



Outboard Brochure





This is Yamaha. Made for water.

Around the world, people who love the water choose smooth, quiet, reliable Yamaha power to help them make the most of every moment.

Why? Because no other outboard has earned their trust so completely, has more experience behind its name - or the ability to deliver performance so perfectly tuned to the way they enjoy their boating.

People who simply love the feeling of being on the water. Friends who go out together to enjoy the water. Watersports enthusiasts who want to challenge and dominate it – whatever their individual way of playing with water, they rely on Yamaha to bring them class-leading performance.





Yamaha is committed to providing you with the very best back up and expertise...

Whether you use a lightweight F2.5 on your tender or our flagship V8 on an offshore powerboat you can expect the very best back up and expertise from Yamaha.

We provide after sales and technical support to you through our highly respected network of authorised Yamaha outboard dealers throughout the UK, with direct access to a global network of information covering every Yamaha engine ever built.

Our dedicated team of marine specialists not only boasts many years of experience in the marine leisure world, but have also worked extensively with the many professional marine organisations in the UK that choose to fit Yamaha outboard power.

The professional users list includes the RYA's British Sailing Team who rely on Yamaha to power the coaching support for the world class Olympic, youth and junior Programmes, in addition to the UK Sport Funded World Class Sailing Events Programme.

Yamaha is able to supply parts and back up direct to the Yamaha Authorised Dealer network utilising a giant central European warehouse in Holland, ensuring that whatever you need is available.

Industry leading support for you and your outboard.

Yamaha Motor Europe NV are members of the British Marine Federation and MEEMA engine manufacturer association.





Cap Camarat

YAMAHA
225
Four Stroke
V6

YAMAHA
225
Four Stroke
V6

Contents

High Power & Mid - Range

F300 / F250 / F225



F200 / F175



F150



F130 / F115



F100 / F80



F70



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F40 / F30



High Thrust



Portable

F25 / F20



F15



F9.9 / FT 9.9 / F8



F6 / F5 / F4



F2.5

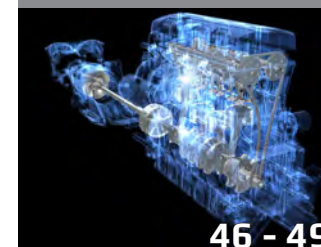


Electric Drives

M20 / M18 / M12



Technical Specifications



Yamaha Clothing



Why choose Yamaha?

Economy – more miles less cost

Good fuel economy is of increasing importance in the marine world. With fuel costs rising many boat owners, commercial or recreational, are considering how they can re-power and reduce running costs. Reducing fuel consumption without sacrificing performance is what Yamaha engineers have been focusing on for the entire outboard range. Yamaha outboard engines are extremely economical giving your boat maximum range and ensuring that you are getting the most out of your tank. For commercial users this is particularly important as even a small improvement in fuel economy can make a significant difference over time. Choosing an economical engine is a decision that will keep rewarding you at every fill up, so make sure you choose Yamaha outboard power.



Residuals – value that lasts

Because Yamaha engines are recognised as the number one outboard in the world everybody knows the quality of a product with the Yamaha name on it. Yamaha's enviable reputation and reliability will pay dividends when the time comes to re-power or sell your boat as this has a very positive effect on the residual value. Your boat will be more attractive when it has a Yamaha outboard fitted and should achieve a higher resale price especially if your engine has high hour usage. The difference between selling your boat or not might be the engine manufacturer. Make sure you achieve the best return on your investment when selling your pride and joy by choosing a Yamaha outboard. Buying Yamaha simply gives you a head start in the used market as everyone in the world knows the quality of a Yamaha.



Development is the key to success

Being the number one outboard engine manufacturer in the world requires a commitment to innovation and the latest technologies. In the marine world innovation must also be matched with practicality; a demanding environment means that any weakness in systems or technology will soon be exposed. Yamaha has always worked hard at getting the right blend of innovation and practicality. Stringent testing and extensive research ensure that all Yamaha innovations are ready for the marine environment. Engineering innovation is at the heart of all Yamaha products and our research means that another bright idea is never far away. Intelligent innovation improves the core engine functions so that you get the most reliable, most practical technology which allows you to make the most of your time on the water.



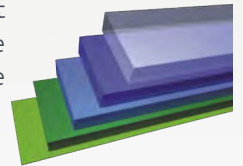
The world's Number 1 outboard

Being number one in a specific country or region is one thing, but being the number one in the world is something very special. Yamaha has been the world's top manufacturer of outboard engines for a very long time. To attain this position is an achievement in itself. But to maintain this position for such a long period requires a level of commitment and technological innovation which is unique. It is not just the quality of the technology which encourages people to choose Yamaha; it is also the passion and understanding that Yamaha has for the marine environment. Yamaha marine engineers work with all forms of marine products from engines to boats to PWC. Enthusiasm, dedication and knowledge keep Yamaha at the cutting edge of new marine technology and makes Yamaha the number one global brand.



Durability – essential for work

From our ACP-221 paint process to the sacrificial anodes, Yamaha engines are built to last. ACP-221 demonstrates Yamaha's dedication to durability. This unique 5-layer painting process is something which many have re-created but none have been able to match. Combined with the YDC-30 alloy ACP-221 completes Yamaha Ultimate Corrosion protection. A sequence of primers, undercoats and acrylic resins are baked for adhesion and hardness then sealed in by a final coat of clear urethane lacquer. But don't take our word for it; consider the multitude of marine professional users who all use Yamaha engines because they know that Yamaha's durability can withstand the most demanding use. Yamaha engines are built to last...and last...and last.



When someone depends on you

Trust is an essential component of any marine operation. When operating at sea, regularly at any number of locations around the globe; then it is crucial to depend on your outboard. Land Rover BAR and the RYA British Sailing Team use Yamaha Outboards for approaching 20,000 hours per year. Whether racing in Rio or training in Weymouth they rely on Yamaha's dependability and global support to keep their teams at the forefront of all competitions. For the British Sailing Team the RYA trust the F70 to power a fleet of support RIBs, team Land Rover BAR require the V6 & V8 power of the F225 – F350 partnered with a fleet of Scorpion RIBs and custom made catamarans. Choosing Yamaha is choosing professional quality that performs all year round in many conditions - just ask the professionals.



Over half a century of experience

Yamaha's first outboard motor – the P-7 - was released to the Japanese market in 1960, marking the start of over 50 years spent delivering the very best outboards that the boaters across the globe demand. Yamaha engineers share a boating passion with the many millions of Yamaha users worldwide, listening to what they have to say, and understanding how products are used in the real world. Whether it is a fisherman in Indonesia or a family on the Norfolk Broads, a Yamaha outboard motor will be the reliable partner that their boat needs. Over 9,000,000 outboard motors built over 50 years, by one company - that is a testament to the pedigree and talent that Yamaha Motor Corporation has and its commitment to the marine industry. First class outboard engines are in Yamaha's DNA.



Quality – the best components

Yamaha have always strived to ensure the best quality components and raw materials are used in its outboard engines. The unique YDC-30 alloy is a perfect example of how the very best materials are used in Yamaha outboard engines. A combination of aluminium, silicon, magnesium and titanium provide industry-leading corrosion protection for significant components within the engine. Advanced manufacturing techniques and precision engineering can be found in every detail of every engine. Whether you are five miles out to sea or five miles down the river having a quality outboard engine will mean that you spend more time doing what you want to do and less time repairing and maintaining your engine. Yamaha delivers the quality that you can rely on.



Outboard power that suits you

Outboard engines cover such a wide range of applications and boats that choice is a prerequisite for outboard manufacturers. Yamaha gives you more choice than any other manufacturer so you can get your outboard power exactly how you want it. By offering a wide range of models and options, Yamaha can ensure that there is a suitable outboard for every user and every application. Tiller and remote control variants, as well as a High Thrust range for pushing displacement hulls, are all available and all designed to get the most out of the boat they are rigged to. Specifying the correct engine to match the characteristics of your hull will reward you with optimal performance and economy. More choice means better suitability, which is better for the boat, better for the engine and better for you.



Fast, efficient parts service

Yamaha is a global brand, so that means global back-up which is great, but what you also need is efficient local support and that's exactly what Yamaha is so good at - using global resource for practical local advantage. Genuine outboard parts are centrally stocked in a giant European warehouse and can be delivered to the UK very quickly. In the harsh marine environment service and maintenance is critical so having an efficient and effective parts back-up means that any time off the water while these tasks are performed is kept to a minimum. Important for leisure boaters and absolutely essential for every rescue and professional application; Yamaha's first class back-up is something which is ready and waiting.



The Yamaha Difference



The science of innovation

A key factor in the creation of 'The Yamaha Difference' is our dedication to technical innovation. We've pioneered many world-first engineering developments, from revolutionary engine layouts to ingenious intake and exhaust systems – and given the world its very first line-up of clean, economical, reliable 4-stroke outboards.

Cutting-edge technology

Combustion efficiency rules everything, so we exploit technologies like VCT (Variable Camshaft Timing) and DOHC (Double Overhead Camshafts) to optimise performance. Our unique technologies have brought other advantages too – like electronic systems which offer digital instrumentation, Variable Trolling RPM Control and our exciting Drive-by-Wire throttle and shift options. HelmMaster too, is a revolution.

Choice without compromise

Our pioneering work on clean-burn technologies set new standards without compromising power and performance, so our outboards are now faster, quieter and more economical than ever - and only Yamaha offers you so much choice. From the portable F2.5 to the powerful F350.





Drive-By-Wire technology

This latest technology on our larger engines is a system that controls throttle and shift functions, as well as providing one-touch Start/Stop control and automatic synchronisation for multi-engine installations.



One-button Start/Stop control

As its name suggests, our convenient one-button control start/stop switch panels, allow multiple engines to be started or stopped with the press of a single button. For twin or triple installations with Drive-by-Wire control.



CL7 colour instrumentation

The 7" full-colour, high-resolution LCD display, touch screen that can be configured to display multiple combinations of information including a navigational chart plotter, depth sounder and the boat's operating systems.



6YC colour instrumentation

Full-colour 4.3" TFT display with adjustable illumination, low reflection filter and anti-dazzle Night Mode. Dual protocol capability with easy-operation buttons to select readouts for multiple functions, including warnings and boat system control information.



6Y8 instrumentation

Comprehensive engine information is provided to the boat driver via the digital network and the programmable displays are clear, informative and very easy to read.



Electronic Fuel Injection

EFI is featured on all Yamaha models from 25hp up – our innovative, technically advanced system supplies fuel with precise timing and volume, to optimise combustion for high performance, easy starting and superior fuel economy.



Variable Camshaft Timing

The actuator rotates to advance and retard the intake camshaft timing, providing a significant increase in low and mid-range torque.



Y-COP remote immobiliser

With its push-button remote transmitter, Y-COP (Yamaha Customer Outboard Protection) is an exclusive system that immobilises the engine - so like your car, it only starts when you want it to. Optional on the F25 up.



Dual Thrust propeller

A large diameter, low pitch propeller, designed to maximize thrust in forward gear and, by re-directing the exhaust flow, it also improves maneuverability and pulling power in reverse gear, especially on heavier boats.



Dual Battery Charging System

This system's isolator separates the starting and accessory batteries to ensure efficient electrical power distribution for starting up – a very useful feature when operating multiple accessories. Available on F150 upwards.



Variable Trolling Control

This helpful feature, standard on most EFI models, offers precise control of low-speed engine rpm for relaxed trolling. Adjustment is made in steps of 50 rpm, using a button on the tachometer.



PrimeStart™

Start from cold as easily as in your car, by simply turning the key! Exclusive to Yamaha, PrimeStart™ eliminates the need for a conventional choke. Standard on F15 and up.





SDS – Shift Dampener System

Reducing the annoying “clunk” normally associated with gear changes, Yamaha’s unique Shift Dampener System (SDS) greatly reduces noise and vibration – for smoother, quieter gear shifts.



Fresh Water Flushing System

No need to run the engine – simply connect a hose to the front-mounted connector to flush salt and dirt from the waterways. Reduced corrosion and extended engine life are the rewards. F8 and up.



Tilt Limiter

A helpful feature that prevents the driver from over-tilting the engine, helping to avoid damage to the cowling. Fitted as standard on the V8 and available as an option for other engines.



Helm Master - Fully Integrated Boat Control System

Handling a boat with more than one outboard has never been as easy as it is now. Because with Helm Master’s intuitive joystick, single lever engine control, fully automatic trim system and touch-button speed control, confident boat handling just became your speciality!



Multi-function Tiller Handle

Available for F25 to F115, this strong handle brings a new level of comfort and control, with everything conveniently to hand - including throttle and friction controls, shift lever, PTT (Power Trim & Tilt), Stop switch/key – and more!



NMEA2000

Available on the F50 to XTO NMEA compatibility allows your Yamaha engine to communicate with and display information on a variety of electronic navigational devices.



Counter-rotating Propeller Models

A standard twin-engine installation (both propellers turning clockwise) ‘pulls’ the boat towards the port side, making steering difficult, especially at higher speeds. A counter-rotating propeller, offers ‘neutral helm’ control when fitted alongside a standard model. Available on selected models from F115 up.



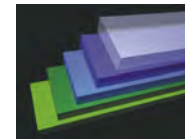
Wide range Power Trim & Tilt

Quick response, via push-button control, makes trim and tilt adjustments swift, smooth and easy. The confidence-giving handling control provided by the wide trim range includes negative trim settings to improve acceleration and help bring the boat onto the plane quickly.



5-Stage exterior coating

After oven-baking for adhesion and hardness, a sequence of primers, undercoats and acrylic resins are sealed in by a final coat of clear urethane lacquer. This gives your Yamaha its unique lustre and glossy, long-lasting, easy-maintenance finish



5 Year Warranty*

Total peace of mind with a full 5 Year warranty period and the protection of the world's number one outboard manufacturer.

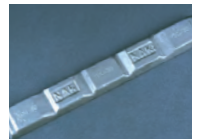


*Terms & conditions apply. UK Leisure users only. See website for full details



YDC-30 anti-corrosion protection.

This specially developed aluminium alloy is used for the major exterior parts of Yamaha Outboards. Thanks to many years of research and testing, it offers maximum protection against corrosion in the demanding marine environment



Self-sacrificing anodes

Fitted on engine casings, mounting brackets, lower units - and inside the engine block and waterways of some engines.





Giving you the choice

Yamaha models come equipped with everything you need for turnkey operation, and with larger engines you can make your own personal choice of remote controls, instruments, propellers and accessories.

A wide and impressive selection is available and your Yamaha Dealer will be pleased to advise you on the right choice for your boat – to help you make the most of your time out on the water.

Take control in style

All Yamaha controls and switch panels are not only designed to be functional, efficient and stylish, but also a pleasure to use.

A great example is the smart key switch and panel that can start and stop up to three of our Drive-by-Wire (DBW)-compatible engines simultaneously - and almost effortlessly.

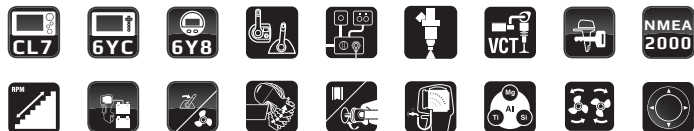
Exploit the water

Every outboard needs the perfect propeller. One that matches as closely as possible, the type of boat you have and the way you want to use it. Which is why we offer such a wide range of propellers, all designed specifically to optimise the performance of your Yamaha outboard and boat combination. Just ask your dealer to help you select the perfect match.

**Take your adventures
offshore**



F300 // F250 // F225



Some features shown may be optional or not apply to all engines in this series. Please check with your dealer.

The F225, F250 & F300 outboards represent the pinnacle of Yamaha's latest-generation marine technology. Designed for the demanding offshore environment, these light, compact V6 engines are the ultimate powerhouses to have behind you on your watersports adventures.

For clean, smooth performance, maximum fuel efficiency and easy starting, the advanced 24-valve DOHC engine features EFI (Electronic Fuel Injection) as well as VCT (Variable Camshaft Timing). Combining technology with style, the sleek, compact design speaks for itself.

Meanwhile, at the helm, Yamaha's 'drive-by-wire' electronic throttle and shift delivers the smoothest, most precise control you'll ever experience.



Latest cylinder technology - large displacement with low weight

The Plasma fusion process on the cylinder walls is 60% harder than steel, and this advanced technology also offers lower weight, better cooling and less friction. The result is the largest displacement engine in its class, yet with the lowest weight.



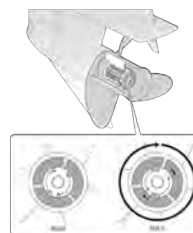
24-valve, 4.2 litre 60° V6 with DOHC, EFI & VCT

An advanced, lightweight powerhead design features plasma-fused, sleeveless cylinders, double overhead camshafts (DOHC) and 4 valves per cylinder. Variable camshaft timing (VCT) delivers increased combustion efficiency across the RPM range. This combination of advanced technologies gives class-leading horsepower-per-litre.



Extra long inlet manifold

Air is fed to the cylinders via extra long intake manifolds to ensure the engine delivers the best possible low rpm torque characteristics.



Shift Dampening System (SDS)

First introduced for our larger V8 and V6 models, Yamaha's patented Shift Dampener System (SDS) is a great feature that significantly reduces the 'clunk' sound normally associated with moving between gears. A splined rubber hub and aft washer absorb noise and vibration, in a carefully engineered solution that gives smoother, quieter gear shifts.

Compact dimensions
Straight-4 Performance



F200 // F175

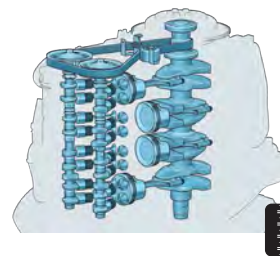


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For exceptional power and acceleration, these clean, quiet, smooth, EFI-equipped engines are pretty tough to beat. Add economy, reliability and all-round performance - and you have the perfect choice.

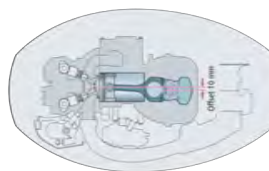
Yamaha's unique, fuel-efficient EFI system, micro-processor ECU, Variable Camshaft Timing (F200), clean-burn technology and noise reduction systems work seamlessly together - and the sophisticated diagnostic system shows engine and performance data via computer link, so maintenance is quick and simple.

Like all our EFI engines, the F200 and F175 can be linked to Yamaha's exclusive network system, which means you can choose from our wide range of digital gauges and instruments.



2.8 litre DOHC 4-cylinder with 16 valves and EFI

These thoroughbred engines deliver excellent combustion efficiency across the RPM range with features like EFI, 4 valves per cylinder, DOHC (Double Overhead Camshafts) - and on the F200, Variable Camshaft Timing (VCT). A blend of advanced technologies offering exceptional horsepower-per-litre and a high power-to-weight ratio.

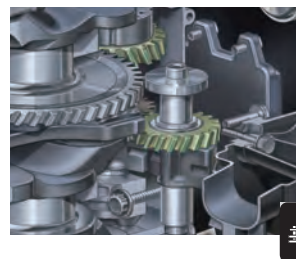


Special offset crankshaft delivers a compact design

We designed the F200 and F175 to be ultra-compact and the special offset crankshafts and gear-driven balance shafts are just two of the many technical advances pioneered by our engineers to help achieve that aim. The labyrinth exhaust systems, with their water-sealed outer walls make them exceptionally quiet too.

Mechanical or Electronic 'drive-by-wire' throttle and shift options

Offering the driver simple, comfortable control, the optional Digital Network System automatically synchronises engines in twin or triple installations and offers a one-touch Start/Stop button. Our Premium multi-function display gauge, with its 5" LCD colour screen is another attractive option. Mechanical throttles are also available on F200F and F175A models.



Twin counter balancers

Two gear driven counter-balancers are used to ensure that any vibration from the large capacity cylinder block is kept to a minimum.

Relaxing power
and performance



F150



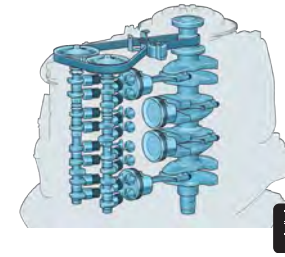
Some features shown may be optional or not apply to all engines in this series. Please check with your dealer.

The legendary F150 still has those sleek looks and great features, but now brings you even smoother shifting and more sophisticated performance - thanks to the latest drive by wire technology of our digital electronic throttle and shift (F150G).

The advanced DOHC (Double Overhead Camshaft) design and special intake and exhaust systems optimise the combustion process - and a special cowling design traps and drains water more efficiently.

Many other unique features, like Variable Trolling RPM control, our Wide Range Power Trim & Tilt system – and Yamaha’s optional Y-COP remote security system, make the latest version of this outstanding engine a real pleasure to use.

The F150D, 2670cc engine is also still available with a mechanical shift throttle.



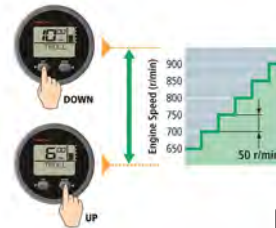
2.8 litre DOHC 4-cylinder with 16 valves and EFI

These thoroughbred engines deliver excellent combustion efficiency across the RPM range with features like EFI, 4 valves per cylinder, DOHC (Double Overhead Camshafts). A blend of advanced technologies offering exceptional horsepower-per-litre and a high power-to-weight ratio.



Electronic 'drive-by-wire' throttle and shift

Offering the driver simple, comfortable control, the optional Digital Network System automatically synchronises engines in twin or triple installations and offers a one-touch Start/Stop button. Our Premium multi-function display gauge, with its 5" LCD colour screen is another attractive option.



Variable Trolling speed control

This sophisticated system allows you to control low speed operation smoothly and easily, by adjusting your speed in 50 RPM steps at the touch of a switch. Ideal for fishing, or for cruising politely through no-wake zones!



F150D with mechanical shift

The acclaimed 2.6 litre DOHC version of the F150 with traditional mechanical throttle and gear change is also available. See specification panel for full details.

**Light on Weight
Heavy on Performance**



F130 // F115



Some features shown may be optional or not apply to all engines in this series. Please check with your dealer.

The latest-generation, lightweight design F115 and F130 let you relax and enjoy your boat to the full – knowing you're powered by the smoothest engines on the planet.

Not only is the engineering impressive - these are 1.8 litre, 16 big-valve, in-line 4-cyl DOHC 4-stroke engines - but it's blended with a host of electro/technical features to make life easier: compatibility with our optional Digital Network System, Y-COP remote security, Wide Range Power Trim & Tilt with Tilt angle limiter option, to name but a few.

The efficiency of our well proven EFI systems and other new combustion technologies ensure the utter dependability of these outstanding Yamaha engines.



1,832cc 16-Big-Valve DOHC in-line 4-cylinder 4-stroke

With their new and innovative intake and exhaust valve design – and twin camshafts, each driven independently – intake and exhaust efficiency are dramatically improved, optimising fuel use during combustion. The TCI ignition system ensures easy starting, consistent running, longer plug life - and complete dependability.



Compact, lightweight design - ideal for re-powering

The versatile F115 and F130 are the leading power-to-weight performers in their class, so they're the ideal choice for a wide range of activities and open up exciting opportunities for re-powering. Their smooth, powerful performance and 4-stroke efficiency brings a new lease of life to older boats of many types and sizes.



Remote security (Y-COP) system

Your Yamaha is valuable and sought-after – sometimes by people you might not want to share it with – so Yamaha Customer Outboard Protection (Y-COP) is a simple, push-button remote control that immobilises your engine, ensuring that just like your car, it only starts when you want it to. Y-COP is optional on all four cylinder engines.



Digital Network System option - clear, accurate information

The F115 and F130 are perfect for Yamaha's Digital Network System and Gauges - maximising their performance and efficiency: Multifunction Tachometer with RPM, Hours Run, Trim Angle, Oil Pressure, Warning lamps and Variable Trolling RPM control - and a Speed/Fuel Management Gauge with Tank Capacity and Fuel Economy.

**Lighter weight.
Potent power.**



F100 // F80

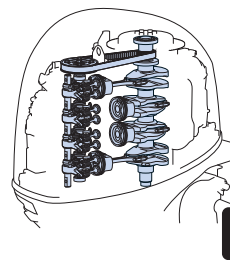


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The latest F100 and F80 are now even lighter, so for genuine all-round performance, smooth acceleration & economy, they're hard to beat. Yamaha's innovative engineering makes them ultra-reliable too.

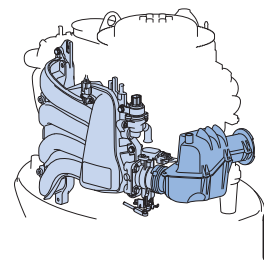
Our newest 4-stroke technology offers unmatched performance – thanks to a 16-valve engine with Single Overhead Camshaft (SOHC) for vivid acceleration, advanced intake and exhaust system designs – and Yamaha's unique multi-point EFI (Electronic Fuel Injection)

A range of convenient features – including PrimeStart™, a high-output alternator, Digital Network Gauges and Yamaha's Wide Range Power Trim & Tilt system – gives you the confidence that you're always in full control.



16-valve SOHC engine layout

The SOHC (Single Overhead Camshaft) layout, with its large cylinder capacity and 16-valve format, results in optimum valve actuation, delivering improved acceleration and performance. Yamaha's latest 4-stroke technology combines this with advanced intake and exhaust system designs – and our unique multi-point Electronic Fuel Injection (EFI).



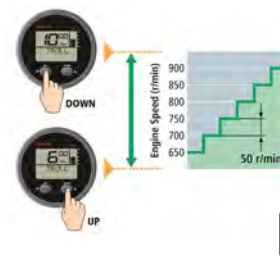
Large single throttle valve

This innovative system controls the flow of air to all four cylinders, pulse-tuning it before it reaches the injectors of the EFI system. The air is therefore delivered with ultimate precision, according to the demands of the driver and the combustion conditions.



Digital Network Gauges

The F100 and F80 are compatible with Yamaha's Digital Network Gauges, giving you the information needed to maximise engine performance and efficiency, including a Multifunction Tachometer with RPM, Hours Run, Trim Angle, Oil Pressure, Warning lamps and Variable RPM control - and a Speed/Fuel Management Gauge with Speed, Tank Capacity and Fuel Economy.



Easy control of engine speed for trolling

Another feature of the Digital Network System option is the handy button on the tachometer which gives you instant control of the engine RPM - making it simple to adjust the engine speed in convenient steps of 50 RPM between 550 and 1000 RPM. Smooth, relaxed cruising is the reward.

**Always play with a
powerful partner**



F70



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Offering unbeatable versatility, the lightweight F70 will power a wide range of boat types, so it's equally at home when you're working, or if you're out to experience the fresh air and fun of leisure boating and watersports. In fact, the F70 is the lightest, most powerful 4-stroke in its class.

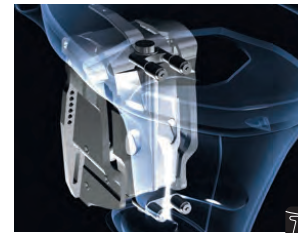
For cleaner performance, maximum fuel efficiency and easy starting, the powerful 16-valve SOHC engine features EFI (Electronic Fuel Injection) and Yamaha's unique PrimeStart™ system. Compatibility with Yamaha's Digital Network Gauges delivers precise control too.

Sleek and stylish too – your F70 is sure to attract admiring glances from everyone - whether afloat or on the shore.



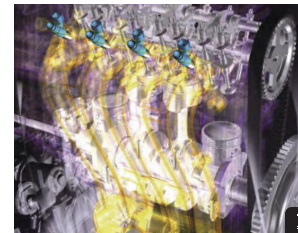
Yamaha Digital Network Gauges

The F70 is compatible with Yamaha's Digital Network Gauge, giving you the information needed to maximise engine performance and efficiency, including: a Multifunction Tachometer with RPM, Hours Run, Trim Angle, Oil Pressure, Warning lamps and Variable RPM control; or a Speed/Fuel Management Gauge with Speed, Tank Capacity and Fuel Economy.



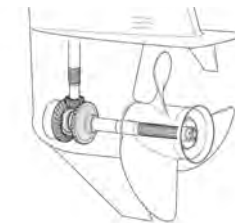
Extra Long Mounting

The engine utilises a large saddle bracket with long span mounting for extra strength and durability required by the F70's performance.



16-valve, in-line 4 cyl, SOHC, EFI

The F70's advanced, lightweight powerhead design features a single overhead camshaft (SOHC) with four valves per cylinder, for maximum power and efficiency. A large intake valve area with lightweight pistons and valves give class-leading horsepower-per-litre.



Special high gear ratio 2.33

The Yamaha F70 provides outstanding 'out of the hole' acceleration, thanks in part to the lower gearcase design which features a high gear ratio of 2.33:1. The extra toughness comes from the fact that all gears (Forward, Reverse and pinion) are specially hardened for increased durability.

**Maximum enjoyment.
Minimum emissions.**



F60 // F50

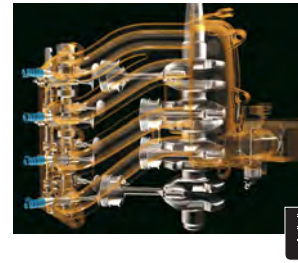


Some features shown may be optional or not apply to all engines in this series. Please check with your dealer.

Ideal for towing skiers or wakeboarders, the compact F60 and F50 let you have fun on the water with a clear conscience – they're the cleanest and most economical engines in their class.

Yamaha's Electronic Fuel Injection system (EFI) ensures cleaner performance and efficient consumption of fuel, all in an engine that delivers impressive power and serious torque in the mid-ranges and high top speeds.

The F60 and F50 also include a number of unique Yamaha features, each designed to provide a smooth, comfortable and enjoyable ride. Among them are the Wide Range Power Trim & Tilt system, giving you full, relaxed control – and PrimeStart™ ignition – as effortless as starting a car.



Ultra-smooth 4-cylinder refinement - with EFI

Whether strokes or cylinders, Yamaha understands the power of Four! Which is how the world's pioneer in 4-stroke technology has brought added refinement to the 4-cylinder configuration with a powerful long stroke design for the EFI-equipped F50 and F60 - to deliver ultra-smooth, usable power with low noise and vibration levels.



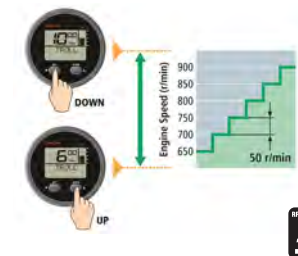
Yamaha Customer Outboard Protection (Y-COP)

The Y-COP immobiliser system is simple, easy to use and highly effective – a neat and simple remote control locks and unlocks the engine's ignition system at the push of a button. This prevents your outboard engine being taken for an unauthorised joyride, offering you peace of mind when leaving your boat unattended. Y-COP is optional on all four cylinder engines.



Yamaha Digital Network Gauges

The F50/F60 are compatible with our Digital Network Gauges, which deliver the information needed to maximise engine performance and efficiency, including a Multifunction Tachometer with RPM, Hours Run, Trim Angle, Oil Pressure, Warning lamps and Variable RPM control - and a Speed/Fuel Management Gauge with Speed, Tank Capacity and Fuel Economy.



Variable Trolling speed control

With the press of a button on the optional Digital Network's Tachometer – or via the variable trolling speed switch on the optional multi-function tiller handle – the driver can adjust the engine speed for relaxed trolling, in precise steps of 50 RPM, between 650 and 900 RPM.

**Peace of mind
as standard**



F40 // F30



Some features shown may be optional or not apply to all engines in this series. Please check with your dealer.

The lightweight F40 and F30 are designed for simple installation and ease of use, and they're packed with reliable, dependable power too.

Yamaha's Electronic Fuel Injection system (EFI) delivers impressive power at high speeds, plus real mid-range punch and torque – along with outstanding economy. PrimeStart™ makes starting up as effortless as it is in your car – and since this is a Yamaha, that means first time, every time. Our unique Wide Range Power Trim & Tilt system then lets you take full control.



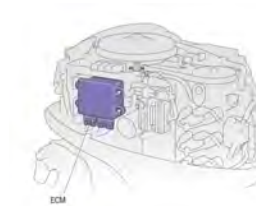
Digital Network Gauges

The F40 and F30 are compatible with Yamaha's Digital Network Gauges, giving you the information needed to maximise engine performance and efficiency, including a Multifunction Tachometer with RPM, Hours Run, Trim Angle, Oil Pressure, Warning lamps and Variable speed control - and a Speed/Fuel Management Gauge with Speed, Tank Capacity and Fuel Economy.



Multi-Point EFI system

These models use a range of innovative and advanced technologies to optimise the combustion process, including Yamaha's proven Multi-Point EFI system with vapour reduction. They work in partnership with a micro-computer which analyses and adjusts the fuel/air mixture for instant starting, excellent throttle response and clean, efficient combustion.



Electronic Control Module

Like all EFI outboards made by Yamaha, the F30 and F40 utilise a powerful ECM unit that controls the engine and provides NMEA 2000 compatible data to Yamaha's Digital Network.



Wide Range Power Trim & Tilt

Discover the versatility and power of a Yamaha engine. Quick response, via push-button control, makes trim and tilt adjustments swift, smooth and easy. The confidence-giving handling control provided by the wide trim range includes negative trim settings to improve acceleration and help bring the boat onto the plane quickly.

Harness one of our
High-Thrust workhorses



FT60 // FT50 // FT25



Some features shown may not apply to all engines in this series. Please check with your dealer.

When you want raw power and precise handling, our FT models are the perfect answer. Ideal for sailing, fishing and utility boats, these high-thrust, high-torque engines set high standards of performance, with minimal noise and vibration – and maximum fuel economy.

FT models use an enhanced gear ratio and Yamaha's patented Dual-Thrust propeller to provide full thrust in Forward and Reverse – making light work of manoeuvring a heavy boat.

CDI Micro-computer Ignition offers easy starting and reliability whatever the conditions, and high-output alternators provide extra starting power, even after long periods at low RPM. FT Series engines are like powerful workhorses - designed never to let you down.



Digital Network Gauges

These High Thrust engines are compatible with Yamaha's Digital Network Gauges, giving you the information needed to maximise engine performance and efficiency, including a Multi-function Tachometer with RPM, Hours Run, Trim Angle, Oil Pressure, Warning lamps and Variable speed control - and a Speed/Fuel Management Gauge with Speed, Tank Capacity and Fuel Economy.



Yamaha Customer Outboard Protection (Y-COP)

The Y-COP immobiliser system is simple, easy to use and highly effective – a neat and simple remote control locks and unlocks the engine at the push of a button. This prevents your outboard engine being taken for any unauthorised joyrides, offering you peace of mind when leaving your boat unattended. Y-COP is optional on the FT60/FT50.



Multi-Point EFI system

These models use a range of innovative and advanced technologies to optimise the combustion process, including Yamaha's proven Multi-Point EFI system with vapour reduction. They work in partnership with a micro-computer which analyses and adjusts the fuel/air mixture for instant starting, excellent throttle response and clean, efficient combustion.



Wide Range Power Trim & Tilt

Discover the versatility and power of a Yamaha engine. Quick response, via push-button control, makes trim and tilt adjustments swift, smooth and easy. The confidence-giving handling control provided by the wide trim range includes negative trim settings to improve acceleration and help bring the boat onto the plane quickly.

Portable Outboards



Built-in fuel tank

The fuel tank is integrated inside the cowling, eliminating the need for a separate tank and fuel pipe. It obviously saves space inside the boat too.



180°/360° steering

180°/360° steering angle on these engines offers the driver exceptional control and manoeuvrability for tight turns and for docking.



Vertical storage position

The resting pads integrated into the bottom cowling allow the motor to be stored on its back, providing greater convenience for engine storage.



3-position leak-free storage

Yamaha's exclusive oil-leak-free system provides great convenience, allowing the engine to be stored in 3 different positions without the possibility of fuel or oil leakage.



Front-mounted shift lever

On applicable models, the shift lever is conveniently located at the front of the engine, making for easy accessibility and comfortable operation.



PrimeStart™

Start from cold as easily as in your car, by simply turning the key! Exclusive to Yamaha, PrimeStart™ eliminates the need for a conventional choke. Standard on F15 and up.



2-way fuel supply

This helpful feature provides added convenience by allowing you to choose between using the built-in fuel tank for short trips or a separate fuel tank for longer cruising.



Dual thrust propeller

A large diameter, low pitch propeller, designed to maximize thrust in forward gear and also in reverse by re-directing the exhaust flow, it also improves manoeuvrability and pulling power, especially on heavier boats.



**The Yamaha
Difference**



Light-load manual starter

Helps make lighter work of starting on models with manual recoil starters by reducing the pulling load required. Less effort – more convenience.



Shallow Water Drive

This standard feature, which is standard on the F4 and up, is a real help when manoeuvring at low speed in shallow water. There's also less risk of damaging the propeller or going aground.



Light, tough
and reliable



F20 // F25



Some features shown may not apply to all engines in this series. Please check with your dealer.

This legendary twin cylinder, 4-stroke portable is now around 25% lighter! Open the throttle of our brand new F20 and F25 and you'll immediately feel the effect of Yamaha's innovative technologies at work, delivering big-engine features with unique power-to-weight performance and outstanding economy.

The specification now includes two resting pads (side and rear), improved carry handles, battery-less EFI and full compatibility with our Digital Network Gauges.

With its single-lever steering friction adjustment, new wide-span motor mount, high-output alternator and options of Variable Trolling Speed, Y-COP Security and Wide Range Power Trim & Tilt, the F20 and F25 are the natural choice.



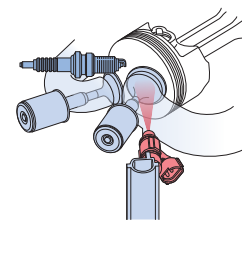
Latest, one-piece top cowling design

Instantly recognisable as a brand new Yamaha, this smart engine features our latest one-piece cowling, with stylish graphics and a solid feel that any owner will appreciate. A cleverly designed water-draining air intake duct is built into the cowling too.



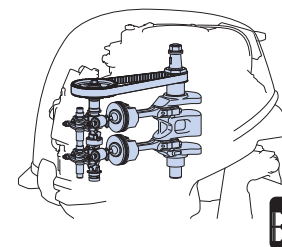
Compatible with Yamaha's Digital Network Gauges

You'll find the new F25 very easy to handle and comfortable to drive, thanks to its many new features. Remote control models for example, are fully compatible with our advanced Digital Network system, which offers the driver a comprehensive selection of information, as well as a more precise and relaxing level of control.



Easy starting, security - and VTS

Starting - even from cold or after storage - really is as easy as starting a car. Exclusive to Yamaha, the combination of our legendary PrimeStart™ and new battery-less EFI systems ensures that your engine fires up first time, every time. What's more, you can choose VTS (Variable Trolling Speed) and Y-COP immobiliser security options too.



Unique power-to-weight performance

This new-generation twin cylinder, 4-valve engine is around 25% lighter, delivering unprecedented power for such a portable unit. Easy starting and smooth running are assured by the battery-less EFI system and a choice of electric, manual or electric/manual starting options are available.

**Small in size.
Big on power.**





Some features shown may not apply to all engines in this series. Please check with your dealer.

If you're looking for the winning combination of easy handling and great control, look no further than the F15.

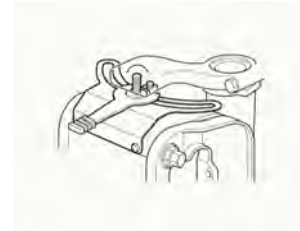
Versatile twin-cylinder, 4-stroke engines, they combine power and responsiveness to deliver an always-smooth ride. Standout fuel economy also means that they're kinder to the environment, with exhaust emissions cut to a minimum.

Enjoy the extras that a Yamaha outboard also brings, benefits – such as computer-controlled ignition, a special light-load starting system, a water-cooled fuel pump, and a large-volume silencer – normally only found on larger engines. For commercial, professional or leisure use, this all adds up to a winning formula.



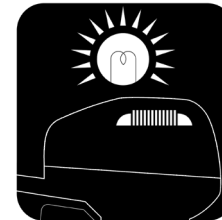
PrimeStart™

Start your outboard engine as easily as starting a car – even from cold. Exclusive to Yamaha, the PrimeStart™ system ensure that the engine fires first time, every time you engage either the Electric or Manual Start.



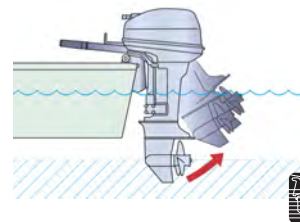
Steering friction

You'll find the F15 very easy to control and comfortable to drive, thanks to their many features - from the front-mounted shift lever and single-lever steering friction adjuster to the light-load recoil starter. A built-in handle on the steering bracket and resting pads on the rear, make for convenient handling and portability too.



High-output alternator

Never get left short. A High-output alternator ensures that power is always available to start the engine – even after prolonged periods of idling or when you've been running at low revs and using numerous accessories.



Shallow Water Drive system

Cruise towards the shore with confidence thanks to Yamaha's Shallow Water Drive system. Offering ample protection for your propeller, it allows you to get as close as you need to be, no matter whether you're cruising a murky lake or the crystal clear shallows of the sea.



**Our lightweight
heavyweights**



FT9.9 // F9.9 // F8



Some features shown may not apply to all engines in this series. Please check with your dealer.

Packing more power on the water doesn't have to mean dragging a heavy outboard onto your boat because the lightweight F8, F9.9 and FT9.9 are perfectly portable. Their comfortable-to-use, integrated carrying handles help too.

Discover the joys of whisper-quiet operation and excellent fuel economy, now blended with even more of our smooth, reliable power. Yamaha's CDI Ignition System ensures reliable, first-time start-up, so with the twist-grip throttle and F-N-R gear system, it all adds up to easy, safe handling.

These FT models feature is ideal for sailing, fishing and working boats, these high-thrust, high-torque engines set new standards of performance, with minimal noise and vibration – and maximum fuel economy.



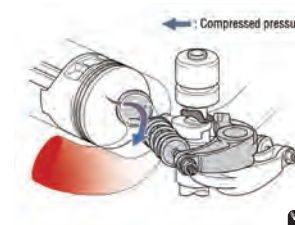
Latest-generation engine design - and more power

These engines are very compact and efficient, with twin cylinder, SOHC (Single Overhead Camshaft) configuration - and a stylish new compact design top cowling in the style of our latest-generation engines.



Advanced tiller handle design and controls

On these latest models, an ergonomic design approach has been adopted for the tiller handle and controls. The handle is a very convenient length and the shift lever is ideally positioned on the handle itself, within easy reach, for confident and relaxed control. The easy-fold arrangement makes carrying and storage more convenient.



Easy Starting

Manual pull start engines feature a decompressor device that allows the engine to be spun over quickly for easy starting.



High Thrust FT9.9

High Thrust models are ideal for displacement hulls where pushing power is required. The large gearbox accepts High Thrust and Dual Thrust props with oversize blades.

Easy-to-carry
Easy-to-enjoy



F6 // F5 // F4



Some features shown may not apply to all engines in this series. Please check with your dealer.

These engines, with their smart, stylish looks, are so light and easy to handle, that carrying one between the shore and the deck of your main boat is a breeze. The F4, F5 and F6 are convenient to store and use, offering the power you need to hit the water with confidence.

Compact size, large carrying handles and built-in fuel tanks enhance their portability – and start-up is easy with Yamaha's CDI Ignition System. Low fuel consumption, simple controls and low noise and vibration levels, along with Yamaha reliability, come as standard.

For families wanting to get on the water easily - or a yacht owner wanting a handy auxiliary - the F4, F5 and F6 offer the smart solution.



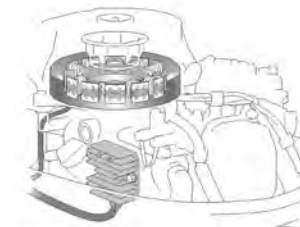
3-position storage system prevents oil leaks

When taking your engine to and from the water - or storing it - the last thing you need is a messy oil leak. Yamaha's unique engine breather system allows the engine to be stored on its front or either side without danger of oil leaking onto your dock or deck - or into the boat locker or car boot.



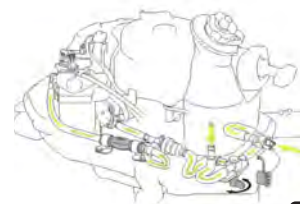
Easy and comfortable to carry - ashore or on board

When you want to get out on to the water quickly, easy portability is important - and the F4, F5 and F6 are the ultimate in portable power, with their compact shape and large, comfortable carry handles. So these engines are easy to take down to the water - or to lift on to your main boat as an auxiliary.



Lighting Coil

An optional bolt-on lighting coil and regulator/rectifier provides a reliable 12 Volt, 6 Amp power supply for charging batteries.



Switchable Fuel Supply

A convenient built-in fuel tank is ideal for short journeys. Simply plug in a remote fuel tank and switch the tap for longer trips.



**Just pick it up
and go – it's your
portable power!**



F2.5



Some features shown may not apply to all engines in this series. Please check with your dealer.

The remarkably compact F2.5 is the perfect way to get out and enjoy the water, turning even the shortest boat ride into an enjoyable adventure.

This popular portable, with its stylish shape, is both clean and quiet, with a host of user-friendly features. It's packed full of pioneering Yamaha technology - and packs a punch too - offering plenty of power, superb handling and easy manoeuvrability. It also makes the ideal auxiliary engine for yacht owners.

A choice of convenient storage positions, a handy see-through fuel tank and simple, intuitive controls, all within easy reach - along with a large and comfortable carry-handle - make this 4-stroke the smartest choice of all.



New looks - and new combustion efficiency

Hidden away under the smart round cowling, with its three-position storage capability (stand it on either side or on the front) are a host of engine technologies that make the F2.5 run smoothly and reliably. Its supreme combustion efficiency makes this remarkable engine both quiet and economical - with very low exhaust emissions.



Convenient user-friendly gear and throttle controls

A full size shift lever is normally found only on larger engines, but the ability to engage gear so easily and precisely is a real plus for the F2.5. In fact, the convenient positioning of all the key controls, combined with the ease and precision of the 360° steering system, helps put ultimate control at your fingertips.



360° steering for instant direction changes

The first time you take the F2.5 out on the water, you'll quickly appreciate how agile it is. The full 360° steering offers exceptional manoeuvrability and means full reverse thrust is always available without having to shift gears. In addition, the large rear carrying handle is very convenient for steering in reverse.



Built-in see-through fuel tank

When you plan a trip, it's nice to know you'll have room for all the necessary gear. To give you more space inside your boat, the F2.5 has a built-in fuel tank, eliminating the need for a separate one on the floor. What's more, the tank is a special see-through design that allows you to keep an easy check on the fuel level at all times.

**Just switch on
and take off**



M20 // M18 // M12



	M20	M18	M12
Static (kg)	20.4	16.3	13.6
Amp. draw*	42	36	30
Voltage	12	12	12
Shift	Twist & Tilt	Twist & Tilt	Twist & Tilt
Shaft	914 mm	914 mm	762 mm
Weight (kg)	10	8	7
Bracket twist	Yes	Yes	Yes
Composite shaft	Yes	Yes	Yes
Pulse width modulation	No	No	No

Just switch on and take off

A Yamaha Electric Drive is the most convenient, environment-friendly way to power a small boat.

Incredibly simple to use, each 12V unit has an adjustable bracket for quick, easy fitting, so you can just go straight out, switch on and have fun. The M20 features a twist-on hand control, offering a tilt angle of up to 45°, extending up to 15cm, and with a comfortable contoured grip.

They're built tough too, with permanent magnet motors, damage-resistant casings and coatings, and special composite drive shafts that won't bend, break or corrode in normal use. A power propeller maximises thrust and resists trailing weeds and other underwater debris.



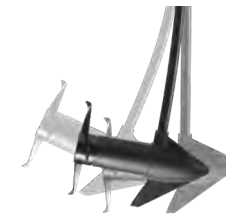
Twist-on hand control (M20)

Benefit from an enhanced level of versatility with the Tilt/Extend Tiller handle, found on the M20. Offering tilt up to 45°, and extension up to 15cm, it's easy to adjust to any situation or style of fishing. Both the M20 also features a comfortable contoured grip.



Versatile steering tension control (M20)

An innovative collar, above the engine mount, makes it easy to adjust steering tension to the level you prefer. Keep it loose for effortless steering, or tighten it down to keep the engine in place, allowing for true vertical stowing.



Indestructible composite shaft

Our ultra-high-yield composite shafts are stronger than steel, virtually indestructible and flex on impact, before returning to their original position. They won't kink, break, rust or corrode.



Cool, quiet power

The extra large windings and commutators dissipate heat, resulting in cooler operation, extended battery power and longer motor life, while the unique bearing system reduces friction to cut fish-spooking noise. You'll be so quiet, they'll never hear you coming.

Specifications

Engine	F300B	F250D	F225F	F200G	F200F	F175A / C	F150G	F150D
Engine type	4-stroke	4-stroke	4-stroke	4-stroke	4-stroke	4-stroke	4-stroke	4-stroke
Displacement	4,169 cm ³	4,169 cm ³	4,169 cm ³	2,785cc	2,785cc	2,785cc	2,785cc	2,670 cm ³
No. of cylinders/ Configuration	V6 (60°), 24-valve, DOHC with VCT	V6 (60°), 24-valve, DOHC with VCT	V6 (60°), 24-valve, DOHC with VCT	4/In-line, 16-valve, DOHC with VCT	4/In-line, 16-valve, DOHC with VCT	4/In-line, 16-valve, DOHC	4/In-line, 16-valve, DOHC	4/In-line, 16-valve, DOHC
Bore x stroke	96.0 mm x 96.0 mm	96.0 mm x 96.0 mm	96.0 mm x 96.0 mm	96.0 mm x 96.2 mm	96.0 mm x 96.2 mm	96.0 mm x 96.2 mm	96.0 mm x 96.2 mm	94.0 mm x 96.2 mm
Prop shaft output at mid range	220.6kW / 5,500 rpm	183.8kW / 5,500 rpm	165.5kW / 5,500 rpm	147.1kW / 5,500 rpm	147.1kW / 5,500 rpm	128.7kW / 5,500 rpm	110.3kW / 5,500 rpm	110.3kW / 5,500 rpm
Full Throttle Operating Range	5,000 - 6,000 rpm	5,000 - 6,000 rpm	5,000 - 6,000 rpm	5,000 - 6,000 rpm	5,000 - 6,000 rpm	5,000 - 6,000 rpm	5,000 - 6,000 rpm	5,000 - 6,000 rpm
Lubrication system	Wet sump	Wet sump	Wet sump	Wet sump	Wet sump	Wet sump	Wet Sump	Wet sump
Fuel Induction System	EFI	EFI	EFI	EFI	EFI	EFI	EFI	EFI
Ignition / Advance system	TCI	TCI	TCI	TCI	TCI	TCI	TCI	TCI
Starter system	Electric with Prime Start™	Electric with Prime Start™	Electric with Prime Start™	Electric with Prime Start™	Electric with Prime Start™	Electric with Prime Start™	Electric with Prime Start™	Electric with Prime Start™
Gear ratio	1.75 (21/12)	1.75 (21/12)	1.75 (21/12)	1.86 (26/14)	1.86 (26/14)	1.86 (26/14)	2.00 (28/14)	2.00 (28/14)
Dimensions								
Transom height	X:643mm U:770mm	X:643mm U:770mm	X:643mm U:770mm	X:643mm	L:516mm X:643mm	L:516mm X:643mm	L:516mm X643mm	L:516mm X643mm
Weight with propeller	F300BETX: 260.0 kg, FL300BETX: 260.0 kg, F300BETU: 268.0 kg, FL300BETU: 268.0 kg	F250DETX: 260.0 kg, FL250DETX: 260.0 kg, F250DETU: 268.0 kg, FL250DETU: 268.0	F225FETX: 260.0 kg, FL225FETX: 260.0 kg, F225 FETU: 268.0 kg	F200GETX: 227.0 kg, FL200GETX:227.0 kg	F200FETL: 226.0 kg, F200FETX:227.0 kg, FL200FETX:227.0 kg	F175AETL: 224 kg, F175AETX:225 kg, F175CETL: 226 kg, F175CETX: 227 kg FL175CETX: 227 kg	F150GETL: 226.0 kg, F150GETX: 227.0 kg, FL150GETX: 227.0 kg	F150DETL: 222.0 kg, FL150DETL: 222.0 kg, F150DETX: 227.0 kg, FL150DETX: 227.0 kg
Fuel tank capacity	-	-	-	-	-	-	-	-
Oil pan capacity	6.3 litres	6.3 litres	6.3 litres	4.5 litres	4.5 litres	4.5 litres	4.5 litres	4.5 litres
Additional features								
Control	Drive By Wire (DBW)	Drive By Wire (DBW)	Drive By Wire (DBW)	Drive By Wire (DBW)	Remote Control	Remote Control (A) Drive By Wire (DBW) (C)	Drive By Wire (DBW)	Remote Control
Trim & Tilt method	Power Trim & Tilt	Power Trim & Tilt	Power Trim & Tilt	Power Trim & Tilt	Power Trim & Tilt	Power Trim & Tilt	Power Trim & Tilt	Power Trim & Tilt
Light coil / Alternator Output	12V - 70A with rectifi- er/regulator	12V - 70A with rectifi- er/regulator	12V - 70A with rectifi- er/regulator	12V - 50A with rectifier/regulator	12V - 50A with rectifier/regulator	12V - 50A with rectifier/regulator	12V - 50A with rectifier/regulator	12V - 35A with rectifi- er/regulator
Tilt limiter (only for remote control specs)	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Engine immobilizer (YCOP)	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Propeller	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Counter Rotation Model	Available (ETX, ETU)	Available (ETX, ETU)	Available (ETX)	Available (ETX)	Available (ETX)	-	Available (ETX)	Available (ETL, ETX)
Shallow Water Drive	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Digital Network Gauge II (6Y9)	Optional	Optional	Optional	Optional	-	-	Optional	-
Digital Network Gauge (6Y8/6YC)	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Variable Trolling RPM	With DN Gauges	With DN Gauges	With DN Gauges	With DN Gauges	With DN Gauges	With DN Gauges	With DN Gauges	-
Dual Battery Charging System	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Shift Dampener System (SDS)	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional

The kW data in this sheet is based on the ICOMIA 28 standard, measured at the prop shaft

Specifications

Engine	F130A	F115B	F100F	F80D	F70A	FT60	F60F	FT50	F50H
Engine type	4-stroke	4-stroke	4-stroke	4-stroke	4-stroke	4-stroke	4-stroke	4-stroke	4-stroke
Displacement	1,832 cm ³	1,832 cm ³	1,832 cm ³	1,832 cm ³	996 cm ³	996 cm ³	996 cm ³	996 cm ³	996 cm ³
No. of cylinders/ Configuration	4/In-line, 16-valve, DOHC	4/In-line, 16-valve, DOHC	4/In-line, 16-valve, DOHC	4/In-line, 16-valve, SOHC	4/In-line, 16-valve, SOHC	4/In-line, SOHC	4/In-line, SOHC	4/In-line, SOHC	4/In-line, SOHC
Bore x stroke	81.0 mm x 88.9 mm	81.0 mm x 88.9 mm	81.0 mm x 88.9 mm	81.0 mm x 88.9 mm	65.0 mm x 75.0 mm	65.0 mm x 75.0 mm	65.0 mm x 75.0 mm	65.0 mm x 75.0 mm	65.0 mm x 75.0 mm
Prop shaft output at mid range	95.6kW / 6,300 rpm	84.6kW / 5,800 rpm	73.5kW / 5,500 rpm	58.8kW / 5,500 rpm	51.5kW / 5,800 rpm	44.1kW / 5,500 rpm	44.1kW / 5,500 rpm	36.8kW / 5,500 rpm	36.8kW / 5,500 rpm
Full Throttle Operating Range	5,300 - 6,300 rpm	5,300 - 6,300 rpm	5,000 - 6,000 rpm	5,000 - 6,000 rpm	5,300 - 6,300 rpm	5,000 - 6,000 rpm	5,000 - 6,000 rpm	5,000 - 6,000 rpm	5,000 - 6,000 rpm
Lubrication system	Wet sump	Wet sump	Wet sump	Wet sump	Wet sump	Wet sump	Wet sump	Wet sump	Wet sump
Fuel Induction System	EFI	EFI	EFI	EFI	EFI	EFI	EFI	EFI	EFI
Ignition / Advance system	TCI	TCI	TCI	TCI	TCI	CDI	TCI	CDI	TCI
Starter system	Electric with Prime Start™	Electric with Prime Start™	Electric with Prime Start™	Electric with Prime Start™	Electric with Prime Start™	Electric	Electric with Prime Start™	Electric	Electric with Prime Start™
Gear ratio	2.15 (28/13)	2.15 (28/13)	2.15 (28/13)	2.15 (28/13)	2.33 (28/12)	2.33 (28/12)	1.85 (24/13)	2.33 (28/12)	1.85 (24/13)
Dimensions									
Transom height	L:516mm X643mm	L:516mm X:643mm	L:516mm X:643mm	L:516mm X:643mm	L:534mm X:648mm	L:530mm X:644mm	L:527mm	L:530mm	L:527mm
Weight with propeller	F130AETL: 174.0 kg, F130AETX: 178.0 kg	F115BETL: 173.0 kg, F115BETX: 177.0 kg, FL115BETX: 177.0 kg	F100FETL: 162.0 kg, F100FETX: 166.0 kg	F80DETL: 162.0 kg, F80DETX: 166.0 kg	F70AETL: 119.0 kg, F70AETX: 121.0 kg	FT60GETL: 125.0 kg, FT60GETX: 127.0 kg	F60FETL: 114.0 kg	FT50JETL: 125.0 kg	F50HETL: 114.0 kg, F50HEDL: 107.0 kg
Fuel tank capacity	-	-	-	-	separate, 25 litres	separate, 25 litres	separate, 25 litres	separate, 25 litres	separate, 25 litres
Oil pan capacity	3.2 litres	3.2 litres	3.2 litres	3.2 litres	2.1 litres	2.1 litres	2.1 litres	2.1 litres	2.1 litres
Additional features									
Control	Remote Control	Remote Control	Remote Control	Remote Control	Remote Control	Remote Control	Remote Control	Remote Control	Remote Control
Trim & Tilt method	Power Trim & Tilt	Power Trim & Tilt	Power Trim & Tilt	Power Trim & Tilt	Power Trim & Tilt	Power Trim & Tilt	Power Trim & Tilt	Power Trim & Tilt	Power Trim & Tilt (ET), Hydro tilt assist (ED)
Light coil / Alternator Output	12V - 35A with rectifi- er/regulator	12V - 35A with rectifi- er/regulator	12V - 35A with rectifi- er/regulator	12V - 35A with rectifi- er/regulator	12V - 15A with rectifier/regulator	12V - 16A	12V - 16A with rectifier/regulator	12V - 16A	12V - 16A with rectifier/regulator
Tilt limiter (only for remote control specs)	Option	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Engine immobilizer (YCOP)	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Propeller	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Counter Rotation Model	-	Available (ETX)	-	-	-	-	-	-	-
Shallow Water Drive	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Digital Network Gauge II (6Y9)	-	-	-	-	-	-	-	-	-
Digital Network Gauge (6Y8/6YC)	Option	Optional	Optional	Optional	Optional	-	Optional	-	Optional
Variable Trolling RPM	With DN Gauges	With DN Gauges or m-f tiller handle	With DN Gauges or m-f tiller handle	With DN Gauges or m-f tiller handle	With DN Gauges or m-f tiller handle	-	With DN Gauges or m-f tiller handle	-	With DN Gauges or m-f tiller handle
Dual Battery Charging System	-	-	-	-	-	-	-	-	-
Shift Dampener System (SDS)	Option	Optional	Optional	Optional	Optional	Optional	-	Optional	-

Specifications

Engine	F40F	F30B	FT25	F25G	F20G	F15C	FT9-9	F9-9J
Engine type	4-stroke	4-stroke	4-stroke	4-stroke	4-stroke	4-stroke	4-stroke	4-stroke
Displacement	747 cm³	747 cm³	498 cm³	432 cm³	432 cc	362 cm³	212 cm³	212 cm³
No. of cylinders/ Configuration	3/In-line, SOHC	3/In-line, SOHC	2/In-line, SOHC	2/In-line, SOHC	2/In-line, SOHC	2/In-line, SOHC	2/In-line, SOHC	2/In-line, SOHC
Bore x stroke	65.0 mm x 75.0 mm	65.0 mm x 75.0 mm	65.0 mm x 75.0 mm	65.0 mm x 65.1 mm	65.0 mm x 65.1 mm	63.0 mm x 58.1 mm	56.0 mm x 43.0 mm	56.0 mm x 43.0 mm
Prop shaft output at mid range	29.4kW / 5,500 rpm	22.1kW / 5,500 rpm	18.4kW / 5,500 rpm	18.4kW / 6,000 rpm	14.7kW / 5,500 rpm	11.0kW / 5,500 rpm	7.3kW / 5,500 rpm	7.3kW / 5,500 rpm
Full Throttle Operating Range	5,000 - 6,000 rpm	5,000 - 6,000 rpm	5,000 - 6,000 rpm	5,000 - 6,000 rpm	5,000 - 6,000 rpm	5,000 - 6,000 rpm	5,000 - 6,000 rpm	5,000 - 6,000 rpm
Lubrication system	Wet sump	Wet sump	Wet sump	Wet sump	Wet sump	Wet sump	Wet sump	Wet sump
Fuel Induction System	EFI	EFI	1-Carb	EFI	EFI	1-Carb	1-Carb	1-Carb
Ignition / Advance system	CDI	CDI	CDI	CDI	CDI	CDI	CDI	CDI
Starter system	Electric with Prime Start™	Electric with Prime Start™	Electric	Manual (MH), Manual/ Electric (WH) Electric (E, ET), with prime start™	Manual (MH), Manual/ Electric (WH), Electric (E, EP) with Prime Start™	Electric (E, EH, EP), Manual (MH) with prime start™	Manual (MH), Electric (E, EP)	Manual (MH), Electric (E)
Gear ratio	2.00 (26/13)	2.00 (26/13)	2.42 (29/12)	2.08 (27/13)	2.08 (27/13)	2.08 (27/13)	2.92/(38/13)	2.08 (27/13)
Dimensions								
Transom height	S:414mm L:536mm	S:414mm L:536mm	L:536mm	S:424mm L:551mm	S:429mm L:556mm	S:438mm L:565mm	L:552mm X:620mm	S:431mm L:558mm
Weight with propeller	F40FEDL: 95.0 kg, F40FEHDS: 97.0 kg, F40FEHDL: 102.0 kg, F40FETS: 94.0 kg, F40FETL: 98.0 kg	F30BEHDL: 102.0 kg, F30BETS: 94.0 kg, F30BETL: 98.0 kg	FT25FETL: 92.0 kg	F25GMHS: 57.0 kg, F25GMHL: 59.0 kg, F25GES: 56.0 kg, F25GEL: 58.0 kg, F25GETL: 64.0 kg, F25GWHS: 60.0 kg, F25GWHL: 62.0 kg,	F20GMHS: 57.0kg, F20GMHL: 59.0kg, F20GES: 56.0kg, F20GEL: 58.0kg, F20GWHL: 62.0kg, F20GEPS: 61.0kg F20GEPL: 63.0kg	F15CMHS: 51.0 kg, F15CMHL: 53.0 kg, F15CES: 52.0 kg, F15CEL: 54.0 kg, F15CEHL: 56.0 kg, F15CEPL: 60.0 kg	FT9.9LMHL: 46.0 kg, FT9.9LMHX: 47.0 kg, FT9.9LEL: 45.0 kg, FT9.9LEX: 44.0 kg, FT9.9LEPL: 49.0 kg	F9.9JMHS: 40.0 kg, F9.9JMHL: 41.0 kg, F9.9JES: 42.0 kg F9.9JEL: 43.0 kg
Fuel tank capacity	Separate, 25 litres	Separate, 25 litres	Separate, 25 litres	Separate, 25 litres	separate, 25 litres	Separate, 25 litres	Separate, 12 litres	Separate, 12 litres
Oil pan capacity	1.7 litres	1.7 litres	1.6 litres	1.1 litres	1.1 litres	1.8 litres	0.8 litres	0.8 litres
Additional features								
Control	Tiller handle (EHD), Remote control (ET + ED)	Tiller handle (EHD), Remote control (ET)	Remote Control	Tiller handle (MH, WH), Remote control (E, ET)	Tiller handle (MH, WH), Remote control (E, EP)	Tiller handle (MH, EH), Remote control (E, EP)	Tiller handle (MH), Remote control (E, EP)	Tiller handle (MH), Remote control (E)
Trim & Tilt method	Power Trim & Tilt (ET), Hydro tilt assist (ED + EHD)	Power Trim & Tilt (ET), Hydro tilt assist (EHD)	Power Trim & Tilt	Power Trim & Tilt (ET), Manual Tilt (MH, E, WH)	Power Tilt (EP), Manual (MH, E, WH)	Power Tilt (EP), Manual (MH, EH, E)	Manual Tilt (MH, E), Power Tilt (EP)	Manual
Light coil / Alternator Output	12V - 17A with rectifier/ regulator	12V - 17A with rectifier/ regulator	12V - 14A	12V - 16A with rectifier/ regulator	12V - 16A with rectifier/ regulator	12V - 10A with rectifier/ regulator **	12V - 6A *optional **	12V - 6A with rectifier/ regulator **
Tilt limiter (only for remote control specs)	-	-	-	-	-	-	-	-
Engine immobilizer (YCOP)	Optional	Optional	-	Optional	Optional	-	-	-
Propeller	Optional	Optional	Included	Included (MH), Optional (E, ET, WH)	Included (MH, WH), Optional (E, EP)	Included	Included	Included
Counter Rotation Model	-	-	-	-	-	-	-	-
Shallow Water Drive	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Digital Network Gauge II (6Y9)	-	-	-	-	-	-	-	-
Digital Network Gauge (6Y8/6YC)	Optional	Optional	-	Optional	Optional	-	-	-
Variable Trolling RPM	With DN Gauges or m-f tiller handle	With DN Gauges or m-f tiller handle	-	With DN Gauges or m-f tiller handle	With DN Gauges or m-f tiller handle	-	-	-
Dual Battery Charging System	-	-	-	-	-	-	-	-
Shift Dampener System (SDS)	-	-	-	-	-	-	-	-

Specifications

Engine	FT8	F8F	F6C	F5A	F4B	F2.5B
Engine type	4-stroke	4-stroke	4-stroke	4-stroke	4-stroke	4-stroke
Displacement	212 cm ³	212 cm ³	139 cm ³	139 cm ³	139 cm ³	72 cm ³
No. of cylinders/ Configuration	2/In-line,SOHC	2/In-line, SOHC	1, OHV	1, OHV	1, OHV	1, OHV
Bore x stroke	56.0 mm x 43.0 mm	56.0 mm x 43.0 mm	62.0 mm x 46.0 mm	62.0 mm x 46.0 mm	62.0 mm x 46.0 mm	54.0 mm x 31.5 mm
Prop shaft output at mid range	5.9kW / 5,500 rpm	5.9kW / 5,500 rpm	4.4kW / 5,000 rpm	3.7kW / 5,000 rpm	2.9kW / 4,500 rpm	1.8kW / 5,500 rpm
Full Throttle Operating Range	5,000 - 6,000 rpm	5,000 - 6,000 rpm	4,500 - 5,500 rpm	4,500 - 5,500 rpm	4,000 - 5,000 rpm	5,250 - 5,750 rpm
Lubrication system	Wet sump	Wet sump	Wet sump	Wet sump	Wet sump	Splash
Fuel Induction System	1-Carb	1-Carb	1-Carb	1-Carb	1-Carb	1-Carb
Ignition / advance system	CDI	CDI	CDI	CDI	CDI	TCI
Starter system	Manual (MH), Electric (E, EP)	Manual	Manual	Manual	Manual	Manual
Gear ratio	2.92 / (38/13)	2.08 (27/13)	2.08 (27/13)	2.08 (27/13)	2.08 (27/13)	2.08 (27/13)
Dimensions						
Transom height	L:552mm X:620mm	S:431mm L:558mm	S:435mm L:562mm	S:435mm L:562mm	S:435mm L:562mm	S:433mm L:560mm
Weight with propeller	FT8GMHL: 43.0 kg, FT8GMHX: 44.0 kg, FT8GEL: 44.0 kg, FT8GEX: 45.0 kg, FT8GEPL: 49.0 kg	F8FMHS: 40.0 kg, F8FMHL: 41.0 kg	F6CMHS: 27.0 kg, F6CMHL: 28.0 kg	F5AMHS: 27.0 kg, F5AMHL: 28.0 kg	F4BMHS: 27.0 kg, F4BMHL: 28.0 kg	F2.5BMHS: 17.0 kg, F2.5BMHL: 18.0 kg
Fuel tank capacity	Separate, 12 litres	Separate, 12 litres	1.1 litres (Built-in fuel tank) or optional seperate fuel tank	1.1 litres (Built-in fuel tank) or optional seperate fuel tank	1.1 litres (Built-in fuel tank) or optional seperate fuel tank	0.9 litres (Built-in fuel tank)
Oil pan capacity	0.8 litres	0.8 litres	0.6 litres	0.6 litres	0.6 litres	0.35 litres
Additional features						
Control	Tiller handle (MH), Remote control (E, EP)	Tiller handle	Tiller handle	Tiller handle	Tiller handle	Tiller handle
Trim & Tilt method	Manual Tilt (MH, E), Power Tilt (EP)	Manual	Manual	Manual	Manual	Manual
Light coil / Alternator Output	12V - 6A optional	12V - 6A with rectifier/ regulator **	12V - 6A *optional	12V - 6A *optional	12V - 6A *optional	-
Tilt limiter (only for remote control specs)	-	-	-	-	-	-
Engine immobilizer	-	-	-	-	-	-
Propeller	Included	Included	Included	Included	Included	Included
Counter Rotation Model	-	-	-	-	-	-
Shallow Water Drive	Standard	Standard	Standard	Standard	Standard	-
Digital Network Gauge II (6Y9)	-	-	-	-	-	-
Digital Network Gauge (6Y8/6YC)	-	-	-	-	-	-
Variable Trolling RPM	-	-	-	-	-	-
Dual Battery Charging System	-	-	-	-	-	-
Shift Dampener System (SDS)	-	-	-	-	-	-



Marine Casual Wear

Yamaha and marine go hand in hand, just like beautiful weather and boats, water and fun. Our Marine Casual collection has been created to strengthen this connection.



Cowes Jacket

- Made of breathable 2-Layer Ripstop Nylon, waterproof and windproof
- Thermo taped to keep you warm
- Including rollaway hood with volume adjustment
- Micro fleece lined external pockets
- Internal pocket included
- Adjustable bottom part and cuffs



Malta Gilet

- Made of lightweight Nylon Ripstop, feel soft and comfort to wear
- Features Primaloft One padding to ensure full protection from the cold, and keep you warm outside
- The front zipped pocket conveniently functions as a bag to pack your gilet in
- Elastic waist band



Dinard Hoody

- Relaxed fit
- Made of cotton mixed fabric, comfortable to wear
- Features a lined hood
- Full length zip for front opening
- Ribbed cuffs and waist
- Lower front pockets



Morgan Softshell

- A comfortable combination of front softshell and back fleece
- Front softshell is windproof and water resistant
- Back fleece is anti-pilling and breathable
- 2 front zipped lower pockets
- Features fleece lined pockets for storing your personal belongings
- Adjustable waist band and elastic cuffs



Classic Polo

- Pique polo with classy fit
- Soft pre-washed fabric with 100% cotton
- Two buttoned front opening
- Ribbed cuffs



Bermuda Shorts

- 100% soft cotton, comfortable to wear
- Reinforced back to prevent accelerated wear
- Side and back pockets
- Features reflective Yamaha logo



Invisible Engineering

Every Yamaha is engineered to run efficiently, effectively and reliably - and the best way to maintain your Yamaha's high performance and prolong component life is by using Yamalube products.

Oil is the lifeblood of internal combustion engines, and the Yamalube range includes fully and semi-synthetic oils for 2-strokes and 4-strokes, as well as special mineral and racing oils. Which means that Yamalube have the right lubricant to suit a wide range of climatic and usage conditions.

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Ensuring the best care and support

Good maintenance and regular servicing are key to keeping your Yamaha outboard in perfect condition and ensuring you stay safe and your engine stays reliable. Yamaha's Official Dealers are the best to service your outboard since they all regularly receive dedicated training on Yamaha marine products and have access to our worldwide Authorised Dealer web portal that provides the very latest data and technical information. Besides that, they have gained unique experience over the years with Yamaha outboards and are equipped with all the service tools required to look after your engine.



Warranty for added peace of mind

When you choose a Yamaha outboard you know that you have purchased an outstanding engine from one of the world's leading brands with an enviable reputation for quality, that has been hard earned over many years. We know that our outboards are built to handle the toughest conditions but of course it is possible that something could go wrong and that's why we back up all our engines from 2.5-350hp with a full 5 year* parts and labour warranty programme for leisure users, so you can rest assured that in case you should need us help is at hand.

*Terms & Conditions apply. Please see www.yamaha-marine.eu/uk for details



Yamaha Marine Cover Insurance is tailor-made for you

Marine insurance specialist Haven Knox-Johnston has created a new boat insurance policy called "Yamaha Marine Cover Insurance" available exclusively through specialist pleasure craft broker RJP Marine for all Yamaha outboard owners. The policy contains many new features and benefits for all Yamaha owners but the most significant advantages will be offered on Y-COP engines. The policy rewards Y-COP owners with several exclusive benefits including: no loss of excess and no loss of No Claims Benefit for theft of a Y-COP engine, new for old outboard replacement on engines up to 3 years old and most significantly of all, reduced premiums illustrating the significance of Y-COP to the insurers and their acknowledgement that craft fitted with Y-COP engines are less likely to be the target of thieves.

www.ymc-insuremyboat.co.uk



Parts and accessories as good as your outboard

There's not much point in buying one of the best and most reliable outboards on the water if you then use inferior parts to maintain it. At Yamaha we put the same stringent quality requirements on our spare parts and service items as we do on the actual engine itself. So you can be sure that when you use Genuine Yamaha Parts and Accessories they will give you exactly the same performance and reliability, since only these parts are 100% tested and approved by the same engineers that created our renowned outboards in the first place.



Yamalube Oils and Lubricants

The range of Yamalube oils and lubricants have been specially formulated for your outboard to give maximum protection to your engine in the tough operating conditions that you will encounter. With an extensive range of cleaners and care products also available, with Yamalube you can keep your outboard looking good and working hard. When you next book a service make sure you ask for Yamalube, the oil you can trust for your Yamaha outboard.





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