEL ECONOMY



FEATURES

- Powerful 1.5L, SOHC, 16-valve, inline four-cylinder engine.
- 4-Front Corrosion Protection. A patented, 'double-sealed' multi-layered paint process. Sacrificial anodes and stainless steel technology, along with waterproof connectors, all enhance corrosion protection.
- Multi-function tiller handle control available for both engines.



BF60/BFP60

THE GREEN MACHINE

THE HONDA BF60 AND BFP60 OUTBOARD ENGINES EXPAND THE PREMIUM PRODUCT RANGE, COMBINING EXCLUSIVE HONDA TECHNOLOGIES IN A LIGHTWEIGHT PACKAGE.



POWERFUL AND LIGHTWEIGHT

Weighing 110kg (BFP60 119kg), the newly-designed, water-cooled, 998cm³ three-cylinder engine incorporates electronic fuel injection, Honda's revolutionary BLAST™ air/fuel ratio and ignition-timing technology and lean burn control (ECOMO) to deliver powerful start-up and acceleration together with outstanding fuel economy during cruising. A high-performance gear case further contributes to the BF60's impressive acceleration and top-end speed.

Equipped with powerful alternators, BF60 (17A) and BFP60 (22A) are also NMEA2000 compliant, which allows the engine to communicate with onboard electronics to deliver a wide-range of information to multi-function electronic equipment displays.

POWER THRUST

BFP60, a Power Thrust model uses a 75-90hp gear casing, larger diameter propeller and a 2.33 reduction ratio. The gear case has been configured to optimise BFP60 performance and low speed handling on heavier boat applications.



BF60



BFP60

FORWARD THINKING

Sporting a futuristic new look that reflects its superior performance, the BF60 is available in remote control (including a Power Thrust model) and tiller versions. Among its many features, the multi-function tiller handle incorporates a power trim-tilt switch which is conveniently located in the throttle grip, so the engine can be easily trimmed while underway allowing the operator to remain completely focused on the water.



ADVANCED TECHNOLOGY & SPECIAL FEATURES

BOOSTED LOW SPEED TORQUE (BLAST™)



Hole shot and acceleration is improved by MBT trace control (ignition timing). MBT – Minimum advance for Best Torque.

Advanced ignition timing develops more horsepower at low rpm to get the hull up on the plane quicker. Super-strong acceleration from 0-50m.

This patented technology pioneers a new age in four-stroke outboard engines and will be the benchmark for future Honda engine designs.

LEAN BURN CONTROL



Adjusts the air/fuel mix according to speed and load to maximise efficiency.

Inclusion of lean burn control offers significantly improved fuel consumption in cruising mode versus comparable 4 strokes and reduced running costs for boat users.

NMEA2000 COMPLIANT



NMEA2000 compliancy allows the engine to communicate with onboard marine electronics to deliver a wide-range of information to head-unit displays. When networked with a Garmin or Lowrance NMEA2000 device, engine data such as speed, rpm, temperature, fuel usage and other data can be displayed on the unit's screen.

TROLLING CONTROL

A low speed variable trolling control function is available for BF60 and BFP60. With this useful feature, the operator can make fine speed adjustments in increments of 50rpm (between 750rpm and 1000rpm) via a single switch operation.

Remote control types: Optional equipment

Tiller handle Type: Standard equipment



MULTI-FUNCTION TILLER HANDLE

The BF60's multi-function tiller handle incorporates a power trim-tilt switch in the throttle grip, so the operator can trim the engine while underway and remain completely focused on the water.

Other tiller handle functions including handle height adjustment, throttle friction adjustment and tool-less steering grip friction adjustment. The tiller handle also has a reversible shift lever, which can be mounted on the left or right side.

FEATURES

- A highly efficient hydrodynamic gear case reduces underwater drag and increases overall performance, speed and fuel economy.
- Powerful 17amp multi-pole AC generator (22amp on Power Thrust model).
- 4-Front Corrosion Protection. A patented, 'double-sealed' multi-layered paint process. Sacrificial anodes and stainless steel technology, along with waterproof connectors, all enhance corrosion protection.

BF40/50

ULTIMATE PERFORMANCE

SINCE THEIR INTRODUCTION AND CONTINUED EVOLUTION THE BF50 AND BF40 HAVE BECOME THE MOST TECHNOLOGICALLY ADVANCED, LIGHTWEIGHT FOUR STROKE OUTBOARD ENGINES IN THE HONDA RANGE.



COMPACT INNOVATION

The BF40 and BF50 outboard engines retain their class leading, lightweight and compact form. Both motors are now equipped with PGM-FI electronic fuel injection, Honda's unique Boosted Low Speed Torque (BLAST™) air/fuel ratio and ignition timing technology, Lean burn control (ECOMO) to deliver powerful start up and acceleration together with outstanding fuel economy during cruising.

WINNING DESIGN

Like Honda's larger outboard engines, the BF40 and BF50 feature a striking 'wing form' design, emphasising the design concept of slimness and strength.

LIGHTWEIGHT

A reduction gear is employed to achieve compact engine layout by offsetting the in-line three-cylinder engine forward, while a long-branch plastic inlet manifold and miniaturised electronic components further contribute to the class-topping lightweight, compact design.

OPERATIONAL PERFORMANCE AND RELIABILITY

The BF40 and BF50 engines employ BLAST™ (Boosted Low Speed Torque) air/fuel ratio and ignition-timing technology. An inbuilt computer selects the optimum ignition timing for the air/fuel ratio resulting in improved acceleration.

ADVANCED TECHNOLOGY & SPECIAL FEATURES

ULTIMATE PERFORMANCE

BLAST™, along with a newly designed gear case and other improvements, contributes to improved acceleration and a higher top speed.

Hole shot and acceleration is improved by MBT trace control (ignition timing). MBT – Minimum advance for Best Torque.

Advanced ignition timing develops more horsepower at low rpm to get the hull up on the plane quicker.

This patented technology pioneers a new age in four-stroke outboard engines and will be the benchmark for future Honda engine designs.



LEAN BURN CONTROL

Adjusts the air/fuel mix according to speed and load to maximise efficiency.

Inclusion of lean burn control offers significantly improved fuel consumption in cruising mode versus comparable 4 strokes and reduced running costs for boat users.



NMEA2000 COMPLIANT

NMEA2000 compliancy allows the engine to communicate with onboard marine electronics to deliver a wide-range of information to head-unit displays. When networked with a Garmin or Lowrance NMEA2000 device, for example, engine data such as speed, rpm, temperature, fuel usage and other data can be displayed on the unit's screen.



FEATURES

- A highly efficient hydrodynamic gear case reduces underwater drag and increases overall performance, speed and fuel economy.
- Lightest 50 horse power outboard engine.
- BF50/BF40 available in remote and tiller handle mode.
- Improved low end torque through long tube air intake system (Mikuni® intake system).
- Equipped with a 4 light (visual) and buzzer (audible) alert system for added owner security.
- 17amp battery charging capacity – at the top of its class for outboard engines with the same output.
- A removable plastic cap permits easy inspection of anode wear inside the engine, for significantly improved ease of maintenance.



Honda outboard at idle in neutral position.



Garmin/Honda Eco light illuminated indicating engine is now in Lean Burn mode.



BF30

THE QUIET ACHIEVER

HONDA'S BF30 IS EQUIPPED WITH A HOST OF INNOVATIVE FEATURES AND FUEL EFFICIENCY THAT WILL PAY FOR ITSELF. WITH AMPLE POWER AND EXCEPTIONAL TORQUE THROUGH THE MID RANGE, BOATING HAS NEVER BEEN EASIER.



VERSATILITY AND POWER

The BF30 is a compact and lightweight powerplant that combines Honda's world-renowned reliability with instant throttle response and extraordinarily smooth, stable and quiet operation. This engine incorporates a number of user-friendly features that enable maximum on-water enjoyment, whether trolling in the shallows or motoring across open water.

A BREATH OF FRESH AIR

As four-stroke engines run on unleaded petrol, there's no need to mix oil and petrol. As a result, even at idle there's no need to worry about unpleasant fumes that are common to two-stroke engines.

CRUISE WITH CONFIDENCE

This model integrates a number of innovative features including: Auto Start Enrichment; a Centre Mount Tiller; Programmed Ignition (PGM-IG); non-linear mounting; Engine Alert System and Power Trim and Tilt. With such functional and reliable features, boating has never been easier. The BF30 is available in both remote control and tiller steer configurations for use in a wide range of boating applications.



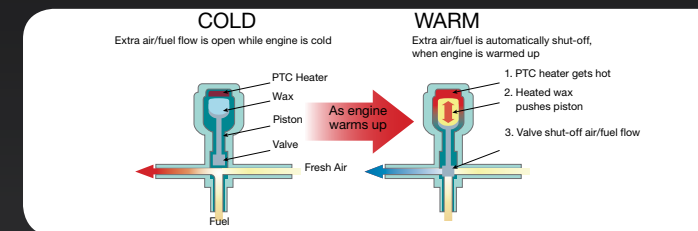
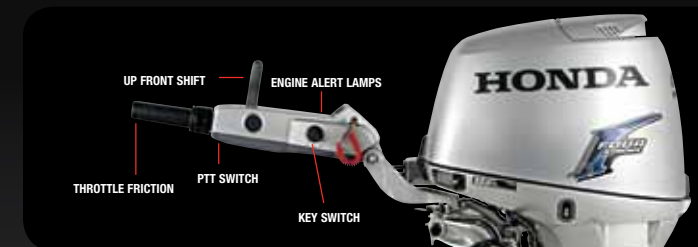
ADVANCED TECHNOLOGY & SPECIAL FEATURES

CENTRE MOUNT TILLER

- Ergonomically designed for exceptionally comfortable control.
- Handle is 200mm longer and angled 125mm higher.
- Remote control models also available.

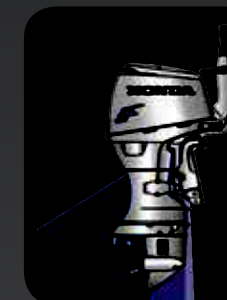
AUTO START ENRICHMENT

The Engine Command Module (ECM) automatically adjusts the air/fuel mixture for quick, easy starting just like fuel injection.



FEATURES

- Get better hull manoeuvrability and performance with Honda's power trim and tilt models. Trim range is -4° to +12°.
- A 552cc displacement engine provides superior torque in mid-range rpm operation.
- Compact three-cylinder, three-carburettor design utilises one carburettor per cylinder. This design is more responsive than competitive throttle bodies with long intake runners.
- Programmed Ignition (PGM-IG) accurately controls ignition timing during start-up and across the entire rpm range for optimum overall operation.
- 10amp (electric start) alternator ensures battery charge is maintained while operating electronics and other accessories.
- Honda's innovative Engine Alert System monitors vital engine functions and assists in preventing damage by alerting the operator of overheating and low oil pressure.
- 4-Front Corrosion Protection. A patented, 'double-sealed' multi-layered paint process. Sacrificial anodes and stainless steel technology, along with waterproof connectors, all enhance corrosion protection.



BF15/20

OUTSTANDING PERFORMANCE

HONDA'S BF15 AND BF20 DELIVER UNRIVALLED INNOVATION TO THE PORTABLE RANGE. THESE ENGINES PROVIDE RESPONSIVE, SMOOTH AND RELIABLE POWER IN A LIGHTWEIGHT DESIGN. HONDA'S ADVANCED FOUR-STROKE TECHNOLOGY RESULTS IN EFFICIENT CLEAN AND QUIET OPERATION.



RELIABILITY IN A COMPACT DESIGN

With a high output 350cc displacement and long-stroke design, the BF15 and BF20 are top performers, providing optimum torque at any speed. Programmed Ignition (PGM-IG) also accurately controls ignition timing during start-up and across the entire rpm range for optimum overall operation. A 12amp (electric start) alternator also ensures excellent charging power to keep batteries in top condition. Thanks to their lightweight design the engines are very easy to transport. A foldaway handle positioned at the exact balance point of each engine makes it easy to carry the outboard in a level position.

SUPERIOR HANDLING POWER

The BF20 is available with Power Tilt and Gas Assist Tilt variations (selected models) – perfect for effortless engine tilt operations and shallow-water running. Cruising is improved and more comfortable with Honda's unique pendulum-motion mounting system. This system, featured in both the BF15 and BF20 is specially designed to reduce vibration and maximise user comfort. A convenient Forward Mount Shift Lever allows fingertip shifting, while a Twist Grip Throttle and Tensioner ensures superior throttle friction, minimising driver fatigue.



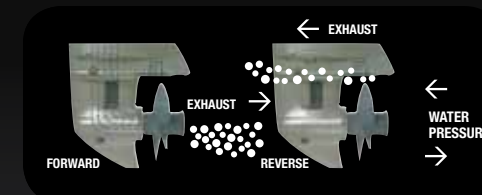
ADVANCED TECHNOLOGY & SPECIAL FEATURES

4 BLADE PROPELLER

All BF15 and BF20 models are supplied as standard with 4 blade aluminium propellers. These highly efficient propellers, maximise low to mid range power characteristics, provide increased levels of performance as well as ensuring smooth engine running. A Power Thrust version is also available – more suited to heavier and slower moving craft.

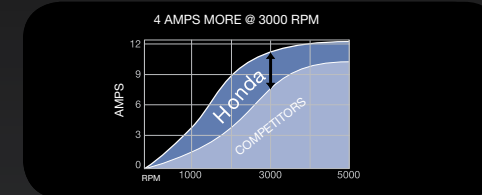
REVERSE EXHAUST RELIEF

Exhaust gases are diverted away from the propeller while in reverse, allowing the propeller to run in clean water.



HIGH CHARGING OUTPUT

12amp (electric start) and 6amp (manual start) alternators keep batteries in top condition with a lot more charging power.



FEATURES

The BF15 and BF20 are available in many model variations, to include manual or electric start, Power or Gas Assist Tilt and Tiller or remote control.

- Convenient foldaway handle positioned at the exact balance point of each engine makes it easy to carry the outboard in a level position.
- Programmed Ignition (PGM-IG) also accurately controls ignition timing during start-up and across the entire rpm range for optimum overall operation.
- High Output Charging – 12amp (electric start) and 6amp (manual start) outlets maintain battery charge and keep electronics powered, even at trolling speed.

POWER THRUST OPTION



BF8/10

FREEDOM ON THE WATER

HONDA'S BF8 AND BF10 HAVE DESERVED REPUTATIONS BUILT ON SUPERIOR RELIABILITY AND ECONOMY. COMBINING RESPONSIVE, RELIABLE AND ECONOMICAL POWER IN A LIGHTWEIGHT PACKAGE, THESE ENGINES DELIVER COMPLETE SATISFACTION. PERFECT FOR USE ON INFLATABLE BOATS, RIBS AND TENDERS. THE BF8 AND BF10 ARE EASILY TRANSPORTABLE THANKS TO THEIR CONVENIENT FOLDAWAY CARRY HANDLES.



COMPACT AND POWERFUL

The BF8 and BF10 have been designed for boaters who want dependable performance in a portable package. Perfectly suited for use with sailboats and inflatable boats, their lightweight and compact profile make them very easy to transport. A foldaway handle positioned at the exact balance point of each engine makes it easy to carry the outboard in a level position.

ADVANCED PERFORMANCE

As with all Honda outboards, advanced four-stroke technology means unparalleled easy starting, quiet operation and low emissions. The BF8 and BF10 have very low fuel consumption and maintenance costs, yet still deliver optimum performance and durability for which Honda is renowned. Programmed Ignition (PGM-IG) also accurately controls ignition timing during start-up and across the entire rpm range for optimum overall operation.

EASY HANDLING

For increased control and reduced steering effort, the BF8 and BF10 feature a large gear shift lever located at the front of the engine. This convenient Forward Mount Shift Lever allows fingertip shifting, while a Twist Grip Throttle and Tensioner ensures superior throttle friction, minimising driver fatigue and enhancing manoeuvrability.



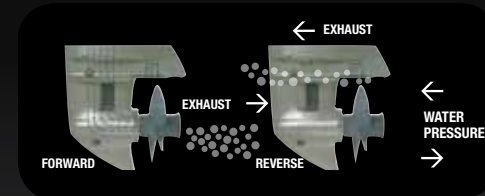
ADVANCED TECHNOLOGY & SPECIAL FEATURES

4 BLADE PROPELLER

All BF8 and BF10 models are supplied as standard with 4 blade aluminium propellers. These highly efficient propellers, maximise low to mid range power characteristics, provide increased levels of performance as well as ensuring smooth engine running. A Power Thrust version is also available – more suited to heavier and slower moving craft.

REVERSE EXHAUST RELIEF

Exhaust gases are diverted away from the propeller while in reverse, allowing the propeller to run in clean water.



FEATURES

The BF10 is one of the lightest four-stroke engines in its class. This allows convenient transport and easy mounting to any hull.

- Convenient foldaway handle positioned at the exact balance point of each engine makes it easy to carry the outboard in a level position.
- Programmed Ignition (PGM-IG) also accurately controls ignition timing during start-up and across the entire rpm range for optimum overall operation.
- Convenient Forward Mount Shift Lever allows fingertip shifting, while a Twist Grip Throttle and tensioner ensures superior throttle friction, minimising driver fatigue.
- High Output Charging – 12amp (electric start) and 6amp (manual start) outlets maintain battery charge and keep electronics powered, even at trolling speed.
- 4-Front Corrosion Protection. A patented, 'double-sealed' multi-layered paint process. Sacrificial anodes and stainless steel technology, along with waterproof connectors, all enhance corrosion protection.

POWER THRUST OPTION



BF2.3/5

CARE-FREE BOATING

HONDA'S BF2.3 AND BF5 ARE EXTREMELY RELIABLE AND QUIET. THE LIGHTWEIGHT DESIGN AND ERGONOMIC CARRY HANDLES OF THESE ENGINES MAKE BOATING CONVENIENT AND FUN, RATHER THAN A HASSLE. HONDA'S ADVANCED ENGINEERING PACKS LOTS OF PERFORMANCE INTO A SMALL PACKAGE, COMBINING A LARGE NUMBER OF INNOVATIVE FEATURES IN THE LIGHTEST POSSIBLE PACKAGE.



PORTABLE POWER

Although these compact engines pack enough punch to push a boat out to sea, they're light enough to be carried back to the car. Thanks to the ergonomic carry handle fitted to each engine, the BF2.3 and BF5 can be taken anywhere. Despite their size, these engines boast all the benefits of Honda's advanced four-stroke technology, which is second to none. The BF5 features a safety lock-out system that only allows the engine to be started in neutral gear.

EASY AND COST EFFECTIVE TO OPERATE

For increased control and reduced steering effort, the BF2.3 and BF5 each have a Twist Grip Throttle which ensures superior throttle friction and enhances response and manoeuvrability. Just like the rest of Honda's outboard range, these engines are also extremely fuel efficient.

THE RIGHT AMOUNT OF MUSCLE

Boaters can take advantage of higher engine displacement for more low and mid-range power. Even at low rpm, the BF2.3 and BF5 have solid and reliable torque to move heavier crafts than any other engine in their class.



ADVANCED TECHNOLOGY & SPECIAL FEATURES

CENTRIFUGAL CLUTCH (BF2.3)

BF2.3 comes standard with a centrifugal clutch. The engine is able to maintain a smooth idle and then upon advancing the throttle it automatically engages the propeller above idle speed. It's like having a neutral position.



FEATURES

World-renowned Honda four-stroke quality combines proven reliability and superior fuel efficiency, with no oil mixing.



- Lightest outboard engine in its category. Even lighter than most two-stroke outboards.
- Lightweight/compact design. Easy to transport and perfect for small tenders.
- Forced air cooled technology eliminating water pump maintenance costs and blocked water cooling circuits (BF2.3).
- 1L integral fuel tank facilitates easy removal and portability as one unit (BF2.3).
- Twist Grip Throttle ensures precise throttle control, while the throttle tensioner minimises driver fatigue.
- BF5 incorporates a safety lock-out system that permits the engines to be started only in neutral gear.
- 3amp charging coil for BF5 available as option.
- 12L fuel tank supplied with BF5, extends running hours with less fuel stops.
- 360 degree rotation allows user to get in and out of tight spots with ease (BF2.3).

GENUINE HONDA MARINE OIL



GENUINE HONDA MARINE OIL

A range of modern oils and lubricants have been developed to provide superior levels of engine protection during operation in the harshest of marine environments.

Be assured that these have been tested by Honda's Research & Development Division and are certified for use in all Honda Marine engines.

Benefits of using Honda recommended oils & lubricants:

- Superior protection against engine wear at low and High operating temperatures
- Excellent anti rust performance
- Outstanding Engine Cleanliness
- Reduced oil / Fuel consumption
- Approved by Honda



DESCRIPTION	HONDA PART REFERENCE NO
Honda Marine Oil – API /SJ / 10W30 – 1 litre	08221 999 100HE
Honda Marine Gear Oil - 1 litre	08251 999 101HE
Honda Marine PTT Fluid – 1 litre	08266 999 100HE
Honda Marine Grease	08739 B06 100HE
Honda Marine – Gear case oil pump	08200 9011HE
Honda Marine – Engine oil extractor	07999 ZW7 000AH
DESCRIPTION	HONDA PART REFERENCE NO
Honda 4 stroke synthetic motor oil – API / SL / 5W30 / JASO MA – 0.6 litre	08221 777 060HE
Honda 4 stroke synthetic motor oil – API / SL / 5W30 / JASO MA – 1.0 litre	08221 777 100HE
Honda 4 stroke synthetic motor oil – API / SL / 5W30 / JASO MA –4.0 litre	08221 777 400HE



DEMAND HONDA GENUINE PARTS, ACCESSORIES AND OILS

When it comes time to service your Honda outboard engine, we would recommend that it is carried out by an Authorised Honda Technician using Honda Genuine Parts, Accessories and Oils. That way, you know you're getting quality maintenance and workmanship.



HONDA MARINE RIGGING COMPONENTS

HONDA ALSO OFFERS A FULL RANGE OF HIGH-QUALITY RIGGING COMPONENTS...

INSTRUMENTATION

Monitor every aspect of your engine with Honda instruments. Whatever your boating requirements, Honda has the instruments to meet them from basic analogue to the latest in digital engine monitoring (available as optional accessories). These include tachometers, trim meters, speedometers, volt meters, hour meters and water pressure meters. All Honda instruments are of the highest quality to ensure the most accurate and reliable monitoring.

KEY SWITCH PANELS

Honda also offers key switch panels designed to complement its premium controls. No matter what your boat's dimensions, you can choose from a wide range of electrical harnesses and extension looms.

REMOTE CONTROLS

To get optimum pleasure from your boat and engine, it's essential to feel in complete control at all times. Thanks to Honda's extensive range of remote control designs and styles, you can experience the pure pleasure of operating your boat in total comfort and safety. It makes driving so much more enjoyable, with everything from speed and direction to trim and gear selection comfortably under your control.

FUEL SYSTEMS

Take advantage of Honda's portable secure plastic fuel tanks (12L or 25L capacity), complete with an integrated gauge on top to check the fuel level. They're easy to carry, thanks to a large ergonomic handle, and extremely safe. Their plastic construction means there is no risk of leakage due to corrosion. Honda also provides fuel filters and water separators to be fixed on the fuel line, between the inbuilt fuel tank of the boat and the engine. They prevent condensed water from the fuel tank altering the engine's vital functions – for example, water mixing with air/fuel in the combustion chamber which would result in poor performance and serious engine damage.



HONDA MARINE ADDED ADVANTAGE

FIRST-CLASS DEALER NETWORK AND AFTER SALES SERVICE

Wherever you are in Europe, a Honda Marine Authorised Dealer is close at hand to provide you with the highest level of service and assistance, leaving you free to forget about your engine and focus on fun.

At Honda Marine, offering the highest level of service is just as important to us as our products. With an in-depth knowledge of all Honda 4-stroke outboard technologies, our trained technicians have access to our latest diagnostic system, "Dr. H". This innovative electronic diagnosis tool enables immediate analysis of engine health, which translates into cost effective servicing for owners of Honda's technologically-advanced 4-stroke Fuel Injected outboards.

As well as allowing Honda's qualified technicians to quickly analyse any abnormalities and address any areas of possible concern, Dr. H also has the ability to accurately assess the engine usage, look for previous alert conditions such as over heating or low oil pressure, and allows technicians to print full service reports for owners.

The development of Dr. H is yet another positive step forward for Honda Dealers, providing increased levels of support to our customers.

HONDA GENUINE PARTS AND ACCESSORIES

Honda produces an extensive range of Honda Genuine Parts and Accessories, as well as specially formulated marine engine oils.

Designed and manufactured to exact specifications, Honda Genuine Parts, Accessories and Oils are the best way to keep your Honda outboard engine operating in peak condition.

When it comes time to service your Honda Outboard Engine, don't take any chances. Make sure the work is carried out by an Authorised Honda Marine Dealership.

The Honda Authorised Dealer network stock all the general maintenance parts you'll need and if they don't have this in stock when required, Honda's renowned Parts Distribution network will ensure supply through one of its many European Logistics centres.



	BF250	BF225	BF200	BF175	BF150	BF135		BF115	BF90	BF75	BF60	BFP60
TYPE	OHC - 6 cylinders - 60° V6 VTEC™ 24 Valve	OHC - 6 cylinders - 60° V6 VTEC™ 24 Valve	OHC - 6 cylinders - 60° V6 24 Valve	OHC - 6 cylinders - 60° V6 24 Valve	DOHC - 4 cylinders VTEC™ 16 valve	DOHC - 4 cylinders 16 valve	TYPE	DOHC - 4 cylinders 16 valve	OHC - 4 cylinders VTEC™ 16 valve	OHC - 4 cylinders 16 valve	OHC in-Line 3 cylinders 12 valve	OHC in-Line 3 cylinders 12 valve
DISPLACEMENT (cc)	3,583	3,471	3,471	3,471	2,354	2,354	DISPLACEMENT (cc)	2,354	1,496	1,496	998	998
BORE x STROKE (mm)	89 x 96	89 x 93	89 x 93	89 x 93	87 x 99	87 x 99	BORE x STROKE (mm)	87 x 99	73 x 89.4	73 x 89.4	73 x 79.5	73 x 79.5
FULL THROTTLE RPM RANGE	5,300 - 6,300	5,000 - 6,000	5,000 - 6,000	5,000 - 6,000	5,000 - 6,000	5,000 - 6,000	FULL THROTTLE RPM RANGE	5,000 - 6,000	5,300 - 6,300	5,000 - 6,000	5,000 - 6,000	5,000 - 6,000
RATED POWER [kW (PS)]	183.9 (250)	167.8 (225)	149.1 (200)	128.7 (175)	110.3 (150)	99.3 (135)	RATED POWER [kW (PS)]	84.6 (115)	66.2 (90)	55.2 (75)	44.1 (60)	44.1 (60)
COOLING SYSTEM	Water Cooled (with Thermostat)	Water Cooled (with Thermostat)	Water Cooled (with Thermostat)	Water Cooled (with Thermostat)	Water Cooled (with Thermostat)	Water Cooled (with Thermostat)	COOLING SYSTEM	Water Cooled (with Thermostat)	Water Cooled (with Thermostat)	Water Cooled (with Thermostat)	Water Cooled (with Thermostat)	Water Cooled (with Thermostat)
FUEL DELIVERY	PGM-FI (Programmed Fuel Injection)	PGM-FI (Programmed Fuel Injection)	PGM-FI (Programmed Fuel Injection)	PGM-FI (Programmed Fuel Injection)	PGM-FI (Programmed Fuel Injection)	PGM-FI (Programmed Fuel Injection)	FUEL DELIVERY	PGM-FI (Programmed Fuel Injection)	Programmed Fuel Injection	Programmed Fuel Injection	Programmed Fuel Injection	Programmed Fuel Injection
IGNITION SYSTEM	Electronic PGM-IG	Electronic PGM-IG	Electronic PGM-IG	Electronic PGM-IG	Electronic PGM-IG	Electronic PGM-IG	IGNITION SYSTEM	Electronic PGM-IG	Electronic PGM-IG	Electronic PGM-IG	Electronic PGM-IG	Electronic PGM-IG
STARTING SYSTEM	Electric starter	Electric starter	Electric starter	Electric starter	Electric starter	Electric starter	STARTING SYSTEM	Electric starter	Electric starter	Electric starter	Electric starter	Electric starter
EXHAUST SYSTEM	Propeller boss	Propeller boss	Propeller boss	Propeller boss	Propeller boss	Propeller boss	EXHAUST SYSTEM	Propeller boss	Propeller boss	Propeller boss	Propeller boss	Propeller boss
GEAR RATIO	2.00	1.86	1.86	1.86	2.14	2.14	GEAR RATIO	2.14	2.33	2.33	2.07	2.33
ALTERNATOR OUTPUT	90A	90A	90A	90A	55A	55A	ALTERNATOR OUTPUT	55A	44A	44A	22A	22A
BATTERY CHARGING CAPACITY	60A	60A	60A	60A	40A	40A	BATTERY CHARGING CAPACITY	40A	35A	35A	17A	17A
TRANSOM HEIGHT (mm)	L:508 / X:635 / XX:762	L:508 / X:635 / XX:762	L:508 / X:635 / XX:762	L:508 / X:635 / XX:762	L:508 / X:635	L:508 / X:635	TRANSOM HEIGHT (mm)	L:508 / X:635	L:537 / X:664	L:537 / X:664	L:521 / X:648	L:531 / X:658
DRY WEIGHT (kg)*	L:284 / X:290 / XX:294**	L:267 / X:272 / XX:277	L:265 / X:270 / XX:275	L:265 / X:270	L:217 / X:220	L:217 / X:220	DRY WEIGHT (kg)*	L:217 / X:220	L:166 / X:172	L:165	L:110 / X:116	L:119 / X:125
ENGINE TRIM AND TILT	Power Trim & Tilt	Power Trim & Tilt	Power Trim & Tilt	Power Trim & Tilt	Power Trim & Tilt	Power Trim & Tilt	ENGINE TRIM AND TILT	Power Trim & Tilt	Power Trim & Tilt	Power Trim & Tilt	Power Trim & Tilt	Power Trim & Tilt
OVERALL L / W / H	920 / 625 / 1760 (L) - 1887 (X) - 2014 (XX)	920 / 625 / 1,670 (L) - 1,800 (X) - 1,925 (XX)	920 / 625 / 1,670 (L) - 1,800 (X) - 1,925 (XX)	920 / 625 / 1,670 (L) - 1,800 (X) - 1,925 (XX)	845 / 580 / 1,665 (L) - 1,790 (X)	845 / 580 / 1,665 (L) - 1,790 (X)	OVERALL L / W / H	845 / 580 / 1,665 (L) - 1,790 (X)	748 (RC) / 449 (RC) / 1,566 (L) - 1,693 (X)	748 (RC) / 449 (RC) / 1,566 (L) - 1,693 (X)	851 (L) / 417 1,397 (L)	866 (L) - 792 (X) / 417 1,453 (L) - 1,580 (X)

*NOTE: Weight specification includes aluminium propeller unless specified.
**BF250 includes Stainless Steel Propeller (6kgs).
VTEC™ (Variable Valve timing & Lift Electric Control)
†BF115 and BF175 counter rotation models not available.
All Honda outboards are power rated with National Marine Manufacturers Association (N.M.M.A) procedures. Specifications are subject to change.

	BF50	BF40	BF30	BF20	BF15	BF10			BF8	BF5	BF2.3
TYPE	OHC - 3 cylinders 6 valve	OHC - 3 cylinders 6 valve	OHC - 3 cylinders 6 valve	OHC - 2 cylinders	OHC - 2 cylinders	OHC - 2 cylinders		TYPE	OHC - 2 cylinders	OHV - 1 cylinder	OHV - 1 cylinder
DISPLACEMENT (cc)	808	808	552	350	350	222		DISPLACEMENT (cc)	222	127	57
BORE x STROKE (mm)	70 x 70	70 x 70	61 x 63	59 x 64	59 x 64	58 x 42		BORE x STROKE (mm)	58 x 42	60 x 45	45 x 36
FULL THROTTLE RPM RANGE	5,500 - 6,000	5,000 - 6,000	5,000 - 6,000	5,000 - 6,000	4,500 - 5,500	5,000 - 6,000		FULL THROTTLE RPM RANGE	4,500 - 5,500	4,500 - 5,500	5,000 - 6,000
RATED POWER [kW (PS)]	37.3 (50)	29.8 (40)	22.4 (30)	14.9 (20)	11.2 (15)	7.4 (10)		RATED POWER [kW (PS)]	6.0 (8)	3.7 (5)	1.7 (2.3)
COOLING SYSTEM	Water Cooled (with Thermostat)	Water Cooled (with Thermostat)	Water Cooled (with Thermostat)	Water Cooled (with Thermostat)	Water Cooled (with Thermostat)	Water Cooled (with Thermostat)		COOLING SYSTEM	Water Cooled (with Thermostat)	Water Cooled (with Thermostat)	Force Air Cooled
FUEL DELIVERY	Programmed Fuel Injection	Programmed Fuel Injection	3 carburettors with accelerator pump	1 carburettor with accelerator pump	1 carburettor with accelerator pump	1 carburettor with accelerator pump		FUEL DELIVERY	1 carburettor with accelerator pump	1 carburettor	1 carburettor
IGNITION SYSTEM	Electronic PGM-IG	Electronic PGM-IG	Electronic PGM-IG	Electronic PGM-IG	Electronic PGM-IG	Electronic PGM-IG		IGNITION SYSTEM	Electronic PGM-IG	Electronic PGM-IG	Transistorised
STARTING SYSTEM	Electric starter	Electric starter	Electric starter	Electric / Recoil starter	Electric / Recoil starter	Electric / Recoil starter		STARTING SYSTEM	Electric / Recoil starter	Manual	Manual
EXHAUST SYSTEM	Propeller boss	Propeller boss	Propeller boss	Propeller boss	Propeller boss	Propeller boss		EXHAUST SYSTEM	Propeller boss	Under water	-
GEAR RATIO	2.08	2.08	2.08	2.08	2.08	2.33		GEAR RATIO	2.33	2.08	2.42
ALTERNATOR OUTPUT	22A	22A	-	-	-	-		ALTERNATOR OUTPUT	-	-	-
BATTERY CHARGING CAPACITY	17A	17A	10A	12A (Electric) / 6A (Recoil)	12A (Electric) / 6A (Recoil)	12A (Electric) / 6A (Recoil)		BATTERY CHARGING CAPACITY	12A (Electric) / 6A (Recoil)	3A Option	-
TRANSOM HEIGHT (mm)	S:416 / L:521	S:416 / L:521	S:431 / L:552	S:433 / L:563 / X:703	S:433 / L:563 / X:703	S:433 / L:563 / X:703		TRANSOM HEIGHT (mm)	S:433 / L:563 / X:703	S:445 / L:572	S:418 / L:571
DRY WEIGHT (kg)*	S:96 / L:98	S:96 / L:98	SHG:80 / LRT:79.5 / SRT:77.5 / LRG:77.5 / LHG:82 / LHT:84	S:42 / L:49.5 / X:52.5 (XRU)	S:42 / L:49.5 / X:52.5 (XRU)	S:42 / L:44.5 / X:52.5 (XRU)		DRY WEIGHT (kg)*	S:42 / L:44.5 / X:52.5 (XRU)	S:27.5 / L:28	S:13.5 / L:14
ENGINE TRIM AND TILT	Power Trim & Tilt or Gas Assisted	Power Trim & Tilt or Gas Assisted	SSTAGE / Gas Assisted / Manual / Power Trim & Tilt	Manual / Manual 5 stages	Manual / Manual 5 stages	Manual / Manual 5 stages		ENGINE TRIM AND TILT	Manual / Manual 5 stages	Manual / Manual 5 stages	Manual / Manual 4 stages
OVERALL L / W / H	694 / 372 / 1,258 (S) - 1,364 (L)	694 / 372 / 1,258 (S) - 1,364 (L)	640 (RC) - 720 (Tiller) / 375 / 1,195 (S) - 1,320 (L)	650 (Tiller) / 350 / S:1,110 - L:1,240 - X:1,380	650 (Tiller) / 350 / S:1,110 - L:1,240 - X:1,380	610 (Tiller) / 345 / S:1,105 - L:1,235 - X:1,375		OVERALL L / W / H	610 (Tiller) / 345 / S:1,105 - L:1,235 - X:1,375	525 / 350 / S:1,005 - L:1,135	410 / 280 / S:945 - L:1,100

*NOTE: Weight specification includes aluminium propeller unless specified.
VTEC™ (Variable Valve timing & Lift Electric Control)
†BF115 and BF175 counter rotation models not available.
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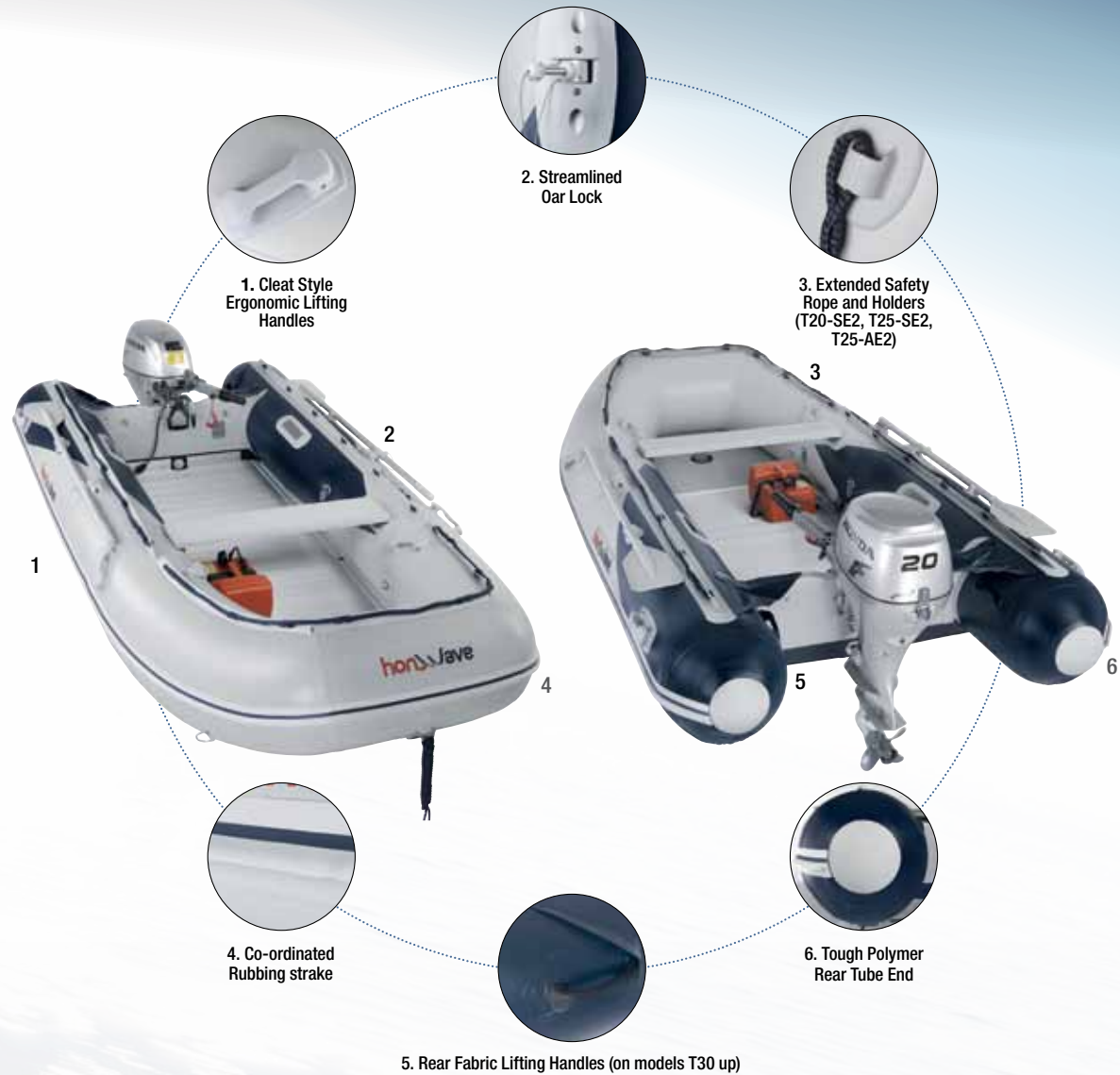
Honwave inflatable range

IN TUNE WITH NATURE

WE HAVE DESIGNED THE HONWAVE INFLATABLE RANGE WITH ONE PRINCIPLE: WHATEVER YOUR REQUIREMENTS OR DESIRES, THERE IS ALWAYS A RELIABLE, EASY TO USE AND EASY TO TRANSPORT HONWAVE INFLATABLE THAT MEETS YOUR NEEDS.

FEATURES

- European manufactured PVC fabric used in the Honwave Inflatable boat range ensures:
 - High quality material
 - Durable & Reliable construction
 - Lightweight
 - Excellent UV & weather resistance
 - Seawater resistance
 - Market proven reputation.
- Ergonomic cleat style lifting handles provide added comfort during handling.
- Additional fabric lifting handles located at the stern ensures lifting and moving larger boats is made easier. T30AE-2, T35AE-2, T40AE-2, T32IE-2 & T38IE-2.
- Tough polymer stern tube pads provide added protection at the rear.
- Additional factory fitted seat holders provide easy seat installation and alternative seating positions. T30AE-2, T35AE-2, T40AE-2, T32IE-2 & T38IE-2.
- Fibreglass transom & seats provide long term durability against UV with increased weather resistance.
- A high capacity air pump with high pressure and deflate facility makes boat inflation/deflation less of a chore.



HONWAVE SLATTED-DECK INFLATABLES

Safe and easy-to-use tenders; the perfect boating partners.

Compact and ultra-light, Honwave's slatted-deck inflatables are perfect for tender excursions, fishing trips or simply for cruising pleasure. With the largest buoyancy tube diameter in the market, they ensure superior flotation and stability. What's more, folding and storing can be accomplished by a single person in just minutes.

- 2 m (T20-SE2)
- 2.5 m (T25-SE2)



- 2.5 m (T25-AE2)
- 3 m (T30-AE2)
- 3.5 m (T35-AE2)
- 4 m (T40-AE2)



HONWAVE ALUMINIUM-DECK INFLATABLES

Geared-up ready for a challenge.

For boating enthusiasts that take fun seriously, Honwave's aluminium-deck inflatables are the ideal watercraft for just about any nautical activity. Rugged and ready to go, their extra-large buoyancy tubes guarantee smooth cruising every time. The floor slats are number coded for hassle-free assembly, and the smaller models can be stored in a single bag. So you can take them anywhere.

- 2.4 m (T24-IE2)
- 2.7 m (T27-IE2)
- 3.2 m (T32-IE2)
- 3.8 m (T38-IE2)



HONWAVE AIR V-FLOOR INFLATABLES

A revolutionary floor for a truly moving performance.

Light and fast, these inflatables are packed with comfort and performance features. Their vibration-dampening floors help smooth out the roughest rides. Their deep-V hull design significantly optimises keel performance and ensures maximum stability at virtually any speed. The hull design incorporates extended rear inflated floor trim pads, for effortless directional agility, responsive helm balance and increased buoyancy suited to four-stroke engines.

TYPE	T20-SE2	T25-SE2
OVERALL LENGTH (CM)	200	250
OVERALL BEAM	144	156
INNER LENGTH	121	153
INNER BEAM	61	68
TUBE DIAMETER	40	43.5
PACKING SIZE	107 X 60 X 32	112 X 60 X 34
NET WEIGHT (KG)	27	34
MAX (HP)	4	6
PASSENGER CAPACITY (Adult/Child)	2/-	3/-
LOADED WEIGHT	250	440
CHAMBERS	3	3
FLOOR	SLATTED	SLATTED
CATEGORY	-	C

TYPE	T25-AE2	T30-AE2	T35-AE2	T40-AE2
OVERALL LENGTH (CM)	250	297	353	395
OVERALL BEAM	156	157	170.5	189
INNER LENGTH	153	195.5	244	279
INNER BEAM	68	68	80.5	90
TUBE DIAMETER	43.5	43	45	49
PACKING SIZE	112 X 65 X 38	112 X 65 X 38	122 X 72 X 43	129 X 79 X 45
NET WEIGHT (KG)	45	54	73	86
MAX (HP)	6	15	20	30
PASSENGER CAPACITY (Adult/Child)	3/-	4/-	5/-	7/-
LOADED WEIGHT	440	610	700	1050
CHAMBERS	3 + KEEL	3 + KEEL	3 + KEEL	3 + KEEL
FLOOR	ALUMINIUM	ALUMINIUM	ALUMINIUM	ALUMINIUM
CATEGORY	C	C	C	C

TYPE	T24-IE2	T27-IE2	T32-IE2	T38-IE2
OVERALL LENGTH (CM)	240	267	320.5	376
OVERALL BEAM	154	153	153.5	170
INNER LENGTH	148	177	229	262
INNER BEAM	67	67.5	67.5	80
TUBE DIAMETER	42.5	42.5	42.5	44
PACKING SIZE	112 X 60 X 34	112 X 65 X 38	112 X 65 X 38	122 X 72 X 43
NET WEIGHT (KG)	33	34	39	48
MAX (HP)	6	8	15	25
PASSENGER CAPACITY (Adult/Child)	3/-	3/1	4/-	5/1
LOADED WEIGHT	400	664	735	950
CHAMBERS	3 + FLOOR (2)	3 + FLOOR (2)	3 + FLOOR (2)	3 + FLOOR (2)
FLOOR	Air V-floor	Air V-floor	Air V-floor	Air V-floor
CATEGORY	-	C	C	C

