



Outboards
www.yamaha-motor.eu/uk



Yamaha Motor Europe NV 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 RNLI who have used a number of different models over the last two decades and most recently selected Yamaha F115 outboards for their new Atlantic 85 inshore rescue RIBs. The RYA, British Sailing Team also relies 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. And recently the Landrover Ben Ainslie Racing Team have chosen Yamaha to power the support boats in their bid to bring the America's Cup home. #BringtheCupHome

Yamaha Motor Europe NV 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.



Lifeboats

Yamaha is an Official Partner and supplier of outboard engines and PWC's to the RNLI.



Yamaha is the official outboard supplier to the RYA British Sailing Team for all rescue and support craft.



Yamaha is an official Technical Supplier to the Land Rover BAR team, racing for the America's Cup.



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



It's The World's Favourite Outboard... and that's a fact.

Yamaha customers all over the world love their outboards for many reasons, but they proudly tell us that one stands out above all others.

In real terms, that means delivering unmatched performance in every sense of the word, then sealing the friendship with the legendary Yamaha reputation for premium quality and sheer turnkey reliability - a unique reputation forged over many years and unmatched by any other outboard brand.

Visit any part of the world where there's water, from the busiest marina to the quietest harbour, and you will see evidence of these great friendships all around you.

Read further and discover why Yamaha is the only outboard you should buy.

Longer engine life and great value

... put that down to Yamaha's proven durability.

The unique performance and reliability mean that your investment will not be a one-season wonder.

Extra-strong, corrosion-resistant engine components and freshwater flushing facilities. Special paint and patented protective coating systems inside and out. All advantages that significantly increase the life expectancy and value retention of a Yamaha outboard when measured against any other.

We're there for you - whenever, wherever

... that's Yamaha's world class service.

To match our unique record of performance, reliability and durability, Yamaha has a customer service set-up second to none. Yamaha Authorised Dealers form a Europe-wide sales, parts and service network that offers every Yamaha owner the very best advice, expert professional assistance and technical support - wherever you may be enjoying your boating.

Customer satisfaction and peace of mind

... guaranteed by Yamaha's turnkey reliability.

Since introducing its very first outboard, the P-7, over half a century ago Yamaha has led the way in creating a range of outboards that will survive the harsh marine environment while delivering the features, reliability and performance you have come to expect from the world's number one outboard engine manufacturer: Yamaha - the world's favourite outboard.

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Why choose Yamaha?

POPULARITY



The world's favourite outboard engines

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.

RESIDUALS



Durability ensures high resale values

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.

ECONOMY



EFI gives class leading fuel economy

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.

INNOVATION



Yamaha utilises the latest technologies

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.

PROVEN



Chosen by RNLI and other professionals

When someone depends on you

Trust is an essential component of any rescue operation. If this rescue takes place at sea then there is an even greater element of trust and urgency as every minute can be critical. The RNLI rescues on average 22 people every day and often operates in the harshest marine conditions. The RNLI has been using Yamaha engines within its fleet over the last 15 years and most recently it has fitted Yamaha 4-stroke engines onto its Atlantic 85 inshore rescue craft. They deliver the performance needed to get to the scene as fast as possible. And we supply the very same engines to the RNLI which we supply to recreational boat users. Buying Yamaha is buying professional quality that performs all year round in many conditions - just ask the professionals.

PEDIGREE



Manufacturing outboards since 1960

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.

CHOICE



More choice means better suitability

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.

QUALITY



Built using Yamaha YDC-30 marine alloy

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.

BACK UP



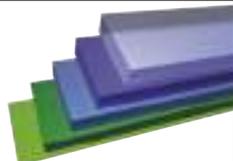
Global parts supply support network

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.

DURABILITY



5-layer paint finish protects the engine

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.



Why Choose Yamaha?

to find out the full story WHY? scan this QR code using your smart phone QR Code Reader or visit our website:

www.yamaha-motor.eu/uk/askmewhy/index.aspx



Why choose Yamaha? ...the Yamaha difference



State-of-the-art 4-stroke Technology

Many exclusive technical features set a Yamaha apart - and have helped create a unique reputation for user-friendly performance with reliability and durability. Shown here are just a few of the many advantages that create 'The Yamaha Difference' and which you can expect to enjoy on most models in the range.

Our driving ambition is to combine the lightness and compactness of the reliable high-performance Yamaha 2-strokes with the economy, smoothness, sophistication and eco-friendliness of the 4-stroke engine. Innovation and development have produced a Yamaha Outboard range that is a complete line-up of ultra-modern, efficient 4-stroke engines, headed by the world's first V8 production 4-stroke outboard, the F350.

Each engine in the range uses the very latest Yamaha marine technologies, revolutionary and unique engine layouts, ingenious intake and exhaust systems. Overseeing all this is a system of micro-computer controls, monitoring every aspect - from fuel mixture, to combustion efficiency and maintenance scheduling.

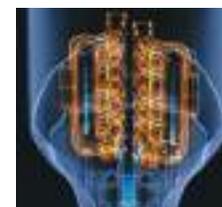
Above all, Yamaha's 4-stroke development has been successful because we never tried to adapt or modify ordinary, everyday automotive engines, as many others have done. We build only pure marine-specification 4-stroke engines from scratch. To help preserve the marine environment Yamaha has pioneered the development of new clean-burn technologies, yet accepted no compromise on power, performance or usability. Our outboards are now faster, quieter and more economical than ever before.

Only Yamaha gives you such a wide choice. From the handy, portable F2.5 to the adrenalin-raising performance of the F350 - with an impressive line-up of variants in between - we make it very simple to find the perfect match for your boat and your style of boating.



V8 • V6 • 4 cyl • 3 cyl • 2 cyl • 1 cyl
Our marine engines come in a variety of layouts because we utilise the optimum type of engine design for each different application so that it provides instant power in a relaxed, effortless manner.

All Yamaha OHC outboards use a quiet and durable toothed drive belt to control the camshafts. The larger models feature VCT - Variable Camshaft Timing that boosts maximum torque,, especially in the cruising 2000-3500 rpm range.



Much attention is paid to exhaust design to ensure that the engine is both quiet and efficient. Yamaha's In-bank™ exhaust system for example has resulted in a more compact engine, while power surge chambers ensure maximum combustion.

Intake length design is also critical to achieve the best balance of power and torque. Individual 'pulse-tuned' long intake tracks deliver air to the cylinder at the precise density and volume needed for optimum gas flow rates and efficiency.



Motor mounts are often taken for granted but remain a vital component. Everything at Yamaha is built tough! Forged aluminium mounts and oversized mounting brackets add extra strength and banish noise and vibration.

Ultra-tough gearcase lower units have super strong bearings, bearing surfaces and gears, while the hydrodynamic profile of our gearcases gives the optimum low drag streamlined underwater design while maximising cooling water pick-up.



Not just power. Rely on it.

Yamaha's Ideal Anti-corrosion Protection

A unique 50-year long programme of dedicated research, development and testing has resulted in the most comprehensive, well-proven coating and protection system ever created for an outboard.



YDC-30

Unique, anti-corrosion aluminium alloy developed by Yamaha to protect all the exterior engine components.



High quality stainless steel

Special anti-corrosion steel is used for many components, such as drive and prop shafts, steering arms and through-tubes.



Special zinc coating

Applied to all non-moving stainless steel parts to increase resistance to galvanic corrosion. Also acts as a back-up to the anodes.



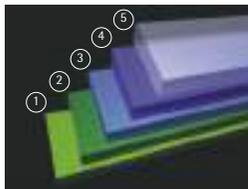
Self-sacrificing anodes

Fitted on engine casings, mounting brackets, lower units - and inside the engine block and waterways of some engines. High-grade alloys help control and minimise the effects of saltwater.



5-Stage exterior coating

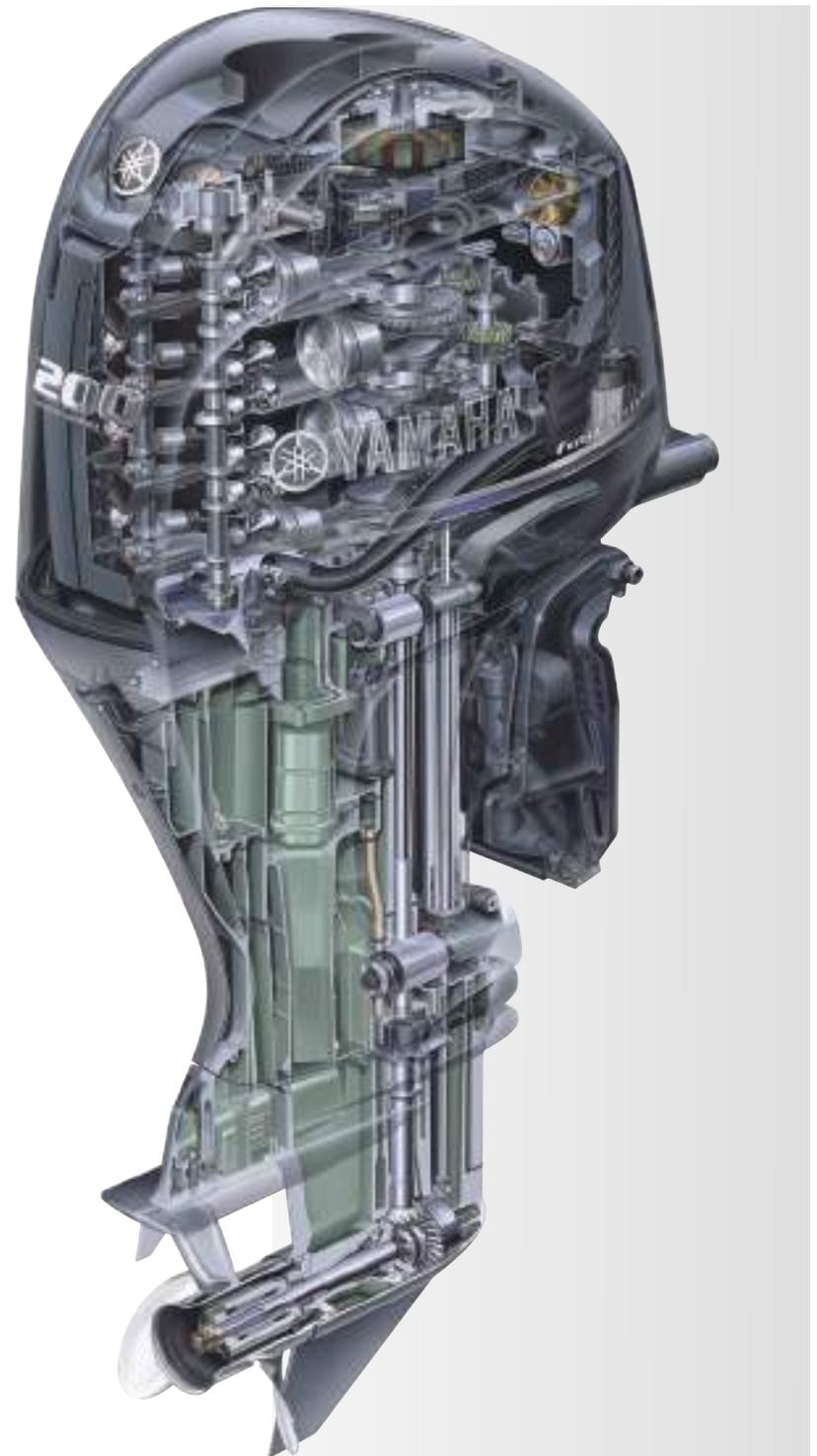
After oven-baking for adhesion and hardness, a sequence of primers, undercoats and acrylic resins are sealed in by a final coat of clear urethane lacquer. This gives your Yamaha its unique lustre and glossy, long-lasting, easy-maintenance finish.



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



4-stroke Technology. Serious Innovation

Many exclusive technical features set a Yamaha apart, and together they've helped create that unique Yamaha reputation for user-friendly performance, ultimate reliability and unrivalled durability. They are the advantages which together create the 'Yamaha Difference' - and which have made it 'The World's Favourite Outboard'!



'Start-in-gear' Protection

Prevents accidental engine starting when Forward or Reverse is selected and prevents the possibility of an unintentional pull-away on start-up.



PrimeStart™

As easy to start from cold as your car - simply turn the key!
Exclusive to Yamaha, PrimeStart™ is standard on many models and eliminates the need for a conventional choke.



High-output Alternators

Means power is available to start the engine even after prolonged periods of idling - or running at low revs using multiple accessories. Standard on most models.



Warning Systems for engine protection & safety

Oil pressure, engine temperature and other conditions are monitored, with various audio/visual warning devices. If a fault occurs, available rpm is automatically reduced for maximum engine protection while running the boat to shore.



Counter-rotating Propeller Models

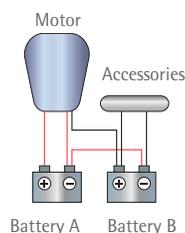
A standard twin-engine installation (both propellers turning clockwise) 'pulls' the boat towards the port side, making steering difficult, especially at higher speeds. A counter-rotating propeller, offers 'neutral helm' control when fitted alongside a standard model. Available on F115 and up.



Micro-computer ECM (Engine Control Module)

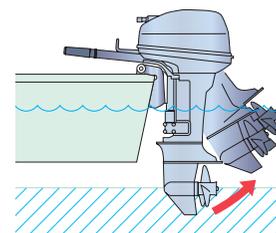
Standard from F30 upwards, your Yamaha engineer can simply hook up a laptop computer to the ECM for instant engine diagnosis.

- Constant monitoring of data inputs and settings
- Maintains smooth running, trouble-free performance
- Advanced software optimises ignition timing in all conditions
- Monitors and activates warning and protection systems



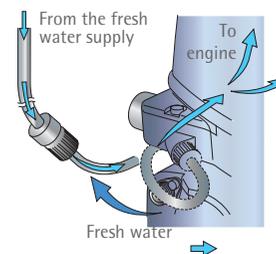
Dual Battery Charging System

Charges 2 batteries at the same time so power is available for engine starting even after long periods at low rpm. Available option on F150 and up.



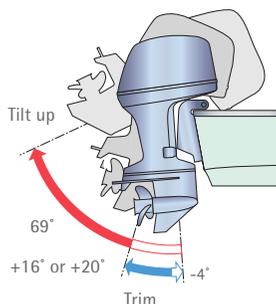
Shallow Water Drive

Enables safe manoeuvring in shallow water and protects the propeller.



Fresh Water Flushing System

No need to run the engine. Just connect a hose to the easy-access, front-mounted connector to flush salt and dirt from the engine waterways. Reduces corrosion and extends engine life. Standard on F8 and up.



Wide Range Power Trim & Tilt

Light and powerful system. Quick response push-button control makes trim and tilt swift, smooth and easy. Range of -4° to +16°. The negative trim setting (-4°) improves acceleration and brings the boat onto the plane quickly. Available option on F25 and up.

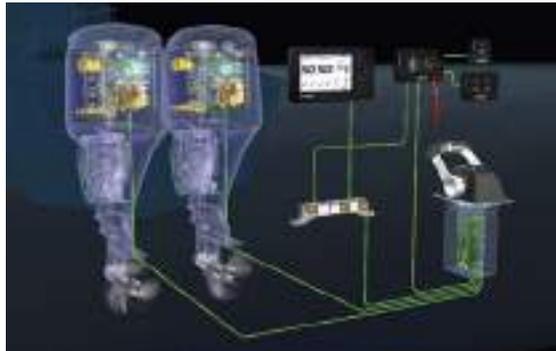


LAN wiring system and Digital Network Gauges

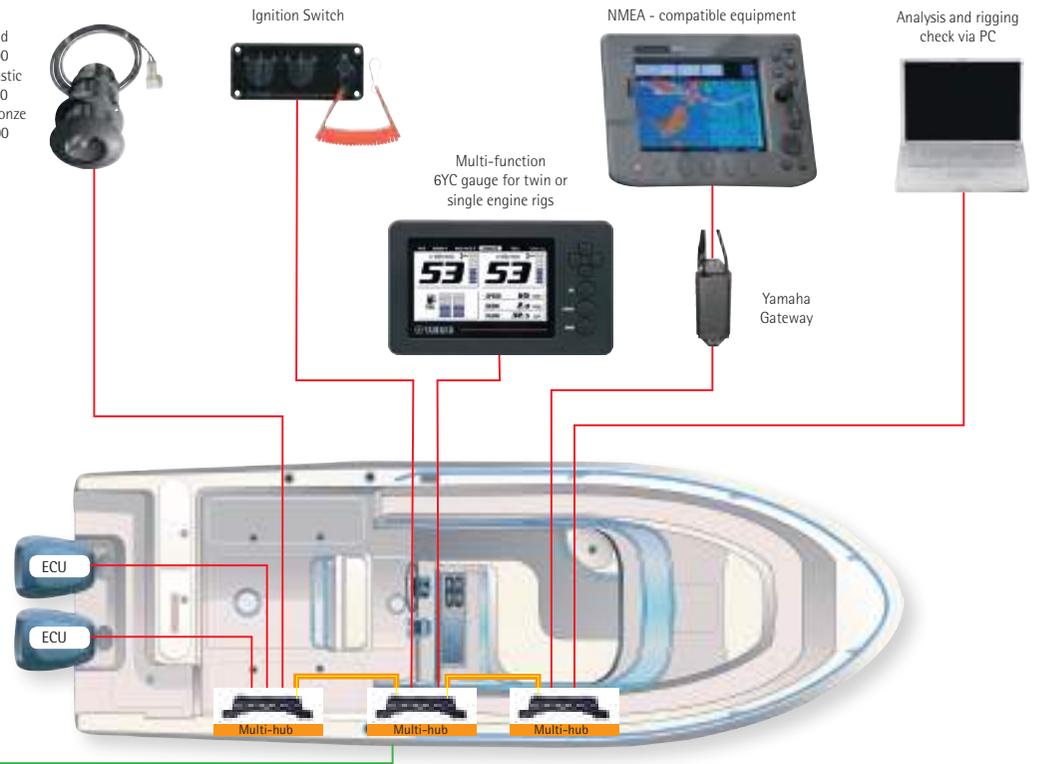


For EFI models of 30hp and upwards a comprehensive range of multi-function DNG - Digital Network Gauges is available. Using a LAN - Local Area Network - wiring system, with multi input Can-Bus hubs, the system is simple to fit and gives a variety of plug-in options for additional inputs. With compatibility to the NMEA 2000 marine data protocol, DNG gauges display real time engine data. For Premium gauges and electronic equipment a Yamaha Gateway device is required. See pages 34-35 for more details on Rigging.

- Multifunction Tachometer: RPM - Hours - Trim angle - Oil pressure - Warning lamps
- Multifunction Speedometer: Speed - Trip - Time - Fuel - Battery voltage
- Fuel Management Gauge: Fuel consumption - Fuel economy and actual consumption



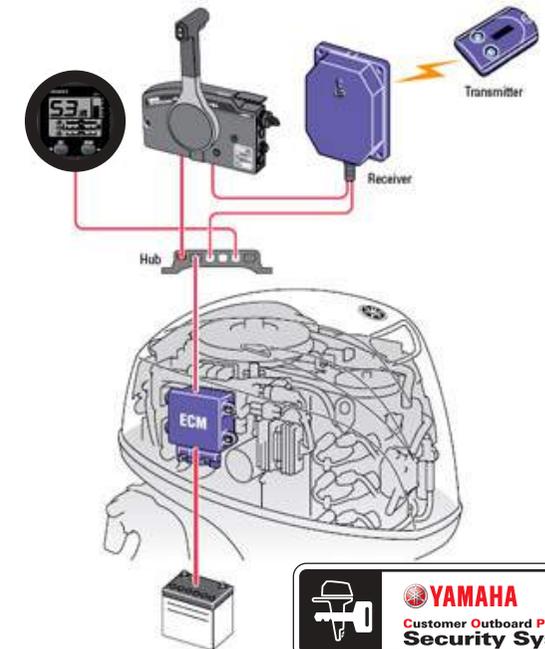
Triducer
Transom Mounted
6Y8-83688-01-00
In-hull Mounted Plastic
6Y8-83688-11-00
In-hull Mounted Bronze
6Y8-83688-20-00



Y-COP Remote Immobiliser

Standard on most EFI engines from 30-350hp, including tiller control engines, the Y-COP, Yamaha-Customer Outboard Protection system remotely locks the engine's ECM at the touch of a button - just like on your car - ensuring the engine starts only when you want it to.

- Handheld remote transmitter sends LOCK or UNLOCK signal
- Receiver unit mounted in the boat passes the signal to the engine's ECM
- The ECM immobilises the engine
- A single remote can be programmed to lock twin or triple installations





F350



F350

The world's most powerful V8 4-stroke outboard

There has simply never been an engine like this before. The 5.3 litre Yamaha F350 is the first-ever production 4-stroke, V8 outboard. Backed by Yamaha's awesome technology, it's a total performance package.

Designed and engineered to deliver that raw energy you need to power a large, modern offshore boat, this engine delivers with smooth, quiet refinement to match today's ever more sophisticated, soft-riding hull designs.

Only Yamaha, with its unique market-leading position and legendary record of innovation, could have made the dedicated investment necessary to bring you such an engine.

Make no mistake. This is an entirely new and revolutionary approach to the powering of larger boats, with engines specially designed to withstand the harsh demands they face.

Supremely advanced 4-stroke technology, V8 configuration, huge torque and prop shaft horsepower - all come together in the F350 to deliver levels of dynamic performance never before achieved in an outboard.



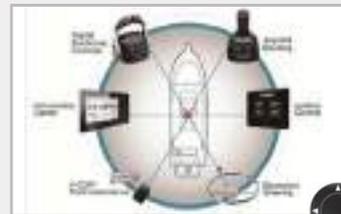
The Yamaha Difference

- V8 power with EFI (Electronic Fuel Injection) for clean performance
- Digital 'drive-by-wire' electronic throttle control and gearshift system
- Variable trolling RPM and multi engine synchronisation
- Extra large propeller developed specifically to handle the V8 power
- Enhanced Ultimate Corrosion Protection which will look after your engine



Unique V8 Engine Layout

With a capacity of over 5.3 litres this 32 valve, 60° V8 is the largest most powerful production outboard engine in the world.



Helm Master system

Joystick single lever control system option for slow speed manoeuvring of twin and triple V6 & V8 engine installations. Boat builder fitment.



Premium Gauges

The new multi-function Premium gauge is fully programmable for up to three engines and utilises a colour, 5" screen. Option on F350-F200G.



Electronic throttle and shift

The electronic throttle unit provides "drive-by-wire" control and can be synchronised for both twin or triple engine rigs. Fitted to all F350-F200G.





F300 // F250 // F225



F300
F250
F225

The ultimate V6 for offshore performance

The latest F300, F250 and F225 outboards offer the pinnacle of Yamaha's latest generation marine technology. Designed for the demanding marine environment, these light and powerful V6 engines are made for serious offshore adventure.

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) while Yamaha's 'drive-by-wire' electronic throttle and gear shift delivers the smoothest, most precise control you'll ever experience.

These engines combine advanced technology with next-generation designs. And while the sleek outer styling is instantly recognisable, plasma-sleeved cylinder walls on the inside achieve higher displacement without any size increase of the engine itself. These walls are stronger than steel equivalents and significantly lighter.



The Yamaha Difference

- Three new generation, class-leading, light-weight high performance engines
- V6 power with EFI (Electronic Fuel Injection) for performance and fuel efficiency
- Micro-computer ECM (Engine Control Module) precisely adjusts the engine
- Digital 'drive-by-wire' electronic controls for engine command and control
- New Digital Network System II can use conventional and Premium gauges



Big Capacity 4.2 litre V6

This 24-valve, 4169cc, 60° V6 with DOHC and VCT is compact and light, delivering the highest power to weight ratio in its class.



New Cylinder Technology

Our Plasma fusion process on the cylinder walls is 60% harder than steel while offering lower weight, better cooling and less friction.



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.



Dual water intakes

The lower case gearbox unit incorporates two separate water inlets that provide the engine with the best possible raw water cooling supply even at high speeds.





F200 // F175 // F150



F200
F175
F150

A new class standard for light weight and compact dimensions

These exceptional engines set new class standards for low weight and compact dimensions. Performance RIBs and sportsboats will deliver their best with a lightweight engine on the transom and until now they have simply not been able to perform with a 4-stroke powerplant fitted. But the new F150 and latest F175 and F200 outboards change everything.

The straight-four engine layout is slim and light, while our engineers have also been able to incorporate many of the very latest Yamaha marine technologies including Shift Damper System, Y-COP security immobiliser, VCT - Variable Cam Timing on the F200, plus the latest DNG - Digital Network Gauges with NMEA 2000 engine data interface.

The new F150 along with the F175 and F200 outboards are destined to change this popular class forever.

And for the ultimate driver control the F200G features a 'Drive-by-Wire' throttle and gear shift just like the V6 and V8 models.



The Yamaha Difference

- New generation, class leading, lightweight and best power-to-weight ratio in class
- F175 incorporates the same features as the F200F but without a VCT system.
- F200F models use cable throttle and gear shift, plus DNG multifunction 6Y8 digital gauges

*F200G models feature Digital 'Drive-by-Wire' electronic throttle and shift controls for engine command and control and can be used with the Premium gauge instrumentation system.

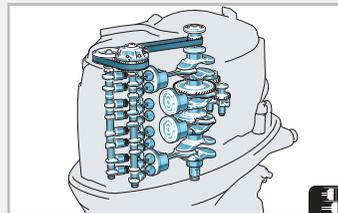


F200G model only:
VCT, Electronic throttle &
Premium Gauge option



VCT for increased power

Variable Camshaft Timing alters the intake valve timing on the F200 as speed increases, to give optimum gas flow at both low and high rpm.



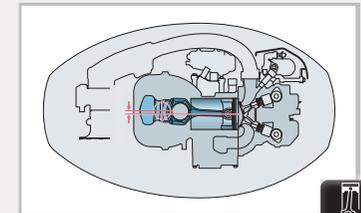
In-line 4-cylinder engine

The compact 4-cylinder engine is lightest in class. Features include DOHC, 16 valves, Electronic Fuel Injection and a powerful alternator.



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.



Offset cylinder layout

The cylinder block is offset to the crankshaft centre line by 10mm to reduce friction on the piston and improve acceleration.



F130 // F115



F130
F115

Powerful, smooth and economical

The all new F130 and updated F115 engine stay ahead of the competition with their big block engine capacity for increased mid-range acceleration, combined with a low weight for class leading power-to-weight performance.

Power and feature-packed, both these latest generation engines offer incredible performance, cleaner exhaust emissions and smooth acceleration due to their twin counter-balancers. The proven Yamaha EFI System brings outstanding fuel efficiency.

These are advanced DOHC (Double Overhead Camshaft) 16-valve engines, with special intake and exhaust systems,

Yamaha's unique multi-point EFI (Electronic Fuel Injection) and a micro-computer that analyses and adjusts the fuel/air mixture with ruthless precision.

The result is something you'll enjoy listening to - supremely efficient combustion all day long! Yamaha features such as our high output alternators and our wide-range Power Trim & Tilt system are standard and counter-rotation propeller versions are available for twin installations. The new F130 and F115. They win friends so easily.



The Yamaha Difference

- DOHC (Double Overhead Camshaft) engine for improved performance
- EFI (Electronic Fuel Injection) for cleaner power delivery and fuel efficiency
- Both F130 and F115 feature long inlet tracts and Single Throttle Valve technology.
- Counter-rotating propeller variants for easier control of twin installations
- SDS - Shift Damper System propeller options for quieter gear engagement



Electronic Fuel Injection

Micro-computer controlled EFI (Electronic Fuel Injection) delivers a precise amount of fuel for instant response and outstanding economy.



Efficiency and reliability

Single throttle body and long intake manifold, large cylinder capacity, compact, 16 valve, in-line, 4-cylinder layout with DOHC, is powerful, smooth and very quiet.



Single belt cam drive

The two camshafts are driven by a single, toothed belt ensuring smooth, reliable and quiet operation. Easily accessible the belt is virtually maintenance free.



Shift Damper System

The unique new SDS dampening system virtually eliminates the "clunk" associated with putting an engine into Forward or Reverse.





F100 // F80



F100
F80

Potent power. Reassuring reliability.

Looking for great all-round performance, smooth acceleration and unbeatable fuel economy? Looking for an engine that lasts and lasts ... and holds its value?

Well, you've found all that and more.

Like the F115 and F150, both these engines take advantage of Yamaha's very latest 4-stroke technology - DOHC (Dual Overhead Camshaft) 16-valve engine, advanced intake and exhaust systems and Yamaha's unique multi-point EFI (Electronic Fuel Injection).

Variable trolling, a high output alternator and Yamaha's wide-range Power Trim & Tilt system, along with many other unique features, make these two of the most versatile and user-friendly outboards on the water today.

You won't find better value. However hard you look.



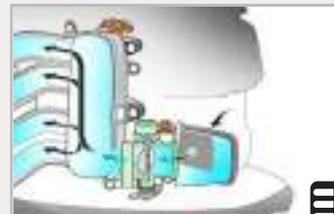
The Yamaha Difference

- EFI (Electronic Fuel Injection) for cleaner performance and fuel efficiency
- Double Overhead Camshaft engine gives improved acceleration and performance
- Wide Range Power Trim & Tilt allows smooth control at the push of a button
- Yamaha's Ideal Anti-corrosion Protection, looks after your engine for life
- Yamaha Customer Outboard Protection



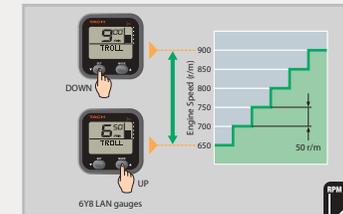
DOHC Engine Layout

With increased cylinder capacity and large valves the Double Overhead Camshaft layout ensures optimum valve actuation.



Single Throttle Valve

A large single throttle valve controls the air-flow to all four cylinders. Intake air is pulse tuned before reaching the fuel injectors.



Variable Trolling Speed

Trolling speed can easily be altered both up and down, in 50 RPM increments at the push of a button on the digital Tachometer.



Engine Diagnosis System

All Yamaha EFI outboards have a plug-in interface so engine history and engine function diagnosis can be easily carried out via a laptop computer.





F70



F70

Minimum weight. Maximum power

Perfectly suited to power a wide range of boat types, the F70 is equally at home in a working environment as it is in the fun-filled world of leisure boating and watersports.

For cleaner performance, maximum fuel efficiency and easy starting, the exclusive 16-valve SOHC engine features EFI (Electronic Fuel Injection) and single throttle valve with extra long inlet tracts. Compatibility with Yamaha's Digital Network Gauges delivers precise control too.

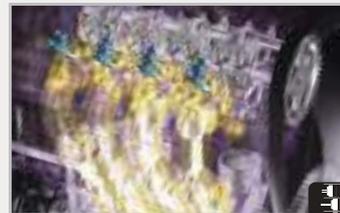
The beautifully compact and streamlined design of Yamaha's F70 outboard engine is sure to attract admiring glances from everyone – whether aboard or on the shore.

The best horsepower-per-litre ratio in the 70hp class.



The Yamaha Difference

- EFI (Electronic Fuel Injection) for cleaner performance and fuel efficiency
- Micro-computer ECM (Engine Control Module) ensures maximum reliability
- Compatible with Yamaha Digital Network Gauges and LAN wiring system
- Yamaha's Ideal Anti-corrosion Protection, looks after your engine - for life
- Yamaha Customer Outboard Protection



Innovative Engine Design

The single overhead camshaft layout minimises weight, while the 4-valves per cylinder ensure instant response and 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.



Large Gearbox Unit

With a high 2.33:1 ratio and the ability to fit a K series propeller, including the Talon SDS version, the lower unit ensures excellent "out of the hole" acceleration.



Compact dimensions

The F70 combines the compact dimensions of the F50/F60 powerhead with the larger F80/F100 gearbox to deliver outstanding power to weight.





FT60 // F60 // FT50 // F50



F60
F50
FT60
FT50

Smooth performers with low emissions

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

The super-efficient Electronic Fuel Injection System (EFI) ensures cleaner performance and efficient combustion of fuel, all in an engine that delivers impressive power at high engine speeds and serious torque in the mid-ranges.

Other features designed to provide a smooth, comfortable and enjoyable ride include Yamaha's unique wide range Power Trim & Tilt, with its instant push-button control and Engine Control Module (ECM), which means these engines are as reliable and

easy to start as your car. So for watersport enthusiasts and professionals alike, these amazingly compact and 'clean' engines deliver unbeatable standards of performance and economy.

The latest F60 and F50. Keeping your enjoyment levels at maximum.



The Yamaha Difference

- EFI (Electronic Fuel Injection) for cleaner performance and fuel efficiency
- Micro-computer ECM (Engine Control Module) ensures maximum reliability
- Wide Range Power Trim & Tilt allows smooth control at the push of a button
- Yamaha's Ideal Anti-corrosion Protection, looks after your engine – for life
- Yamaha Customer Outboard Protection



Advanced Engine Design

Overall dimensions of this 996cc purpose-designed unit are ultra compact while the low weight is similar to a four-stroke three cylinder engine.



Four Cylinder Refinement

The in-line, 4-cylinder configuration with long stroke engine design ensures smooth, usable power and low noise.



Digital Network Gauges

The high performance DNG instruments utilise a LAN type system and simply plug into the unique Yamaha hubs to transfer data from engine to helm station.



High Thrust FT50 and FT60

High Thrust models are ideal for displacement hulls where pushing power is required. Their large gearboxes accept High Thrust and Dual Thrust props with oversize blades.





F40 // F30



F40
F30

When you value peace of mind

Start with what are already great engines and add yet another unique Yamaha advantage - that's the story behind our latest F30 and F40 outboards.

The EFI (Electronic Fuel Injection) system delivers impressive power at high engine speeds and real mid-range punch and torque, along with outstanding levels of reliability and economy. Yamaha's unique wide-range Power Trim & Tilt and all the user friendly features of the larger engines ensure these outboards punch well above their class.

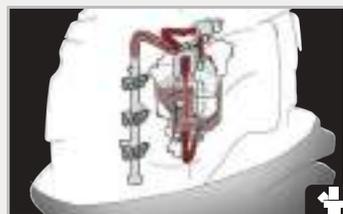
Being lightweight, user friendly units that are easy to install and simple to use, these engines are much sought after, sometimes by people you might prefer not to share them with. Yamaha's new Y-COP system puts security in your hands with a remote-control immobiliser - just like your car, it only starts when you want it to. And being a Yamaha, you know it'll do that first time, every time.

The F40 and F30. Whichever way you look at it, nothing else comes close.



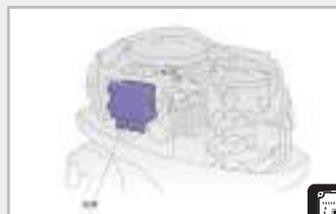
The Yamaha Difference

- EFI (Electronic Fuel Injection) for cleaner performance and fuel efficiency
- Hydro Tilt allows smooth control at the push of a button
- Variable trolling RPM
- Yamaha's Ideal Anti-corrosion Protection, looks after your engine - for life
- Y-COP - immobiliser security system. Push button security for your outboard



Multi-Point EFI

Electronic Fuel Injection with vapour reduction system delivers instant starting, economy and excellent throttle response.



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.



Multi-Function Tiller Arm

For tiller applications the award winning Multi-Function Tiller Arm incorporates gear shift, ignition, PIT and variable trolling control.



Low Drag Gearbox

An advanced hydrodynamic under-water profile means the gearbox creates the minimum amount of drag as it goes through the water.





FT25 // F25 // F20 // F15



FT25
F25
F20
F15

Small-engine convenience. Big-engine performance

If you want easy handling and control, strong performance, smoothness, fuel economy, reduced exhaust emissions, and amazing versatility, simply choose one of these sleek, stylish twin-cylinder 4-strokes. As it's a Yamaha, you'll also enjoy advantages normally found only on larger engines, such as computer-controlled ignition, special light-load starting system, water-cooled fuel pump and large-volume silencer.

For certain applications where thrust is required the High Thrust FT25 is designed to turn a large blade propeller ideal for pushing displacement or semi-displacement hulls or big loads through the water.

The F25, F20 and F15. The lightest, most compact engines in their class.

Want even more? Single-lever steering friction adjustment, a high-output alternator and the electric Power Tilt system (Power Trim and Tilt on the F25) plus Yamaha's exclusive Prime Start system are other notable benefits. All in all, the perfect choice for commercial, professional or leisure use.

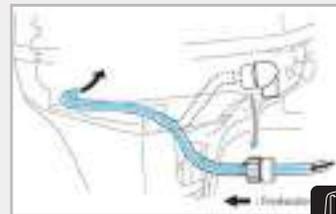


The Yamaha Difference

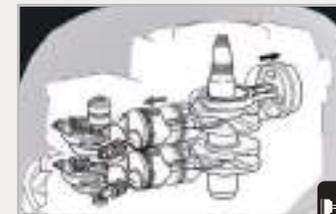
- CDI/TCI ignition system for easy starting and ultimate reliability
- High-output alternator provides starting power, even after low rpm idling
- Manual and electric start options to suit your type of boating
- 'Start-in-gear' prevention, avoids accidental starting when in gear
- Yamaha's Ideal Anti-corrosion Protection, looks after your engine - for life



Optimum Weight & Power
Stylish and compact twin cylinder powerplants offer an excellent balance of power to weight, with economy and durability too.



Freshwater Flushing
Simply connect a freshwater hose pipe and flush any corrosive salt water from the powerhead. No need to even run the engine.



F25 Counter Balancer
At almost half a litre cylinder capacity the F25D and FT25F utilise a counter balancer in the engine for added smoothness and a reduction in low rpm vibration.



High Thrust FT25
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.





F9.9 // F8



F9.9
F8

Looking for a lightweight heavyweight?

A new, updated F8 joins the latest-generation F9.9 in the portable line-up, ensuring that our range of outboards in this popular power class outperforms and out-punches any competition. Put simply, no one else packs such power and versatility into such lightweight engines.

Easily portable, with integral carrying handles, these models are the perfect solution for all kinds of boating - fishing, diving, runabouts, workboats - or just for family fun; and they are perfect for duty as a sailboat auxiliary or fitted to your hard-working tender or river boat.

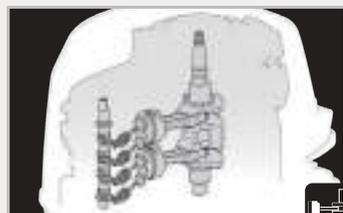
They also offer new standards of whisper-quiet operation, a frugal appetite for fuel, smooth, reliable power and impressive torque. In short, a winning combination of performance and portability.

The F9.9 and F8. They outperform and outclass any competition.



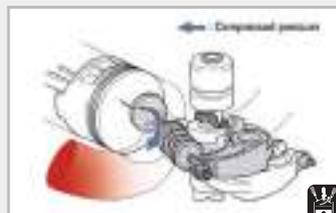
The Yamaha Difference

- CDI/TCI ignition system for easy starting and ultimate reliability
- Forward-Neutral-Reverse gears make it safe and easy to manoeuvre
- Strong integral carrying handles for light, comfortable portability
- Shallow Water Drive allows for safer and easier inshore manoeuvring
- New ergonomic shift lever and tiller
- New larger handle for easy carrying
- Convenient vertical storage position



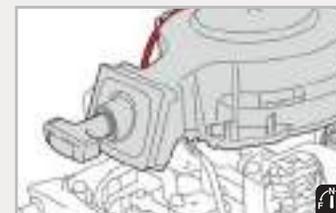
Compact Engine Design

The compact twin cylinder, SOHC powerhead utilises a long stroke giving the new F8 and the F9.9 an 8% bigger capacity for increased torque.



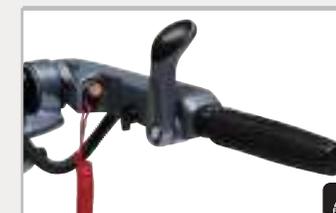
Easy Starting

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



Start-in-Gear Protection

To prevent the engine from being accidentally started when in gear an interlock system stops the starter pull-cord from being pulled.



Tiller Mounted Gear Shift

The redesigned tiller arm incorporates a convenient gear shift lever within easy reach and incorporates a lanyard stop switch and friction throttle.





F6 // F5 // F4



F6
F5
F4

Easy to carry. Easier to enjoy

Discover engines so light you can carry them to the waterside or onto the deck of your main craft.

The F6, F5 and F4 are easy to store, easy to use, easy to start, and offer the power and reliability to let you hit the water with confidence.

Their compact size and large handles make them highly portable, and start-up is easy with Yamaha's CDI Ignition System. And on the water, you'll be delighted by the low fuel

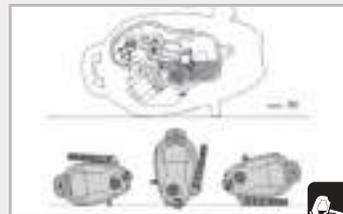
consumption, simple controls, limited noise and vibration, and complete reliability.

Whether you're a fishing enthusiast looking for an easy way to get on the water, or a yacht owner seeking a handy auxiliary – the F6, F5 and F4 offer the ideal solution.



The Yamaha Difference

- Unique 3-position oil-leak-free storage system – rest it on front or either side.
- Convenient auxiliary primepump in cowling
- Large carrying handles for convenience and comfort
- CDI ignition for easy starts in all conditions
- Easy-to-use steering and large shift knob



Three Position Storage

A unique engine breather system allows the engine to be stored on its front or on either side without leaking into your locker or boot.



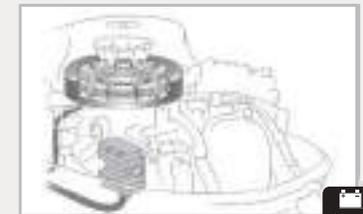
Switchable Fuel Supply

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.



Compact Design

The compact design of the outboard, which incorporates easy to use carry handles, ensures all the controls are easily reached and accessible from the boat.



Lighting Coil (optional)

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





F2.5



F2.5

Just pick up and go ~ with portable power

Even the shortest boat rides can turn into big adventures with the F2.5, so get out and enjoy the ride.

Inside a perfectly portable shell, this 4-stroke outboard is packed full of pioneering Yamaha technology. Superb handling, manoeuvrability and reliability come as standard. With a large, comfortable carry-handle, it is also incredibly portable and convenient.

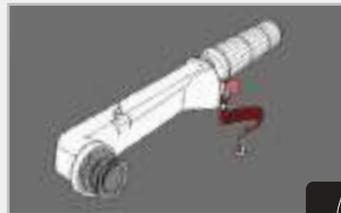
And with enough punch to get you where you want to go, an F2.5-powered ride turns any excursion on the water into great fun.

With user-friendly controls, and a vibration-free performance the F2.5 adds a new dimension to small boat adventures and is an ideal auxiliary for discerning yacht owners.



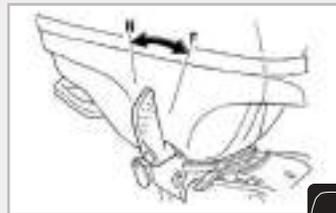
The Yamaha Difference

- TCI Ignition System for ultimate reliability
- Strong tiller handle with twist-grip throttle
- Easy-to-use side shift selector
- F-N (forward – neutral) gears for easy control and safe warm up in neutral
- Strong, light handles for comfort and portability



Full Size Tiller Arm

Large twist grip is comfortable to use while dampener reduces vibration. Kill switch, lanyard and throttle cable are all built in.



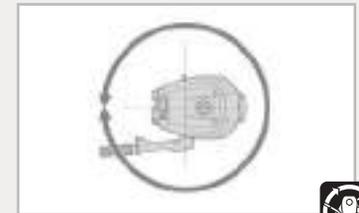
Convenient Gear Selection

A convenient full size gear lever selects Neutral and Forward so the engine can be taken out of gear in shallows or when warming up.



Splined Propeller

The gearbox uses a spline fit for the propeller for maximum durability. A locking nut secures the three blade alloy propeller.



360° Steering

The engine can be swivelled all the way around for complete control and reverse thrust. A tilt lock stops the turning when full raised to prevent leakage.





E-Drive



M18
M12

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 M26 and M20 feature 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 special Weedless Wedge propeller maximises thrust and resists trailing weeds and other underwater debris.

M18 **M12**

Static thrust (kg)	16.3	13.6
Amp. draw	36	30
Voltage	12	12
Shift	Twist	Twist
Shaft	914mm	762mm
Weight (kg)	8	7
Bracket twist	Yes	Yes
Composite shaft	Yes	Yes
Weedless Wedge	Yes	Yes
Pulse width modulation	No	No



The Yamaha Difference

- Simple to fit and carry
- Safe and easy to control
- Tough, dependable 12V motor
- Special Weedless Wedge propeller
- Twist-on hand control (M20/M26)
- Tough construction



Compact, reliable motor

The electric motor is housed in the lower unit, under water, with direct drive to the propeller ensuring the engine is almost silent in operation.



Hinged Tiller Arm

Depending on the model the tiller arms are either adjustable for engine shaft angle or are telescopic for variable length settings.



Fully Adjustable Mount

The extra wide E-drive clamp can be fixed onto gunwales and transoms and is adjustable for shaft height and engine angle.



Weedless Propeller

The propeller and lower unit are designed to minimise the possibility of fouling and the engine can be tilted to run in shallow water or where there is debris.



Full Command and Control.



Yamaha's digital network system, with its comprehensive line-up of Digital Network Gauges, really is a revolution in command and control. This fully integrated, computer-controlled system monitors technical functions reliably and accurately, with stylish instruments that are easy to read and understand.

Compatibility and functionality

Our LAN - Local Area Network - system and Digital Network Gauges are perfectly engineered for Yamaha EFI outboards from 30hp upwards. Every EFI engine is fitted with a connection port, enabling the engine ECU to communicate directly and efficiently with the central network. Compatibility with NMEA 2000 means that other peripherals (from the manufacturers that have chosen to use this protocol) can also be connected easily to the network, so you can add GPS, radar, a fish finder or other navigation aids and equipment, opening up a whole new world of safer, more relaxed boating.

Accuracy of information

A wide range of advanced, accurate gauges are available, from basic speedometer and tachometer displays, to warning and control information for a variety of engine functions. Link your system to the (optional) triducer and monitor speed, seawater temperature and depth. These are multi-function gauges, so the combination of functions displayed, as well as the order they appear, are user selectable.

■Variable Trolling RPM is standard on the following EFI models: F30 / F40 / F50 / FT50 / F60 / FT60 / F70 / F80 / F100 / F115 / F130 / F150 / F175 / F200 / F225 / F250 / F300 / F350

Reliability you expect from Yamaha

At the heart of this revolution is a reliable LAN network system offering many advantages, not only for the boat owner, but for boat builders and dealers too, because rigging, fitting and maintenance are now a breeze. No more untidy jumbles of separate wires, or untidy hoses and cables; just streamlined, easy-to-connect harnesses from the engine to the hub and onwards to the instruments, with colour-coded connectors linking the components of the system.

Our smaller Yamaha models come equipped with everything you need for turnkey operation (apart from fuel) but with larger engines, many of our customers like to make their own personal choice of propellers, remote controls and instruments.

For those larger engines a small selection of the equipment available within the Flexible Rigging Programme is listed here. Your Yamaha Dealer will be pleased to help and advise you on the equipment that best suits your boat.



Propellers

There are many different propeller sizes and types to choose from. The numerous size and pitch options enable your dealer to match your boat and engine for optimum performance, whilst the different types of propeller ensure there is a option that will suit your personal needs and the type of boating you enjoy. Talk to your local dealer about matching your propeller.

- White Aluminium propeller range
- Black Stainless steel propeller range
- Polished Stainless Steel range with SDS
- Specialist propellers including four-blade options, Performance propellers and High Thrust propellers.

Aluminium and Stainless options



SDS and performance options



High Thrust and Dual Thrust options



Helm Master – joystick control system



- Slow speed docking control system
- Electronic steering
- Trim assist and one touch starting

Consult your boat builder* for details of the unique Helm Master joystick control system for V6 and V8 outboard twin and triple engine installations.

*Boat builder fitment only.



DNG Gauges

- 6Y8 Round multi-function individual gauges
- Fits F30-F100 single installations
- Tachometer / Speedometer Fuel Management

6Y8 Round Tachometer 6Y8 Round Speedometer



6YC multi-function gauge with 4" colour display

- Fits F115-F200F single or twin installations
- Tacho-Speedo-Fuel Management



Remote Controls

- 704 Single lever top-mounted
- 704 Twin lever top-mounted
- 705 Side-mounted flush control
- 703 Integrated side-mount remote control with key and cut-out lanyard



704



704 Twin



705



703



Premium Gauge

An optional all-in-one Premium gauge with 5" colour display is available for all Drive-by-Wire models from the F350 to F200G. The Premium gauge is able to display information on up to three engines simultaneously and with numerous programmable functions this is the ultimate in information displays.



6Y9 Premium gauge

Rigging Kit Options

- Counter-rotation FL kits.
- Wire harness for single key switch. 5m (16ft 5in) to 8m (26ft) lengths.
- Single or multi switch panels .

Ask your dealer for details of our special remote control units for triple engine installations.

Twin Switch Panel



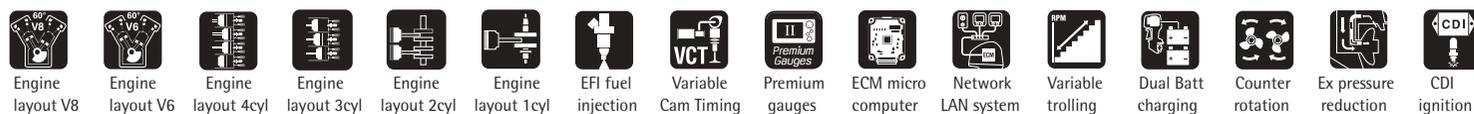
Single Switch Panel



Specifications

Model	F350A	F300B	F250D	F225F	F200F/G	F175A	F150D
Engine							
Engine type	4-stroke	4-stroke	4-stroke	4-stroke	4-stroke	4-stroke	4-stroke
Displacement	5,330 cm ³	4169 cm ³	4169 cm ³	4169 cm ³	2785 cm ³	2785 cm ³	2670 cm ³
No. of cylinders/Configuration	60°-V8, 32-valve, DOHC with VCT	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	4/In-line, 16-valve DOHC
Bore x stroke	94.0 mm x 96.0 mm	96.0 mm x 96.0 mm	96.0 mm x 96.0 mm	96.0 mm x 96.0 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	257.4kW / 5,500 rpm	220.7kW / 5,500 rpm	183.9kW / 5,500 rpm	165.5kW / 5,500 rpm	147.1kW / 5,500 rpm	128.7kW / 5500 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
Lubrication system	Wet sump	Wet sump	Wet sump	Wet sump	Wet sump	Wet sump	Wet sump
Electronic Fuel Injection	EFI	EFI	EFI	EFI	EFI	EFI	EFI
Ignition / advance system	TCI/Micro-Computer	TCI/Micro-Computer	TCI/Micro-Computer	TCI/Micro-Computer	TCI/Micro-Computer	TCI/Micro-Computer	TCI/Micro-Computer
Starter system	Electric	Electric	Electric	Electric	Electric	Electric	Electric
Gear ratio	1.73 (26/15)	1.75 (21/12)	1.75 (21/12)	1.75 (21/12)	1.86 (26/14)	1.86 (26/14)	2.00 (28/14)
Carburettors	-	-	-	-	-	-	-
Dimensions							
Recommended boat transom height	X:635 mm U:762 mm	X:635 mm U:762 mm	X:635 mm U:762 mm	X:635 mm U:762 mm	L:516 mm X:643 mm	L:516 mm X:643 mm	L:508 mm X:635 mm
Weight with propeller	F350AETX: 370.0 kg FL350AETX: 370.0 kg F350AETU: 378.0 kg FL350AETU: 378.0 kg	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 kg	F225FETX: 260.0 kg FL225FETX: 260.0 kg F225FETU: 268.0 kg	F200FETL: 226.0 kg F200F/GETX: 227.0 kg FL200F/GETX: 227.0 kg	F175AETL: 224.0 kg F175ATX: 225.0 kg	F150DETL: 223.0 kg FL150DETL: 223.0 kg F150DETX: 228.0 kg FL150DETX: 228.0 kg
Fuel tank capacity	Option	Option	Option	Option	Option	Option	Option
Oil pan capacity	6.3 litres	6.0 litres	6.0 litres	6.0 litres	4.5 litres	4.5 litres	4.3 litres
Additional features							
Steering	Remote Control	Remote Control	Remote Control	Remote Control	Remote Control	Remote Control	Remote Control
Throttle and Shift controls	Digital electronic remote control & shift. Digital Network II	Digital electronic remote control, & shift. Digital Network II	Digital electronic remote control & shift. Digital Network II	Digital electronic remote control & shift. Digital Network II	F: Remote Control G: Digital electronic remote control & shift. Digital Network II	Remote Control	Remote Control
Trim & Tilt method (trim angle)	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 - 49A	12V - 70A	12V - 70A	12V - 70A	12V - 50A	12V - 50A	12V - 35A
Engine immobiliser	Y-COP	Y-COP	Y-COP	Y-COP	Y-COP	Y-COP	Y-COP
Remote trolling control	Variable	Variable	Variable	Variable	Variable	Variable	Variable
Digital Network Gauges	Standard DNG or Premium II	Standard DNG or Premium II	Standard DNG or Premium II	Standard DNG or Premium II	F: Standard DNG only G: Standard/Premium II	Standard DNG	Standard DNG
Propeller	SDS - Options available	SDS - Options available	SDS - Options available	SDS - Options available	SDS -Options available	SDS - Options available	SDS - Options available

Key



Specifications

Model	F130A	F115B	F100D	F80B	F70A	F60F	F50H	F40F
Engine								
Engine type	4-stroke	4-stroke	4-stroke	4-stroke	4-stroke	4-stroke	4-stroke	4-stroke
Displacement	1832 cm ³	1832 cm ³	1596 cm ³	1596 cm ³	996 cm ³	996 cm ³	996 cm ³	747 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 DOHC	4 cyl./In-line 16-valve SOHC	4/In-line 8-valve SOHC	4/In-line 8-valve SOHC	3/In-line 6-valve SOHC
Bore x stroke	81.0 mm x 88.9 mm	81.0 mm x 88.9 mm	79.0 mm x 81.4 mm	79.0 mm x 81.4 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	73.6kW / 5,500 rpm	58.8kW / 5,500 rpm	51.5kW / 5,800 rpm	44.1kW / 5,500 rpm	36.8kW / 5,500 rpm	29.4kW / 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
Lubrication system	Wet sump	Wet sump	Wet sump	Wet sump	Wet sump	Wet sump	Wet sump	Wet sump
Electronic Fuel Injection	EFI	EFI	EFI	EFI	EFI	EFI	EFI	EFI
Ignition / advance system	TCI/Micro-Computer	TCI/Micro-Computer	TCI/Micro-Computer	TCI/Micro-Computer	TCI/Micro-Computer	TCI/Micro-Computer	TCI/Micro-Computer	CDI Micro-Computer
Starter system	Electric	Electric	Electric	Electric	Electric	Electric	Electric	Electric (FE)
Gear ratio	2.15 (28/13)	2.15 (28/13)	2.27 (25/11)	2.27 (25/11)	2.33 (28/12)	1.85 (24/13)	1.85 (24/13)	2.00 (26/13)
Carburettors	-	-	-	-	-	-	-	-
Dimensions								
Recommended boat transom height	L:516 mm X:643 mm	L:516 mm X:643 mm	L:508 mm X:635 mm	L:508 mm X:635 mm	L:508 mm X:635 mm	L:508 mm	L:508 mm	S:381 mm L:508 mm
Weight with propeller	F130AETL: 174.0 kg F130AETX: 178.0 kg	F115BETL: 173.0 kg F115BETX: 177.0 kg FL115BETL: 177.0 kg	F100DETL: 170.0 kg F100DETX: 173.0 kg	F80BETL: 170.0 kg F80BETX: 173.0 kg	F70AETL: 119.0 kg F70AETX: 121.0 kg	F60FETL: 114.0 kg	F50HETL: 114.0 kg	F40FEDL: 95.0 kg F40FEHDS: 97.0 kg F40FEHDL: 102.0 kg F40FETS: 94.0 kg F40FETL: 98.0 kg
Fuel tank capacity	Option	Option	Option	Separate, 25 litres	Separate, 25 litres	Separate, 25 litres	Separate, 25 litres	Separate, 25 litres
Oil pan capacity	3.5 litres	3.5 litres	3.5 litres	3.5 litres	1.9 litres	1.9 litres	1.9 litres	1.5 litres
Additional features								
Steering	Remote Control	Remote Control	Remote Control	Remote Control	Remote Control	Remote Control	Remote Control	Tiller handle (FEH), Remote (FET + FED)
Throttle and Shift controls	Remote Control	Remote Control	Remote Control	Remote Control	Remote Control	Remote Control	Remote Control	Twist grip (FEH), Single lever remote control (FE)
Trim & Tilt method (trim angle)	Power Trim & Tilt	Power Trim & Tilt	Power Trim & Tilt	Power Trim & Tilt	Power Trim & Tilt	Power Trim & Tilt	Power Trim & Tilt (FET), Hydro tilt assist (FED)	Power Trim & Tilt (FET), Hydro tilt assist (BEHD)
Light coil / Alternator Output	12V - 35A	12V - 35A	12V - 25A	12V - 25A	12V - 16A	12V - 16A	12V - 16A	12V - 17A
Engine immobiliser	Y-COP	Y-COP	Y=COP	Y-COP	Y-COP	Y-COP	Y-COP	Y-COP
Remote trolling control	Variable	Variable	Variable	Variable	Variable	Variable	Variable	Variable
Digital Network Gauges	Standard DNG	Standard DNG	Standard DNG	Standard DNG	Standard DNG	Standard DNG	Standard DNG	Standard DNG
Propeller	SDS - Options available	SDS - Options available	Options available	Options available	Options available	Options available	Options available	Options available

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



SDS Shift Damper



Single throttle



Digital network



Warning system



Start in-gear prevention



Prime Start



Long span mounts



Shallow water drive



Flushing point



Joystick control

Specifications

Model	F30B	F25D	F20B	F15C	F9.9J	F8F
Engine						
Engine type	4-stroke	4-stroke	4-stroke	4-stroke	4-stroke	4-stroke
Displacement	747 cm ³	498 cm ³	362 cm ³	362 cm ³	212 cm ³	212 cm ³
No. of cylinders/Configuration	3/In-line	2/In-line	2/In-line	2/In-line	2/In-line	2/In-line
Bore x stroke	65.0 mm x 75.0 mm	65.0 mm x 75.0 mm	63.0 mm x 58.1 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	22.1kW / 5,500 rpm	18.4kW / 5,500 rpm	14.7kW / 5,500 rpm	11.0kW / 5,500 rpm	7.3kW / 5,500 rpm	5.9kW / 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
Lubrication system	Wet sump	Wet sump	Wet sump	Wet sump	Wet sump	Wet sump
Electronic Fuel Injection	EFI	-	-	-	-	-
Ignition / advance system	CDI Micro-Computer	CDI Micro-Computer	CDI Micro-Computer	CDI Micro-Computer	CDI Micro-Computer	CDI Micro-Computer
Starter system	Electric (BE)	Manual (DM), Electric (DE)	Electric (BE), Manual (BM)	Manual (CM), Electric (CE)	Electric (JE), Manual (JM)	Manual
Gear ratio	2.00 (26/13)	2.08 (27/13)	2.08 (27/13)	2.08 (27/13)	2.08 (27/13)	2.08 (27/13)
Carburettors	-	1 carb. with Prime Start™	1 carb. with Prime Start™	1 carb. with Prime Start™	1 carb.	1 carb.
Dimensions						
Recommended boat transom height	S:381 mm L:508 mm	S:381 mm L:508 mm	S:381 mm L:508 mm	S:381 mm L:508 mm	S:381 mm L:508 mm	S:381 mm L:508 mm
Weight with propeller	F30BEHL: 102.0 kg F30BETS: 94.0 kg F30BETL: 98.0 kg	F25DMHS: 77.0 kg F25DMHL: 78.0 kg F25DES: 78.0 kg F25DEL: 79.0 kg F25DETL: 82.0 kg	F20BMHS: 51.0 kg F20BMHL: 53.0 kg F20BES: 52.0 kg F20BEL: 54.0 kg F20BEHL: 55.0 kg F20BEPS: 58.0 kg F20BEPL: 60.0 kg	F15CMHS: 51.0 kg F15CMHL: 53.0 kg F15CES: 52.0 kg F15CEL: 54.0 kg F15CEHL: 56.0 kg F15CEPL: 60.0 kg	F9.9JMHS: 40.0 kg F9.9JMHL: 41.0 kg F9.9JES: 42.0 kg F9.9JEL: 43.0 kg	F8FMHS: 40.0 kg F8FMHL: 41.0 kg
Fuel tank capacity	Separate, 25 litres	Separate, 25 litres	Separate, 25 litres	Separate, 25 litres	Separate, 12 litres	Separate, 12 litres
Oil pan capacity	1.5 litres	1.4 litres	1.6 litres	1.6 litres	0.8 litres	0.8 litres
Additional features						
Steering	Tiller handle (BEH), Remote control (BE)	Tiller handle (DMH), Remote control (DE)	Tiller handle (BE+BEH), Remote control (BE)	Tiller (CM + CEH), Remote control (CE)	Tiller handle (JMH), Remote control (JE)	Tiller handle
Throttle and Shift Controls	Twist grip (BEH), Remote control (BET)	Tiller handle (DMH), Remote control (DE)	Tiller (BM + BEH), Remote control (BE)	Tiller (CM + CEH), Remote control (CE + CEP)	Tiller (JMH) Single lever remote control (JE)	Tiller handle
Trim & Tilt method (trim angle)	Power Trim & Tilt (BET), Hydro tilt assist (BEHD)	Manual (DMH,DE) (0°,4°,8°,12°), Power Trim & Tilt (DET)	Manual (BM + BE) (0°,4°,8°,12°), Power Tilt (BEP),	Manual (CM) (0°,4°,8°,12°), Power Tilt (CEP)	Manual (0°,4°,8°,12°)	Manual (0°,4°,8°,12°)
Light coil / Alternator Output	12V - 17A	12V - 14A	12V - 10A	12V - 10A	12V - 6A (optional on MH)	12V - 6A (optional on MH)
Engine immobiliser	Y-COP	-	-	-	-	-
Remote trolling control	Variable	-	-	-	-	-
Digital Network Gauges	Standard DNG	-	-	-	-	-
Propeller	Options available	Included	Included	Included	Included	Included

Specifications

Model	F6C	F5A	F4B	F2.5A
Engine				
Engine type	4-stroke	4-stroke	4-stroke	4-stroke
Displacement	139 cm ³	139 cm ³	139 cm ³	72 cm ³
No. of cylinders/Configuration	1	1	1	1
Bore x stroke	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	4.4kW / 5,500 rpm	3.7kW / 5,000 rpm	2.9kW / 4,500 rpm	1.8kW / 5,500 rpm
Full throttle operating range	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	Splash
Electronic Fuel Injection	-	-	-	-
Ignition / advance system	CDI Micro-Computer	CDI Micro-Computer	CDI Micro-Computer	TCI
Starter system	Manual	Manual	Manual	Manual
Gear ratio	2.08 (27/13)	2.08 (27/13)	2.08 (27/13)	2.08 (27/13)
Carburettors	1 carb.	1 carb.	1 carb.	1 carb.
Dimensions				
Recommended boat transom height	S:381 mm L:508 mm	S:381 mm L:508 mm	S:381 mm L:508 mm	S:381 mm L:508 mm
Weight with propeller	F6CMHS: 27.0 kg F6CMHL: 28.0 kg	F5AMHS: 27.0 kg F5AMHL: 28.0 kg	F4BMHS: 27.0 kg F4BMHL: 28.0 kg	F2.5AMHS: 17.0 kg F2.5AMHL: 17.0 kg
Fuel tank capacity	1.1 litres (Built-in fuel tank) or optional separate fuel tank	1.1 litres (Built-in fuel tank) or optional separate fuel tank	1.1 litres (Built-in fuel tank) or optional separate fuel tank	0.9 litres (Built-in fuel tank)
Oil pan capacity	0.6 litres	0.6 litres	0.6 litres	0.4 litres
Additional features				
Steering	Tiller handle	Tiller handle	Tiller handle	Tiller handle
Throttle and Shift Controls	Tiller handle	Tiller handle	Tiller handle	Tiller handle
Trim & Tilt method (trim angle)	Manual (4°,8°,12°,16°,20°)	Manual (4°,8°,12°,16°,20°)	Manual (4°,8°,12°,16°,20°)	Manual (0°,4°,8°,12°)
Light coil / Alternator Output	12V - 6A optional	12V - 6A optional	12V - 6A optional	-
Engine immobiliser	-	-	-	-
Remote trolling control	-	-	-	-
Digital Network Gauges	-	-	-	-
Propeller	Included	Included	Included	Included

FT60G	FT50J	FT25F
FT High Thrust		
4-stroke	4-stroke	4-stroke
996 cm ³	996 cm ³	498 cm ³
4/In-line	4/In-line	2/In-line
65.0 mm x 75.0 mm	65.0 mm x 75.0 mm	65.0 mm x 75.0 mm
44.1kW / 5,500 rpm	36.8kW / 5,500 rpm	18.4kW / 5,500 rpm
5,000 - 6,000 rpm	5,000 - 6,000 rpm	5,000 - 6,000 rpm
Wet sump	Wet sump	Wet sump
EFI	EFI	-
TCI/Micro-Computer	TCI/Micro-Computer	CDI Micro-Computer
Electric	Electric	Electric
2.33 (28/12)	2.33 (28/12)	2.42 (29/12)
-	-	1 carb. with Prime Start
Dimensions		
L:508 mm X:635 mm	L:508 mm	L:508mm
FT60GETL: 118.0 kg FT60GETX: 122.0 kg	FT50JETL: 118.0 kg	FT25FETL: 92.0 kg
Separate, 25 litres	Separate, 25 litres	Separate, 25 litres
1.9 litres	1.9 litres	1.4 litres
Additional features		
Remote Control	Remote Control	Remote Control
Remote Control	Remote Control	Remote Control
Power Trim & Tilt	Power Trim & Tilt	Power Trim & Tilt
12V - 16A	12V - 16A	12V - 14A
Y-COP	Y-COP	-
Variable	Variable	-
Standard DNG	Standard DNG	-
Options available	Options available	Included

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



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 the 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.



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 your ask for Yamalube, the oil you can trust for your Yamaha outboard.



Right behind the RNLI

Photo: Chris Taylor

FREE
RNLI Off shore membership
with new Yamaha outboards

The RNLI has been using Yamaha outboards on many of their rescue craft for over 15 years. In recent years Yamaha WaveRunner VX personal watercraft RWC units have been deployed for RNLI lifeguard beach rescue duties and the Yamaha F115 outboard was chosen to power the new fleet of Atlantic 85 inshore lifeboats. Yamaha have always been proud to supply equipment and products to the RNLI knowing that these engines and personal watercraft were chosen by the RNLI because of their engineering quality, design and reliability. After all when RNLI volunteer lifeboat crew and lifeguards put to sea for a rescue they need to rely completely on their equipment.

Choose Yamaha and help support the charity that saves lives at sea

Yamaha are proud to be an Official Partner and supplier to the RNLI



Lifeboats



Authorised Yamaha Dealer

Yamaha's presence in the UK has resulted in establishing a very successful and renowned marine brand. Over the years, we have provided many customers with products which have given enjoyment and fulfilment during their ownership experience. Quality, choice, back up, support and innovation: you can trust Yamaha!



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