



2009

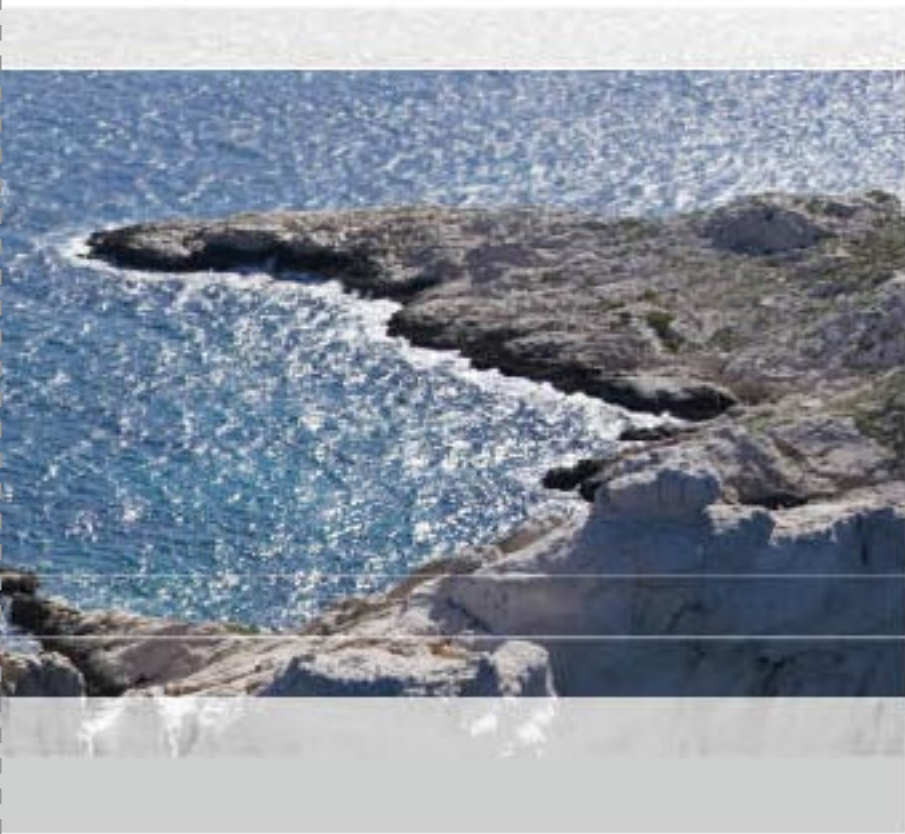
It's The World's Favourite Outboard...



...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.**



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The Yamaha Difference



Whether you're a recreational boat owner or a busy professional, choose the engine that will make your boat perform better - and which guarantees you a more relaxing and enjoyable time on the water. Choose a Yamaha.

Longer engine life and great value

... put that down to Yamaha's proven durability. The unique performance and turnkey 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.

Customer satisfaction and peace of mind

... guaranteed by Yamaha's turnkey reliability. No other outboard has more experience behind its name, or more happy, relaxed customers. Watersport enthusiasts ... families cruising ... tough, demanding professionals ... or friends out together having fun! For all of them, Yamaha's legendary turnkey reliability is what really counts.

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 have 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.

Supreme power and performance

... thanks to Yamaha's technical innovation. For over 50 years Yamaha has been at the leading edge, developing technologies specifically to meet the demands of the uniquely tough marine environment. Our very latest marine-dedicated engineering, combined with world-leading low-emission technology, delivers an unbeatable line-up of performance attributes. Responsiveness and acceleration. Smoothness and speed. Quietness and economy.



4-stroke Technology. Serious Innovation



You want a motor that starts first time, every time? That out-performs any other of the same size? That runs smoothly and economically? That's quiet and good-looking too? Of course you do. You want to know you've got the very best there is.

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 4-stroke powered engines. Headed by the world's first V8 4-stroke engine 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 most 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.



The Yamaha Difference

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 matchless 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.

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 and 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.

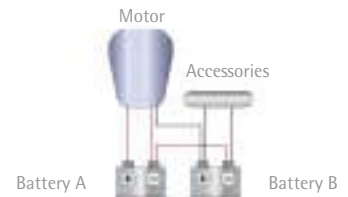
Counter-rotating Propeller Models

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.

CDI/TCI Ignition Systems

'Solid state' components with no moving parts and no maintenance required. They ensure the easy starting, reliability and consistent performance for which Yamaha outboards are renowned.

- Strong, steady spark at all speeds
- Consistent spark gives longer plug life



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.



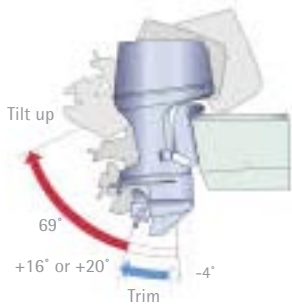
Fresh Water Flushing System

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 F6 and up.



Shallow Water Drive

Enables safe manoeuvring in shallow water and protects the propeller.



Wide Range Power Trim & Tilt

Compact, light and powerful system, unique to Yamaha. Quick response from push-button control makes trim and tilt swift, smooth and easy. Range of -4° to $+16^{\circ}$. The negative trim setting (-4°) improves acceleration and brings the boat onto the plane quickly. Available option on F25 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

Digital Instruments and Digital Network Gauges

For 2009 models from 30hp and up with EFI, an exciting range of digital network gauges is available.

See pages 38-39 for more details.

- 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

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 exterior engine components.

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.

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 sacrificial anode system.

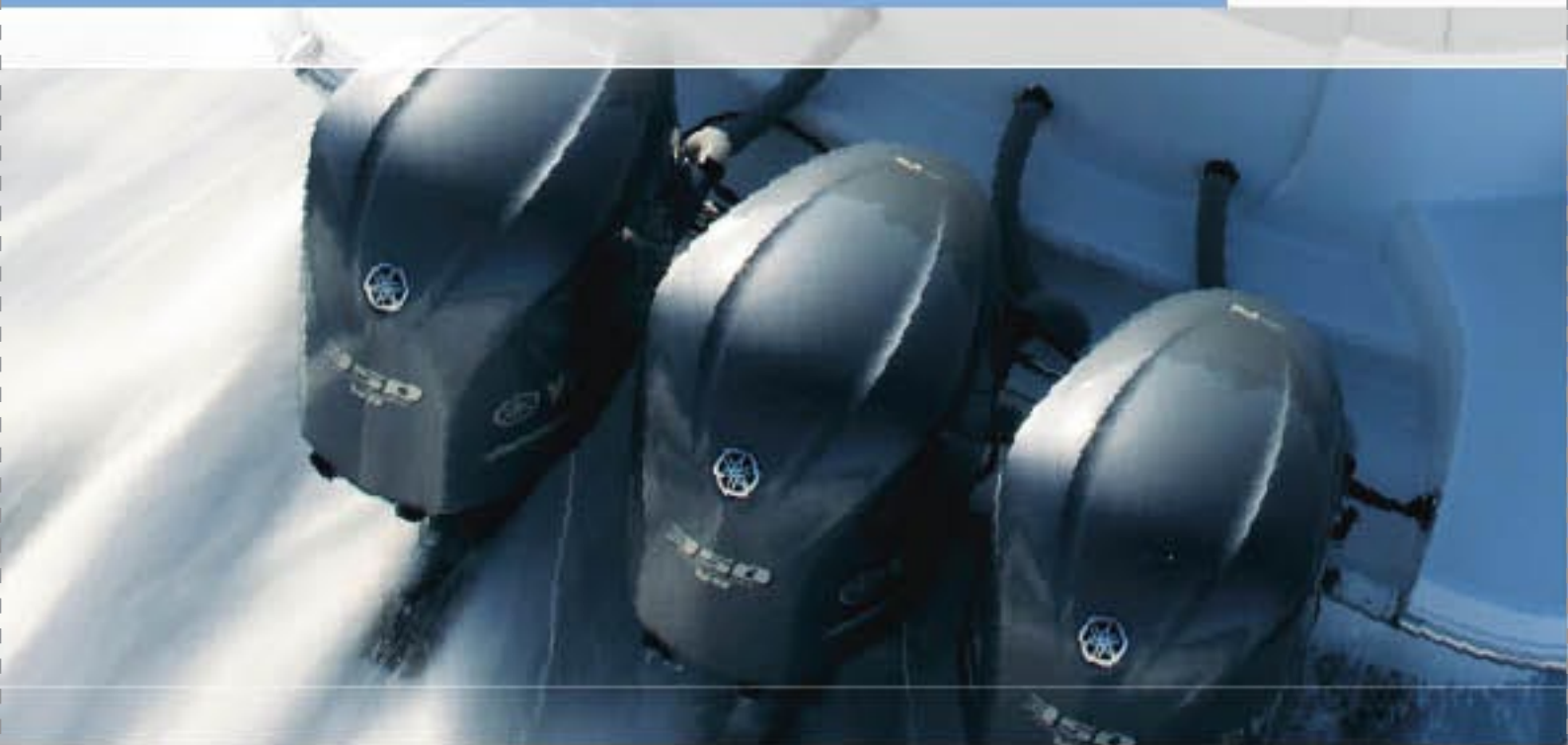
High quality stainless steel

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

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.

F350 // F300



All the V8 power you ever dreamed of! ...
... from the world's most powerful 4-stroke outboards.

The Yamaha Difference

- V8 power with EFI (Electronic Fuel Injection) for clean performance and fuel efficiency
- PrimeStart™ chokeless system, easy as starting your car
- Digital 'drive-by-wire' & electronic controls for revolutionary engine command and control
- Variable trolling RPM and engine synchronisation
- Wide Range Power Trim & Tilt allows for smooth control at the push of a button
- Enhanced Ultimate Corrosion Protection which will look after your engine - for life

There have simply never been engines like this before. The 5.3 litre Yamaha F350 and F300 are the first-ever 4-stroke V8 outboards. Backed by Yamaha's awesome technology, you get a total performance package.

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

It's a new level of engineering excellence and innovation that's totally revolutionary. Totally remarkable. Totally reliable. In a word, Yamaha.

Only Yamaha, with its unique market-leading position and legendary record of innovation, could have made the dedicated investment necessary to bring you such engines. 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 and F300 to deliver levels of dynamic performance never before achieved in any production outboard.



The art of technology



Not just power. Rely on it.



5.3 litre 60° V8 • DOHC • EFI
Sophisticated EFI system, lightweight forged pistons and 4 over-sized valves per cylinder. Massive power in a relaxed, effortless manner.



VCT – Variable Camshaft Timing
Precise valve control delivers maximum torque, especially in the 2000-3500 rpm range. Even a large boat gets easily onto the plane and away ... fast.



Dual In-bank™ exhaust
The exhaust system, routed centrally between the cylinder banks, results in a more compact engine. Power Surge Chambers ensure efficient combustion.



Ultra-tough gearcase and bearings
Lower units have ultra-strong bearings, bearing surfaces and streamlined underwater design. Dual water inlets keep everything cool and efficient.



Forged motor mounts
Everything is built tough! Forged aluminium mounts and oversized mounting bracket add extra strength and banish noise and vibration.



Long intake tracks
Individual 'pulse-tuned' long intake tracks deliver air to each cylinder at precise density and volume needed for maximum power and torque.

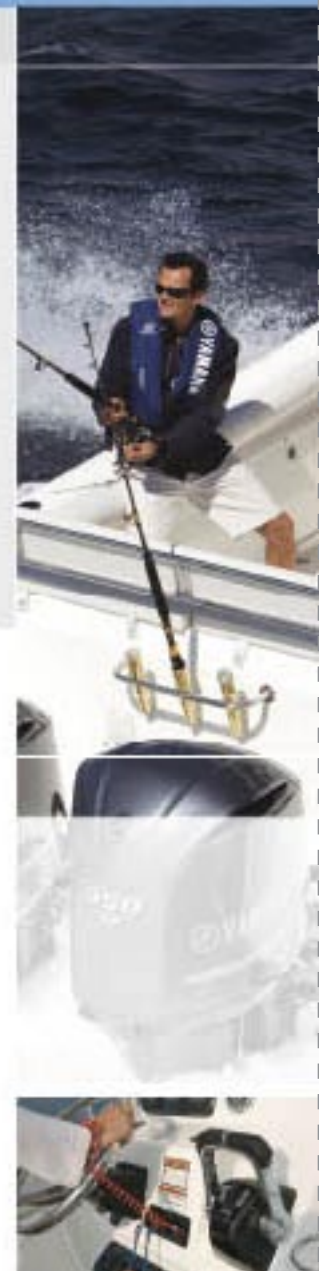
Providing unparalleled power and torque to move even the heaviest boats, the F350 and F300 deliver massive thrust and speed, but with incredible style and reliability. So it's go-anywhere time!

The 60° V8 configuration and unique In-bank™ dual exhaust system allowed us to create a revolutionary internal engine shape and layout. Result? A beautifully streamlined appearance and a stylish, powerful-looking design that will really turn heads when you park up. Or fly past.

Of course, where these awesome powerhouses will really win your heart is by giving you peace of mind – simply rely on Yamaha's legendary reputation for smooth, quiet operation, coupled with the sheer 'Turnkey Reliability' for which our name is renowned the world over.

Digital electronic controls

Smooth, easy throttle and gear control is only part of the story with the Yamaha 'drive-by-wire' system. Engine RPM synchronisation, a variable trolling RPM function and configuration for single, twin and triple installations complete the digital network picture.



F250



Powerful, smooth and economical.

The Yamaha Difference

- V6 power with EFI (Electronic Fuel Injection) for cleaner performance and fuel efficiency
- PrimeStart™ chokeless system, as easy as starting your car
- Digital 'drive-by-wire' electronic controls for revolutionary engine command and control
- Variable trolling RPM and engine synchronisation
- 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

Up to now, the F250 was the most impressive, technically advanced 4-stroke in this power class, with outstanding acceleration, great performance and mid-range torque. Not to mention blisteringly quick top speeds and a miserly attitude to the consumption of fuel.

But now, with our very latest F250, there's even more to love. Just like its bigger brothers, your control of this smooth, quiet, powerful and reliable engine is made finger-tip-easy with the amazing new Yamaha electronic

throttle and shift. Smooth is not a strong enough word for this system, which without doubt, will make you a better, more relaxed driver! Adjustable throttle friction and neutral detents? Naturally. Synchronisation with multiple engines? No problem. Plug and-play compatible with Yamaha's great range of Digital Network Gauges? Of course.

Experience the Yamaha F250. Add a new dimension to your boating pleasure.



F225 // F225C // F200



Top of their class. No contest.

The Yamaha Difference

- V6 power with EFI (Electronic Fuel Injection) for cleaner performance and fuel efficiency
- VCT (Variable Camshaft Timing) gives better acceleration and performance
- PrimeStart™ chokeless system, as easy as starting your car
- CDI/TCI ignition system for easy starting and ultimate 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

What do you really want from an outboard? If it's phenomenal power and acceleration, as well as clean, quiet, smooth economy, then look no further. Thanks to Yamaha's unique, fuel-efficient EFI system, microprocessor ECU, Variable Camshaft Timing, gas re-burning technology and noise reduction systems, the answer's right here.

Yamaha's legendary reliability and durability comes as standard of course, but there's another important advantage to these models; our sophisticated diagnostic system works via a plug-in computer link to show historical engine and performance data, making easy

work of maintenance and servicing at your Yamaha dealer. Like all EFI engines from 2007 onwards, the F225, F225C and F200 can also be linked to the leading edge Yamaha network system, so you can choose from the wide range of latest digital gauges and instrumentation from Yamaha.

The new F225C has a shorter shaft and more torque and low and mid-range, suitable for sporty boats.

Choose the F225, F225C or F200. Maximum enjoyment. No trouble.



F150 // F115



Powerful. Economical. Time to relax.

The Yamaha Difference

- EFI (Electronic Fuel Injection) for cleaner performance and fuel efficiency
- DOHC (Double Overhead Camshaft) engine for improved acceleration and performance
- PrimeStart™ chokeless system, as easy as starting your car
- Wide Range Power Trim & Tilt allows smooth control at the push of a button
- Counter-rotating propeller models for easier control of twin installations
- Yamaha's Ideal Anti-corrosion Protection, looks after your engine - for life

Power and feature-packed, these latest generation engines offer incredible performance, with easy starting, smooth acceleration and cleaner exhaust emissions. The proven Yamaha EFI System also brings outstanding fuel efficiency.

These are advanced DOHC (Dual 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! Unique Yamaha features like PrimeStart™ chokeless starting and our wide-range Power Trim & Tilt system are standard and counter-rotation propeller versions are available for twin installations.

The F150 and F115. They win friends so easily.



F100 // F80



Unmatched power. Unequaled reliability.

The Yamaha Difference

- EFI (Electronic Fuel Injection) for cleaner performance and fuel efficiency
- DOHC (Double Overhead Camshaft) engine gives improved acceleration and performance
- Variable trolling RPM
- PrimeStart™ chokeless system, as easy as starting your car
- 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

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).

PrimeStart™ chokeless starting, 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.



F60 // F50



Minimum Emissions. Maximum Enjoyment.

The Yamaha Difference

- EFI (Electronic Fuel Injection) for cleaner performance and fuel efficiency
- Micro-computer ECM (Engine Control Module) ensures maximum turnkey reliability
- PrimeStart™ chokeless system, as easy as starting your car
- Wide Range Power Trim & 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

People who care about the environment can still go out on the water with a clear conscience because Yamaha has pioneered new technologies to develop the 'cleanest' and most economical engines in this class!

The super-efficient EFI system delivers impressive power at high engine speeds and real torque in the mid-ranges, plus a powerful performance that's great for pulling skiers or wakeboarders. Great for all watersports in fact.

Other features designed to make your life easier include Yamaha's unique wide range Power Trim & Tilt, with its

instant push-button control, and PrimeStart™ chokeless starting, 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 F60 and F50. Keeping your enjoyment levels at maximum.



F40 // F30



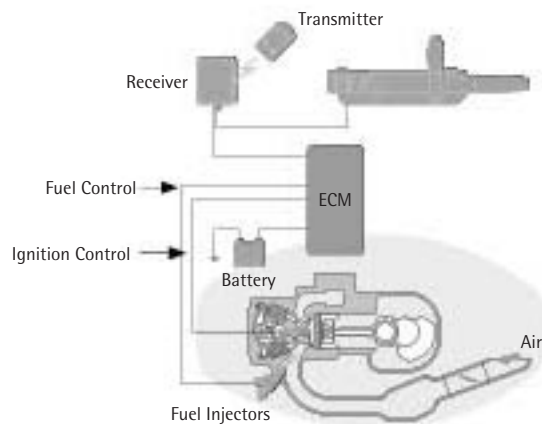
Great engines. Now with press-button security.

The Yamaha Difference

- EFI (Electronic Fuel Injection) for cleaner performance and fuel efficiency
- Y-COP - immobiliser security system. Push button control that secures your outboard
- PrimeStart™ chokeless system, as easy as starting your car
- 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

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

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 PrimeStart™ chokeless starting? Of course!



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.



F25 // F20 // F15



Small-engine convenience. Big-engine performance.

The Yamaha Difference

- PrimeStart™ chokeless system, as easy as starting your car
- CDI/TCI ignition system for easy starting and ultimate reliability
- High-output alternator provides extra 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

If you're wanting 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.

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) are other notable benefits. All in all, the perfect choice for commercial, professional or leisure use.

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



F9.9 // F8 // F6



Looking for a Lightweight Heavyweight?

The Yamaha Difference

- CDI/TCI ignition system for easy starting and ultimate reliability
- Strong tiller handle with twist-grip throttle allows easy and comfortable control
- 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

Since the latest-generation F9.9 joined the line-up, our range of outboards in this popular power class outperforms and outpunches 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 (especially the high-thrust FT9.9 - see pages 30-31) for duty as a sailboat auxiliary.

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, F8 and F6. They outperform and outclass any competition.



F4 // F2.5



The Powerful Portables.

The Yamaha Difference

- CDI/TCI ignition system for easy starting and ultimate reliability
- Strong tiller handle with twist-grip throttle allows easy and comfortable control
- Side shift selector, simple and convenient to use
- F-N-R gears (F4) • F-N gears + 360° steering (F2.5) make it safe and easy to manoeuvre
- Handy steering friction adjustment for relaxed and confident control
- Strong integral carrying handles for light, comfortable portability

Two remarkable engines that have won the hearts of owners around the world because, thanks to Yamaha's pioneering technology. These capable, reliable, stylish pick-up-and-go 4-stroke outboards are a joy to use and a pleasure to own. Yacht owners love them too, because they make great auxiliaries.

The convenience and portability of these well-balanced engines, with their large, comfortable carry-handles, is a big advantage, but the miserly fuel consumption, simple, user-friendly controls and vibration-free reliability count in their favour too. All this, plus superb handling and manoeuvrability - and knowing they will always start so easily - adds a new dimension to small boat adventures.



High Thrust



High Thrust = Work Horse

30

FT60 / FT50 / FT25 / FT9.9 / FT8

The Yamaha Difference

- Special gear ratios and propellers to deliver extra thrust and pulling power
- EFI (Electronic Fuel Injection) system (FT60/50) for cleaner performance and fuel efficiency
- PrimeStart™ chokeless system (FT60/50/25), as easy as starting your car
- CDI/TCl ignition system for easy starting and ultimate reliability
- High-output alternator provides extra starting power, even after low RPM idling
- Wide Range Power Trim & Tilt (FT60/50/25) for smooth control at the push of a button
- Power tilt available for FT8 and FT9.9

When you want power, driving force and manoeuvrability rather than just out and out speed, these High Thrust (FT) models are the perfect answer.

The FT models are special versions which set new standards of performance, at the same time reducing noise, vibration and fuel consumption.

Sailboats, fishing and workboats will benefit from Yamaha's patented Dual-Thrust propeller providing

full thrust in both forward and reverse. This allows for effortless manoeuvrability with impressive power against the water.

The FT50 and FT60 use a large propeller and special gear ratio and also feature the Yamaha EFI system, for clean, economical, reliable performance. The special high-output charging systems keeps batteries topped up even on long, low-speed trips.



Hydra Drive



The unique Yamaha HYDRA DRIVE will transform the performance of your boat ... and your enjoyment of it. One reason is the impressively smooth, quiet and reliable performance of the Yamaha diesel engine. Another is the advanced stern drive unit.

This features a compact, hydraulically operated multi-plate clutch system that is unique to Yamaha and brings a remarkable precision, smoothness and a quietness of shifting action that offers the driver a whole new experience. Genuine fingertip control at all speeds and a new level of relaxed enjoyment when it comes to smooth manoeuvring and docking.

For maximum performance and comfortable, "no steering torque" control, the special TRP version features twin counter-rotating propellers. TRP can be specified for any Hydra Drive installation, adding easier handling and more pleasure to the driving experience.

Add a choice of seven engine/drive combinations and power delivery starting at 165hp, and running up to 945hp with a triple installation and this is today's power package of choice.

Diesel stern drives to fit and forget.

Electric Drive - m26 • m20 • m18 • m12

Static thrust (kg)	25.0	20.8	16.3	13.6
Amp. draw*	43	42	36	30
Voltage	12	12	12	12
Speed control fwd/rev	Variable	5/3	5/3	5/3
Shift	Twist	Twist	Twist	Twist
Shaft	914mm	914mm	914mm	762mm
Weight (kg)	11	10	8	7
Bracket twist	Yes	Yes	Yes	Yes
Composite shaft	Yes	Yes	Yes	Yes
Weedless wedge	Yes	Yes	Yes	Yes
Pulse width modulation	Yes	No	No	No
Warranty **	2 year	2 year	2 year	2 year
	m26	m20	m18	m12

* On-the-water performance with motor set on highest speed
** Second year limited warranty

The Yamaha Electric Drive really is the most convenient, environmentally-friendly way to power a small boat.

These simple 12V units are very light and the adjustable bracket allows quick, effortless fitting to almost any small boat, while the comfortable, twist-grip throttle makes control and manoeuvring a lot of fun. They're tough, too, with permanent magnet motors, damage-resistant casings and coatings, and a special composite drive shaft that won't bend, break or corrode in normal use.

All Yamaha Electric Drives are fitted with a special Weedless Wedge propeller that maximises thrust and is designed to resist trailing weeds and other underwater debris.



Just switch on and go...

Specifications

Specifications	F350A	F300A	F250B	F225B	F225C	F200C	F150A
Engine type	4-Stroke	4-Stroke	4-Stroke	4-Stroke	4-Stroke	4-Stroke	4-Stroke
No. of cylinders/Configuration	60°-V8	60°-V8	60°-V6	60°-V6	60°-V6	60°-V6	4/In-line
Bore x Stroke (mm)	94 x 96	94 x 96	94 x 80.5	94 x 80.5	94 x 80.5	94 x 80.5	94 x 96.2
Displacement (cm ³)	5330	5330	3352	3352	3352	3352	2670
Full throttle range (rpm)	5000-6000	5000-6000	5000-6000	5000-6000	5000-6000	5000-6000	5000-6000
Prop shaft output at mid range (kW/ rpm)	257.4/5500	220.7/5500	183.9/5500	165.5/5500	165.5/5500	147.1/5500	110.3/5500
Weight with propeller (kg)* Weight without propeller (kg)	F350AETX: 365.0* FL350AETX: 365.0* F350AETU: 373.0* FL350AETU: 373.0*	F300AETX: 365.0* FL300AETX: 365.0* F300AETU: 373.0* FL300AETU: 373.0*	F250BETX: 276.1 FL250BETX: 276.1 F250BETU: 286.5 FL250BETU: 286.5	F225BETX: 278.0 FL225BETX: 278.0 F225BETU: 284.0	F225CETL: 265.0	F200CETX: 278.0 FL200CETX: 278.0	F150AETL: 214.0 FL150AETL: 214.0 F150AETX: 218.0 FL150AETX: 218.0
Recommended boat transom height (mm)	X:635 U:762	X:635 U:762	X: 635 U: 762	X: 635 U: 762	L: 508	X: 635	L: 508 X: 635
Carburettors	-	-	-	-	-	-	-
Electronic Fuel Injection	EFI	EFI	EFI	EFI	EFI	EFI	EFI
Fuel tank capacity (litres)	Option	Option	Option	Option	Option	Option	Option
Oil pan capacity (litres)	8	8	5.6	5.6	5.6	5.6	5.2
Lubrication	Wet-sump	Wet-sump	Wet-sump	Wet-sump	Wet-sump	Wet-sump	Wet-sump
Ignition/advance system	TCI/Computer	TCI/Computer	TCI/Computer	TCI/Computer	TCI/Computer	TCI/Computer	TCI/Computer
Lighting coil/alternator	12V -50A	12V -50A	12V - 46A	12V - 46A	12V - 46A	12V - 46A	12V - 35A
Gear ratio	15:26	15:26	15:30	15:30	15:30	15:30	14:28
Starter system	Electric	Electric	Electric	Electric	Electric	Electric	Electric
Steering	Remote control	Remote control	Remote control	Remote control	Remote control	Remote control	Remote control
Throttle and shift controls	Electronic remote control	Electronic remote control	Electronic remote control	Remote control	Remote control	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
Number of Propeller options	5	5	33	33	33	33	24
Size Range (ins)	17 - 25	17 - 25	11 - 29	11 - 29	11 - 29	11 - 29	11 - 29

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

F115A	F100D	F80B	F60C	F50F	F40F²	F30B²
4-Stroke	4-Stroke	4-Stroke	4-Stroke	4-Stroke	4-Stroke	4-Stroke
4/In-line	4/In-line	4/In-line	4/In-line	4/In-line	3/In-line	3/In-line
79 x 88.8	79 x 81.4	79 x 81.4	65 x 75	65 x 75	65 x 75	65 x 75
1741	1596	1596	996	996	747	747
5000-6000	5000-6000	5000-6000	5000-6000	5000-6000	5000-6000	5000-6000
84.6/5500	73.6/5500	58.8/5500	44.1/5500	36.8/5500	29.4/5500	-
F115AETL: 186.0 F115AETX: 191.0 FL115AETX: 191.0	F100DETL: 170.0	F80BETL: 170.0	F60CETL: 110.0	F50FETL: 110.0 F50FEDL: 107.0	F40FEDL: 87.7 F40FEHDS: 83.8 F40FEHDL: 88.1 F40FETS: 86.1 F40FETL: 90.4	F30BEHDL: 88.1 F30BETS: 86.1 F30BETL: 90.4
L: 508 X: 635	L: 508	L: 508	L: 508	L: 508	S: 381 L: 508	S: 381 L: 508
-	-	-	-	-	-	-
EFI	EFI	EFI	EFI	EFI	EFI	EFI
Option	Option	Option	Option	Option	Separate, 25	Separate, 25
4.3	4.3	4.3	2.5	2.5	2	2
Wet-sump	Wet-sump	Wet-sump	Wet-sump	Wet-sump	Wet-sump	Wet-sump
TCI/Computer	TCI/Computer	TCI/Computer	TCI/Computer	TCI/Computer	TCI/Computer	TCI/Computer
12V - 25A	12V - 25A	12V - 25A	12V - 17A	12V - 17A	12V - 16A	12V - 16A
13:28	13:30	13:30	13:24	13:24	13:26	13:26
Electric	Electric	Electric	Electric	Electric	Electric (FE)	Electric (BE)
Tiller (option) Remote control (option)	Tiller (option) Remote control (option)	Tiller (option) Remote control (option)	Tiller (option) Remote control (option)	Tiller (option) Remote control (option)	Tiller (FEH) Remote control (option) (FE)	Tiller (BEH) Remote control (option) (BE)
Remote control (option)	Remote control (option)	Remote control (option)	Remote control (option)	Remote control (option)	Twist grip (FEH) F-N-R/front shift (FEH) Remote control (FET)	Twist grip (BEH) F-N-R/front shift (BEH) Remote control (BET)
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 (FED)	Power Trim & Tilt (BET) Hydro tilt assist (BEHD)
24	24	19	19	19	19	19
11 - 26	11 - 26	11 - 25	9 - 17	9 - 17	9 - 17	9 - 17

²Standard with Yamaha Customer Outboard Protection

Specifications

Specifications	F25A	F20B	F15C	F9.9F	F8C	F6A
Engine type	4-Stroke	4-Stroke	4-Stroke	4-Stroke	4-Stroke	4-Stroke
No. of cylinders/Configuration	2/with balancer	2/In-line	2/In-line	2/In-line	2/In-line	2/In-line
Bore x Stroke (mm)	65 x 75	63 x 58.1	63 x 58.1	56 x 43	56 x 40	56 x 40
Displacement (cm ³)	498	362	362	212	197	197
Full throttle range (rpm)	5000-6000	5000-6000	5000-6000	5000-6000	5000-6000	4500-5500
Prop shaft output at mid range (kW/rpm)	18.4/5500	14.7/5500	11.0/5500	7.3/5500	5.9/5500	4.4/5000
Weight with propeller (kg) Weight without propeller (kg)*	F25AMHS: 62.0 F25AMHL: 64.0 F25AES: 65.0 F25AEL: 67.0 F25AETL: 71.0	F20BMHS: 51.7 F20BMHL: 53.7 F20BES: 52.7 F20BEL: 54.7 F20BEPS: 58.7 F20BEPL: 60.7	F15CMHS: 51.7 F15CMHL: 53.7 F15CES: 52.7 F15CEL: 54.7 F15CEHL: 55.7 F15CEPL: 60.7	F9.9FMHS: 39.9 F9.9FMHL: 40.9 F9.9FES: 41.6 F9.9FEL: 42.6	F8CMHS: 37.0 F8CMHL: 38.5	F6AMHS: 37.0 F6AMHL: 38.5
Recommended boat transom height (mm)	S: 381 L: 508	S: 381 L: 508	S: 381 L: 508	S: 381 L: 508	S: 381 L: 508	S: 381 L: 508
Carburettors	1	1	1	1	1	1
Electronic Fuel Injection	-	-	-	-	-	-
Fuel tank capacity (litres)	Separate, 25	Separate, 25	Separate, 25	Separate, 12	Separate, 12	Separate, 12
Oil pan capacity (litres)	1.7	1.6	1.6	0.8	0.8	0.8
Lubrication	Wet-sump	Wet-sump	Wet-sump	Wet-sump	Wet-sump	Wet-sump
Ignition/advance system	CDI/Computer	CDI/Computer	CDI/Computer	CDI/Computer	CDI/Computer	CDI/Computer
Lighting coil/alternator	12V - 6A (AM) 12V - 15A (AE, AET)	12V - 10A	12V - 10A	12V - 6A	12V - 6A	12V - 6A
Gear ratio	13:27	13:27	13:27	13:27	13:27	13:27
Starter system	Manual (AM) Electric (AE, AET)	Manual (BM) Electric (BE)	Manual (CM) Electric (CE)	Manual (FM) Electric (FE)	Manual	Manual
Steering	Tiller (AM) Remote control (AE, AET)	Tiller (BM) Remote control (BE)	Tiller (CM) Remote control (CE)	Tiller (FMH) Remote control (FE)	Tiller handle	Tiller handle
Throttle and shift controls	Twist grip (AM) F-N-R/front shift (AM) Single lever remote control (AET, AE)	Twist grip (BM) F-N-R/front shift (BM) Single lever remote control (BE)	Twist grip (CM) F-N-R/front shift (CM) Single lever remote control (CE)	Twist grip (FMH) F-N-R/side shift (FMH) Single lever remote control (FE)	Twist grip F-N-R/side shift	Twist grip F-N-R/side shift
Trim & Tilt method (Trim angle)	Manual (AM, AE) (8°, 12°, 16°, 20°, 24°) Power Trim & Tilt (AET)	Manual (BM) (0°, 4°, 8°, 12°) Power Tilt (BEP)	Manual (CM) (0°, 4°, 8°, 12°) Power Tilt (CEP)	Manual (0°, 4°, 8°, 12°)	Manual (4°, 8°, 12°, 16°)	Manual (4°, 8°, 12°, 16°)
Number of Propeller options	9	8	8	7	6	6
Size Range (ins)	8 - 14	6½ - 12	6½ - 12	6 ½ - 9 ¼	5 - 8½	5 - 8½

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

F4A	F2.5A	FT60D	FT50G	FT25B	FT9.9G	FT8D
4-Stroke	4-Stroke	4-Stroke	4-Stroke	4-Stroke	4-Stroke	4-Stroke
1	1	4/In-line	4/In-line	2/with balancer	2/In-line	2/In-line
59 x 41	54 x 31.5	65 x 75	65 x 75	65 x 75	56 x 43	56 x 40
112	72	996	996	498	212	197
4000-5000	5250-5750	5000-6000	5000-6000	5000-6000	5000-6000	5000-6000
2.9/4500	1.8/5500	44.1/5500	36.8/5500	18.4/5500	7.3/5500	5.9/5500
F4AMHS: 22.0 F4AMHL: 23.0	F2.5AMHS: 17.0 F2.5AMHL: 17.5	FT60DETL: 115.0 FT60DETX: 119.0	FT50GETL: 115.0	FT25BETL: 86.7	FT9.9GMHL: 44.3 FT9.9GMHX: 45.4 FT9.9GEL: 44.4 FT9.9GEX: 45.5 FT9.9GEPL: 49.1	FT8DMHL: 44.0 FT8DMHX: 45.0 FT8DEL: 44.0 FT8DEX: 45.0 FT8DEPL: 49.0
S: 381 L: 508	S: 381 L: 508	L: 508	L: 508	L: 508	L: 508 X: 635	L: 508 X: 635
1	1	-	-	1	1	1
-	-	EFI	EFI	-	-	-
1.1	0.9	Option	Option	Separate, 25	Separate, 12	Separate, 12
0.5	0.4	2.5	2.5	1.9	0.8	0.8
Splash	Splash	Wet-sump	Wet-sump	Wet-sump	Wet-sump	Wet-sump
TCI	TCI	TCI/Computer	TCI/Computer	CDI/Computer	CDI/Computer	CDI/Computer
-	-	12V - 17A	12V - 17A	12V - 15A	12V - 6A	12V - 6A
13:27	13:27	12:28	12:28	12:29	13:38	13:38
Manual	Manual	Electric	Electric	Electric	Manual (GM) Electric (GE)	Manual (DM) Electric (DE)
Tiller handle	Tiller handle	Tiller (option) Remote control (option)	Tiller (option) Remote control (option)	Remote control	Tiller (GMH) Remote control (GE)	Tiller (DMH) Remote control (DE)
Twist grip F-N-R/side shift	Twist grip F-N/side shift	Remote control (option)	Remote control (option)	Single lever remote control	Twist grip (GMH) F-N-R/front shift (GMH) Single lever remote control (GE)	Twist grip (DMH) F-N-R/front shift (DMH) Single lever remote control (DE)
Manual (4°, 8°, 12°, 16°, 20°)	Manual (0°, 4°, 8°, 12°)	Power Trim & Tilt	Power Trim & Tilt	Power Trim & Tilt	Manual (GM) (0°, 4°, 8°, 12°, 16°) depending on model Power Tilt (GEP)	Manual (DM, DE) (4°, 8°, 12°, 16°) Power Tilt (DEP)
3	5	23	23	20	6	6
6½ - 8	5 - 8½	11 - 28	11 - 28	9 - 17	5¾ - 12¼	5¾ - 12¼

Digital Network Gauges



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.

Stylish and easy to read

Simple and easy to install, these gauges are a pleasure to read and use ... and as tough and accurate as they look. We offer a choice of designs, and a range of mounts to suit your boat console, so if you own a Yamaha EFI outboard from 30hp and upwards then this is the system for you!

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 F30/F40/ F50/F60/F80/F100/F250/F300 and F350.

Reliability you expect from Yamaha

At the heart of this revolution is a reliable network system offering many advantages, not only for the

boat owner, but for boat builders and dealers too, because rigging, fitting and maintenance is now a breeze. No more untidy jumbles of separate wires, 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.

Compatibility and functionality

Both the network system and the Digital Network Gauges are perfectly engineered for Yamaha EFI outboards from 30hp upwards and are all 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 manufacturers who have chosen to use this protocol) can 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.



Flexible Rigging & Parts



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 engine selection of equipment available within the Flexible Rigging Programme are listed here. Your Yamaha Dealer will be pleased to help and advise you on the equipment that best suits your boat.

From 2007 models onwards (30hp and up) with EFI systems are now fitted with a linking port, allowing you to enjoy the benefits of Yamaha's sophisticated digital network system and to choose from our tempting range of **Digital Network Gauges**.

Gauges

Digital tachometer kit

Tachometer and speedometer kit

Remote Controls

Side-mounted remote control

Integrated remote control

Top-mounted remote control

Single key switch

Rigging kits

Counter-rotation kit

Wire harness for single key switch - 5m (16ft 5ins)

Wire harness for single key switch - 8m (26ft)

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



Tachometer



Speedometer



Twin Switch Panel



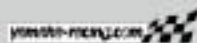
Fuel management gauge

Single Switch Panel





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Yamaha highly recommend the use of genuine Yamaha accessories and clothing. Contact your local dealer or visit our website: www.yamaha-motor-acc.com

Dealer: