





## Yamaha Off Road

## One step backwards and a giant leap forward.

If you want to lead the way you have to stick your neck out sometimes. Whether you're landing on the moon or creating the world's most technically advanced motocross bike, big risks need to be taken. Take Yamaha's revolutionary YZ450F for example. It's back-to-front engine layout was a big departure from the script and a huge gamble by Team Blue's engineers. But like all good calculated risks, the new YZ450F has paid off handsomely, leading Team CDR Rockstar Yamaha rider Jay Marmont to his third Australian MX title on the trot. It's this passion for the pursuit of perfection that drives everything Yamaha does. So whether you race a YZ450F or one of the smaller family members lines up on a PW50, you can be sure the same DNA runs right the way through. Which means the same attention to detail and meticulous build quality has been lavished on your off road bike. And it's not just the cutting edge MX bikes that are a platform for Yamaha's obsession with technology. Because for 2011 adventure riders are treated to a machine with genuine Dakar heritage and a host of control technologies never before seen on a Yamaha... either on or off road. The new XTZ1200 Super Ténéré is set to expand your motorcycling horizons in more ways than one. So whether you want to improve your lap times or take your time doing a lap of this big brown land, Yamaha has you covered with its comprehensive 2011 off-road range... all honed and tweaked in the pursuit of perfection. A big claim, but we've never been backward in coming forward.













## **Yamaha Motocross**

## Ever wonder why they present a blue ribbon for first place?

When the start gate drops, the BS stops. And you'd better be on something capable of getting you to the finish line ahead of your rivals. Otherwise it's a long drive home with your head ringing with 'Woulda, coulda, shoulda'. At Yamaha, we pride ourselves on developing state-of-the-art motocross bikes. Bikes that were good enough for the world's best riders such as Mikkola, Johnson, Hannah (ask your dad), McGrath, Everts and Reed. Bikes that continue to lead the rest home thanks to Marmont and Stewart. Maybe it's the passionate approach our design team takes, the way they are as pumped as the most die-hard race fans to see the fruits of their labour crossing the finish line ahead of the pack. Or maybe it's because race success drives the technology which feeds further victories in a glorious upward spiral. Whatever it is, blue is the colour when the gate drops and the big talk stops.













## **YZ450F**

## Still ahead of the pack.

It's been a year since Yamaha revolutionised the MX world with the introduction of the reverse-fed YZ450F. And it's safe to say that the new bike has hit the ground running.

With James Stewart out injured, it was left to Aussie rider Jay Marmont to show how capable the YZ450F is in the white heat of competition. Not forgetting Canadian rider Dusty Klatt who replicated Jay's feat by scooping a third national title in a row for the YZ450F.

It's a results business and such feats confirm the agility of the bilateral beam frame, the linear power delivery offered by the sweet fuel injection system and awesome punch from the high torque four-valve motor.

Taking mass centralisation in a different direction by fitting a rearward facing and backward tilted cylinder has paid off. And one of the major advantages of the machine is the optional plug-in Power Tuner that allows riders to go from mild to wild in seconds.

So whether you require the full power Marmont Map or a somewhat easier-to-hang-onto Clubman Curve, the YZ450F is all things to all riders.

One year on but still leading the way.







### **YZ450F Key Features**

- 1 YZ450F's revolutionary rearwardslanted cylinder achieves unmatched mass centralisation, concentrating inertial mass toward the centre of the machine. This bold design also swaps traditional intake and exhaust positions, putting the lightweight airbox and throttle body out front. This contributes to mass centralisation for nimble handling while also achieving a straight intake tract for superb combustion efficiency that delivers more power.
- 2 The cylinder is offset so the connecting rod is vertical at the moment of greatest combustion force, minimising piston friction against the cylinder wall. That means quicker response.
- 3 The 4-titanium valve cylinder head is matched to a fuel injection system developed specifically for the YZ450F. Instantly adapts to changing air/fuel mixtures depending on altitude and temperature, for an engine that delivers no matter what conditions.
- 4 The aluminium Bilateral Beam frame provides a superb rigidity balance that complements the engine for unmatched lightweight handling and cornering.
- 5 New for 2011 is a longer clutch actuation arm for a featherlight clutch operation.
- 6 Accessory GYTR Power Tuner lets bike tuners adjust air/fuel mixture and ignition timing maps to match engine performance characteristics to the rider and track conditions.

- The rearward-slanted engine allowed engineers to design straight intake and exhaust ports, creating the most direct path for air flow into the fuel-injected engine for incredible performance.
- The YZ450F uses a battery-less fuel injection system with a 12-hole injector for superb fuel atomization. The 44mm Keihin throttle body is designed for easy starting, with an integrated cold start and idle speed adjustment knob. Yamaha FI provides optimal air/fuel mixtures in all altitudes and wide range of temperatures for outstanding throttle response.
- 14 volt / 110W high output generator powers the battery less fuel injection system.
- 4-titanium valve cylinder head with a pent-roof design combustion chamber provides excellent combustion efficiency and unequalled power output.
- Intake and exhaust camshaft profile changes to increase valve working angle and valve lift for most excellent performance at all rpm.
- 97.0mm bore and short 60.8mm stroke, along with a higher 12.5:1 compression ratio, create a combustion chamber that delivers really impressive power.
- Front located air filter keeps dirt and dust kicked up from the rear tyre away from the intake system.

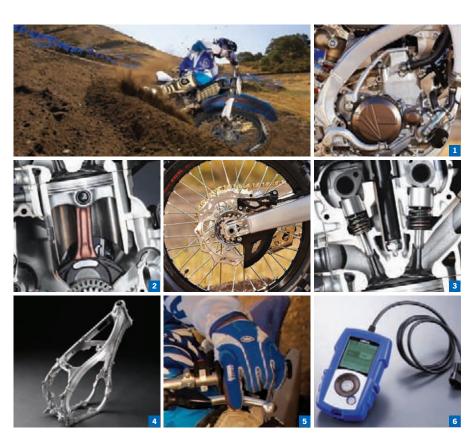
- Tornado-style exhaust header with resonator efficiently scavenges exhaust gasses and helps the engine achieve its exceptional low-to-mid range torque characteristics, while the muffler comfortably meets the latest noise standards without a sacrifice of power.
- Aluminium Bilateral Beam frame is crafted from a carefully chosen combination of forged and extruded aluminium, 16 components in all, for the right rigidity balance and light weight.
- The skid plate is constructed from tough polypropylene for exceptional protection and low weight.
- Rear shock is mounted along the central axis of the frame, taking advantage of the space no longer needed for the front-mounted airbox. This optimised combination delivers exceptionally linear performance for excellent bump absorption and awesome cornering ability.
- KYB Speed Sensitive front fork has long stroke for excellent feel and shock absorption.
- KYB rear shock with large capacity piggy back reservoir and 50mm piston for consistent damping control.
- Fuel tank is positioned underneath the seat, contributing to the centralised mass. The seat is long and flat for to allow free rider movement.
- Rear sprocket shape has a trick appearance and is light weight.







YZ450F in Special Edition Red & White





# **YZ250F**

## Flick it good.

You may not find 'flickability' in the dictionary, but it's one word that sums up the YZ250F... a bike that is a purpose-built 250, not a scaled down 450.

Its Bilateral Beam frame offers cornering speed and stability and allows the fuel tank to be positioned closer to the centre of gravity for light handling.

The result is a bike that apexes exactly where you want it to and changes lines instinctively. Add in a surprising amount of low down power, linear throttle response and sleek, lightweight bodywork, and you have a weapon that will help you cut faster laps, easier.

When the dictionaries eventually get around to defining flickability, look out for a picture of the 2011 YZ250F.



### **YZ250F Key Features**

- Bilateral Beam frame is specific to the 250 and more compact than the previous generation chassis placing the rider closer to the front wheel, offering unmatched lightweight handling.
- 2 Optimised engine delivers a new level of power in low-to-midrange, with a great torquey feel.
- 3 Lightweight valve spring retainers are aluminium instead of steel, and valve spring pressure is kept light for reduced valve opening force. This contributes to superior low-to-mid range torque characteristics due to less power-robbing friction. There's a high lift cam profile, and valve stem ends are chromium-nitride coated for reliability and reduced maintenance.
- Sharp styling emphasises the bike's light weight and nimble character. The horizontal lines set the bike apart, with a clean, aggressive look.
- 5 KYB suspension front and rear is specifically tuned to work with the 250's Bilateral Beam frame, providing unmatched handling.
- 6 Intake boot offers a straight, smooth tract for excellent engine breathing and more power. The airbox tucks neatly into the Bilateral Beam frame.
- Clutch lever has a light pull feel and strong engagement. The wide engagement range gives riders an advantage off the line... shift after shift.
- Exhaust port shape has a "D" shape that increases velocity through the port for excellent throttle response, enhancing the feeling of power.

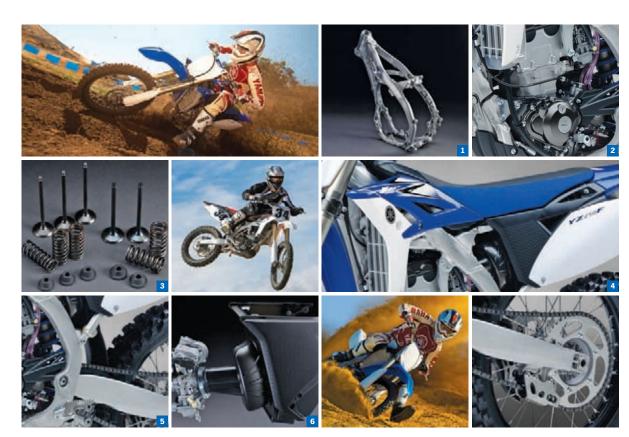
- The 250's radiator and oil tank are carefully positioned to maximise mass centralisation.
- Carburettor venturi shape, jetting and accelerator pump contribute to impressive throttle response, which in turn produces superb torquey low-to-midrange power characteristics.
- Exhaust pipe has been carefully tuned to optimise engine power, with a long, narrow core a design that comfortably meets the latest noise standards without sacrificing power.
- Strong gearbox and carefully selected ratios match engine power characteristics.
- Bilateral Beam frame is crafted from a combination of forged and extruded aluminium pieces 20 in all all welded together to provide unmatched rigidity balance.
- KYB speed-sensitive front fork delivers exceptional damping feel, responsiveness, and bump absorption characteristics. Damping settings are optimised.
- 4-way-adjustable KYB rear shock makes the most of the Bilateral Beam frame design. It's low in the frame for excellent mass centralisation, and has optimised damping characteristics.
- Tank, seat, and rear fender are flat and the relationship between handlebars, pegs, and seat result in a natural, forward riding position that facilitates rider movement.







YZ250F in Special Edition Red & White







## **YZ250**

## Four decades of title-winning know how.

Rumours of the two-stroke's demise have been greatly exaggerated, we're pleased to say. Yamaha's YZ250 is still winning races, and that's a good thing for riders who crave spine tingling performance honed from 40 years of title-winning development.

With its patented YPVS power valve system, YZ250 offers immediate off-idle power delivery, a smooth midrange and strong top-end with plenty of over rev.

State-of-the-art KYB speed sensitive suspension mates with a lightweight aluminium frame and all the good oil such as titanium footpegs and ProTaper aluminium bars to produce a ready-to-rip MX bike that's inexpensive to maintain.

Yamaha two-strokes – not going anywhere soon. Apart from the podium that is.

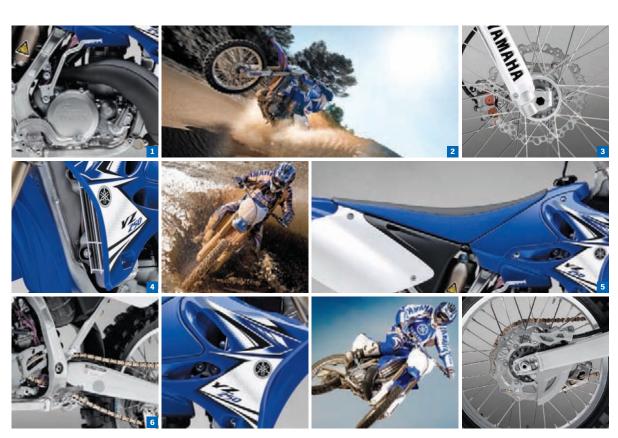


YZ250 in Team Yamaha Blue & White

### **YZ250 Key Features**

- 1 249cc liquid-cooled reed-valve-inducted twostroke engine is lightweight, compact and packs an incredibly wide, hard-hitting powerband.
- 2 Patented YPVS power-valve system combines crisp bottom-end acceleration with strong midrange and eye-opening top-end.
- 3 YZ250F-style front-brake caliper and wave type front and rear discs minimise unsprung weight and provide excellent stopping power.
- 4 Large-capacity radiator features a ten-row core and four louvres for maximum cooling efficiency.
- 5 Special-design "gripper" type seat and fuel tank, forward-canted steering crown and low handlebar provide excellent rider ergonomics.
- 6 A carefully engineered, advanced aluminium frame and swingarm give the YZ250 excellent handling.
- Special-design carbon fibre reed-valve petals improve throttle response and engine performance across the entire rpm range.
- Smooth-shifting, five-speed, close-ratio transmission with heavy-duty, multiplate clutch.
- Primary kickstarter ensures smooth, easy starting action and reduced weight.
- 38mm Keihin® PWK carburettor with power jet and throttle position sensor (TPS) ensures a precise fuel/air mix and crisp throttle response.
- Digital CDI ignition system delivers precise spark for faster, stronger response.

- Trick, works-style clutch lever features racespec barrel adjuster for on-the-fly adjustability.
- The KYB 48mm forks feature the Speed-Sensitive System that uses piston speed to control damping force for super-precise handling and a smooth ride.
- Lightweight, removable aluminium rear subframe constructed of square- section tubing.
- Rear, fully adjustable KYB shock features a super-light titanium shock spring and reduced-friction Kashima coating of internals. 315mm of travel, separate adjusters for high- and low-speed compression damping, and a full lock oil rebound system for increased comfort all add up to fantastic rear wheel control and a sweet ride.
- Lightweight 21-inch front and 19-inch rear Excel rims provide exceptional durability and help reduce unsprung weight for optimal suspension performance and handling.
- Tapered rear wheel spacers ease sliding the rear wheel into place for quicker tire changes.
- Premium Dunlop knobbies offer race-spec traction and wear.
- Wide, cleated, folding titanium footpegs are lightweight and provide excellent comfort, grip, and ground clearance.
- Wide-diameter fuel tank cap ensures easier usage, while larger tank opening means faster, hassle-free refuelling.





## **YZ125** and **YZ85/LW**

## Two strokes of pure genius.

YZ125: Step it up. Life is all about experiences and if you haven't sampled the lightweight yet hard-hitting package that is YZ125, make sure you jump on board some time.

Sharing a lot of the features from big brother YZ250, the six-speed 125 offers a similar experience in a more compact, lighter package. That means serious YPVS enhanced power combines with an advance suspension package and top line components to offer a thrill ride like no other.

In fact, the YZ125's awesome power-to-weight ratio is capable of taking your riding to a higher level.

The YZ125 is the perfect choice for riders moving up onto a big wheel, or for riders who just want to experience the scalpel like qualities of motocross at the precision end of the scale.

Enjoy the YZ125 experience now and ascend to a higher level.

YZ85/LW: Life begins at 85. Start them off right and they'll be set for life. That's where Yamaha's YZ85 comes in with its superior chassis design, explosively powerful engine and awesome lightweight handling.

These aggressive and quick turning machines pack a liquid cooled 85cc crankcase reed-valve inducted six speed powerplant. This light and compact screamer is mated to an agile high tensile steel chassis available in two different wheel sizes so you can fine tune the bike to your own mini James Stewart.

The YZ85s are the perfect platforms to introduce young guns into the character building world of MX racing. And they continue to dominate in junior racing circles at both state and national level.

YZ85: Get them off on the right foot.



### YZ125 Key Features

- 1 Lightweight aluminium frame and compact 124cc reed-valve-inducted two-stroke, resulting in an awesome power-to-weight ratio.
- 2 Premium drive chain has gold coloured plates for outstanding looks.
- 3 Ready to race out of the crate, complete with a ProTaper aluminium handlebar, titanium footpegs, gripper seat and Excel rims.
- Reed-valve spacer improves acceleration across the entire powerband.
- Patented YPVS power-valve system combines crisp, hard-hitting bottom-end acceleration with strong midrange and eye-opening top end.
- 38mm Mikuni TMX carburettor gives excellent throttle response and serious horsepower.
- Six-speed, close-ratio transmission optimises gear ratios for maximum performance.
- Digital CDI ignition system delivers precise spark and monitors engine speed to ensure optimal timing for faster, stronger response during hard acceleration.
- Trick, works-style clutch lever features racespec barrel adjuster for on-the-fly adjustability.
- YZ250F-style front-brake caliper and wave type front and rear discs minimize unsprung weight and provide excellent stopping power.
- Advanced aluminium frame and swingarm give the YZ125 the best handling in the class.

- Speed-Sensitive System 48mm KYB fork damping force is controlled by piston speed and provides a smoother, more precise ride.
- Square-section tubing removable aluminium rear subframe for reduced weight.
- Rear, fully adjustable KYB shock features a super-light titanium shock spring and reducedfriction Kashima coating of internals. 315mm of travel, separate adjusters for high and low speed compression damping, and a full lock oil rebound system for increased comfort all add up to fantastic rear wheel control and a sweet ride.
- Tapered rear wheel spacers ease sliding the rear wheel into place for quicker tire changes.
- Premium Dunlop knobbies offer race-spec traction and wear.
- Special-design "gripper" type seat and fuel tank, forward-canted steering crown and low ProTaper handlebar all help create greater freedom of movement and more comfortable ergonomics for riders.
- Wide, cleated, folding titanium footpegs are lightweight and provide excellent comfort, grip, and ground clearance.
- Use of light, box-head bolts throughout the chassis eases maintenance while reducing weight for increased performance.

## YZ85/85LW Key Features

- 4 Digital CDI ignition system puts out a precise spark and monitors engine speed to ensure optimal timing for quick, strong response.
- 5 Involute spline set-up in clutch means smoother shifting under power with great durability at competition-level usage.
- 6 Smooth-shifting, six-speed close-ratio transmission with heavy-duty, multiplate clutch delivers maximum hookup for outstanding acceleration and corner-exiting power.
- Two-piece clutch cover provides easy access during maintenance.
- Lightweight radiator has large cores and louvres, and the water pump features a cast aluminium (vs. resin) impeller for maximum cooling efficiency.
- Lightweight exhaust system helps create a broad powerband with strong low-end punch.
- Airbox design ensures greater air cleaning performance and easier maintenance.
- Rear suspension features fully adjustable Kayaba link-type shock with 280mm of travel and race-tested compression damping valving.
- 220mm front disc and 190mm rear disc brakes with stainless steel rotors deliver strong, precise stopping power.
- Lightweight 17-inch front and 14-inch rear rims (YZ85) and (19in/16in for YZ85LW) are durable and reduce unsprung weight.



Professional riders with advanced skill depicted on closed courses



## Yamaha Off Road

## For a life affirming experience.

Dirt bike riding isn't something you do, it's something you live. Which is why we put so much effort into creating machines that are easy to live with... bikes that make you ride more and worry less. It doesn't matter what type of riding you're into – enduro, trail, adventure or fun - Yamaha offers you a motorcycle that will enhance your off road experience. And don't confuse easy with softcore, because Yamaha delivers performance where it's needed. Maximum horsepower and handling for the hardcore enduro racers right through to press button starting and all day reliable running for the fun bike brigade. Need to keep chasing the sun when the tarmac runs out? No problem. We have a range of adventure machines that can take you on rides you'll never forget. So when you reach journey's end - whether that be back in your garage after a weekend in the state forest or in your swag with a view of Uluru as the sun sets – you can reflect on the utter dependability of the motorcycle that got you there. For your life affirming experience, contact your local Yamaha dealer.











off road

## WR450F and WR250F

## Who's the daddy?

**WR450F.** Blasting through the bush, throttle pinned. You're dancing between the trees with eyes firmly fixed as far as you dare. The trail unravels before you and damn it feels good.

With its YZ-bred five titanium valved engine producing seamless amounts of linear power and a controlled flex aluminium chassis offering pinpoint control, the WR450F propels you magic carpet like through the forest. Has your bike been here before? Because it seems to know the way.

But it's not just scenery blurring performance and auto pilot handling that attracts you to the daddy of all enduro bikes. Savvy customers also respect the WRF's enviable reputation for toughness and reliability.

That's a unique mixture of features that keeps this big dog at the head of the pack.

A combination of bark and bite that's easy on its owner.

**WR250F.** When it comes to 250cc enduro bikes, there's little choice according to the retail charts - Yamaha owners have claimed this capacity as their own.

Maybe it's the combo of pinpoint handling and awesome power to weight ratio that attract owners to the guarter litre WRF?

Or maybe it's the tractable engine and five titanium valve layout, the controlled flex aluminium frame design... or the same enviable reliability record as its big brother that pulls the crowds.

We think it's all of the above. Plus ask an owner and they'll point to the ability of the WR250F to slice through singletrack like nothing else out there

If you're looking for the best way to untangle tight terrain, look no further.



WR450F in Team Yamaha Blue & White



### **WR450F Key Features**

- Special crank balance factor and AC generator provide super-smooth running. A piston oil-jet provides increased cooling for long life.
- 2 Dry-sump lubrication system carries the oil reservoir inside the engine cases, for excellent mass centralization and simplified plumbing.
- **3** Large-capacity radiators with reinforcements ensure cooling efficiency with great strength.
- 4 39mm Keihin FCR flat-slide carburettor with throttle position sensor (TPS) produces ultra-precise fuel/air mixing and lightning-quick throttle response.
- "No tools" airbox uses hinge-type quick-open lid. Battery rides low for excellent handling.
- Digital CDI ignition system delivers more precise spark and monitors engine speed to ensure optimal timing for fast, strong response during hard acceleration.
- Wide-ratio five-speed transmission uses strengthened gears and YZ450F-spec multiplate clutch—good for quick-hitting power in the woods as well as eve-opening top-end power.
- Lightweight exhaust system maximises power and allows hassle-free replacement of oil filter.
- Light aluminium muffler with spark arrestor.
- Works-style clutch lever features oversize barrel adjuster for easy, on-the-fly adjustability of lever/cable play.

- YZ-inspired aluminium frame helps reduce weight while optimising mass centralization. An extensively tested assembly of aluminium forgings, castings and extrusions, the WR frame retains legendary Yamaha handling and response.
- Removable aluminium rear subframe made from square-section tube for reduced weight.
- Fully adjustable air-/oil-separate cartridge type fork delivers precise, fade-free handling; fork protectors provide excellent tube protection.
- Tapered swingarm adopts YZ-style linkage for controlled rear suspension action. Lightweight axle and holders reduce weight in a critical area.
- The KYB shock provides 12.0 inches of travel with adjusters for high- and low-speed compression damping, rebound and spring preload—and features a larger piggyback reservoir for excellent damping and fade resistance.
- Wave-type brake discs reduce unsprung weight and provide excellent performance. Front and rear calipers with aluminium pistons deliver strong stopping power with progressive feel.
- Lightweight 21-inch front and 18-inch rear Excel rims provide exceptional durability and help reduce unsprung weight for optimal suspension performance.

### **WR250F Key Features**

- High-revving five-titanium-valved engine startsand restarts with the push of a button.
- Digital enduro computer offers speedometer, clock, tripmeter, etc., in basic mode - or pace management functions such as timer, distancecompensating tripmeter, average speed, etc., when switched to race mode.
- Trick WR camshafts, carburation, and exhaust and ignition systems produce a quick-revving engine with great low- and midrange power.
- 37mm Keihin FCR flat-slide carburettor with throttle position sensor (TPS) ensures precise fuel/air mixing and super-quick throttle response.
- Tapered swingarm uses YZ-style linkage for controlled, compliant rear suspension action. Axle and holders reduce weight in a critical area.
- The KYB shock provides 310mm of travel with adjusters for high- and low-speed compression damping, rebound and spring preload—and features a larger piggyback reservoir for excellent damping and fade resistance.
- Front and rear calipers with aluminium pistons deliver strong, progressive stopping power.
- Durable lightweight 21-inch front and 18-inch help reduce unsprung weight for optimal suspension performance.
- ProTaper aluminium handlebar in forged triple clamp shaves weight and increases comfort.



Professional riders with advanced skill depicted on a closed course.





### **Super Ténéré Key Features**

- 1 Tear up tarmac and dominate dirt roads with 1199cc of effortless, 270-degree inline 2-cylinder grunt. Big, flexible torque meets quick revving power in a big-bore engine that's mounted low in the frame for sharper handling.
- 2 Sweet handling thanks to a low and central mass was one of Yamaha's key design goals. You'll notice the effects straight away - the superb balance and agility you feel at slow speeds and on loose surfaces, and the light, quick steering as you flick the bike effortlessly through switchback corners on mountain roads.
- 3 The intelligent ABS system predicts when the wheels are about to slide, and smoothly intervenes. And the Unified Brake System lets you choose between braking both wheels with just the front lever, or having total control over each wheel by touching the rear brake pedal first. Together they give you total control.
- 4 Choose how you want to ride, and get on the gas with confidence. The Super Ténéré features advanced Yamaha Chip-Controlled Throttle (YCC-T) technology with 3-stage traction control that can be turned off when it's time for a little rear-wheel steering in the dirt. The bike also has switchable Yamaha D-MODE engine mapping.

- 5 Tough spoked, tubeless aluminium rims. For reliable performance over the Australia's many dirt roads, the Super Ténéré runs spoked, tubeless aluminium rims. The narrow front rim features two Double T-type rails at the rim end of the spokes, letting the spokes cross over further to help generate the rigidity you need for agile on-road handling.
- 6 Adjustable front and rear suspension. Set the bike up for any situation - Super Ténéré's upside-down forks are fully adjustable for preload, compression and rebound damping. You can adjust the rear monoshock for preload and rebound damping without getting any tools out, making it easy to prepare the bike for passengers or heavy luggage.
- Adjustable seat height. Adjust the seat height between 845mm - 870mm to suit your height and your riding position preferences.
- Hardcore adventure fans have the option to pump the Super Ténéré experience to a whole new level. There's an extensive range of Yamaha Genuine Accessories specifically manufactured for the Super Ténéré. Rugged aluminium side cases, engine guard and aluminium skid plate, headlight protector and fog lamps all Yamaha tough and designed for the great outdoors.

### **Accessories**

Side Case Inner Bags. For Ténéré side cases.

Low Seat: 35 mm lower than the original seat and smaller width for better ground accessibility.

**Grip Heater Kit:** Features auto shut-off function to protect your battery when the power is low.

Aluminium Skid Plate: Strong 3 mm thick plate.

Fog Lamp Kit: 2 PIAA fog lamps, each 55 Watt.

Engine Guards. Steel tubes - easy installation.

**High Screen:** 70mm taller than standard, 4 mm hard coated polycarbonate.

Wind Deflector Kit. Easy installation - perfect fit.

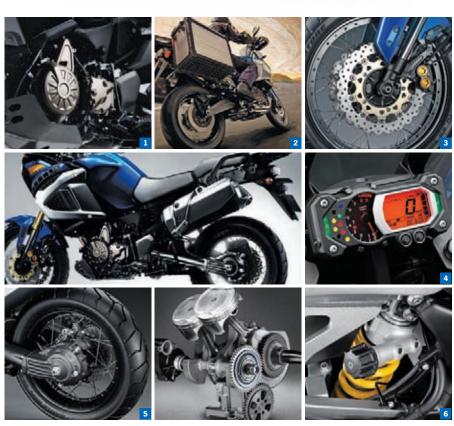
Tank Bag: 20L to 25L expandable bag. Anti-slip bottom and strong magnet fitment. Includes rain cover and easy accessible map holder.

Aluminium Top Case: 30 litre (fits helmet) with single key operation system (locks for top and side cases are included with the unit).

Aluminium Side Cases: Tough 32 litre and 29 litre (left side to clear exhaust) units.

Tank Pad. Protects fuel tank from being scratched by rider's jacket zipper.

LED Blinker Set: Comes with mounting brackets, tie raps and connectors, blinker speed regulating resistor and includes long wire with shrink sleeve. Available in black, carbon-look and chrome.



Professional riders with advanced skill depicted on a closed course



## XTZ660 Ténéré, XT660R and WR250R

## Engineered for the extreme.

XTZ660 Ténéré: Follow your imagination. Think long distance overland trip and one name springs to mind... Ténéré. Multiple Dakar victories and years of being the bike of choice for trans-continental expeditions have honed a well deserved reputation for adventure.

The 660cc Ténéré sports a ruggedly reliable single cylinder fuel injected powerplant delivering desert decimating amounts of grunt. Add a 23 litre fuel tank, trick screen and bodywork. Then throw in enough tough aluminium luggage and protection to satisfy your wanderlust. And then start imagining the possibilities...

Here's a bike with serious globe trotting potential that is as capable as a commuter as it is traversing Australia's network of dirt roads.

Where will your imagination take you?

XT660R: It's a jungle out there. But is it a concrete or a real tree infested jungle? No matter for the XT660R rider because here's a relentlessly tough high-spec all rounder built to survive whatever type of terrain you face.

The XT660R is a highly evolved member of the XT clan that thrives on journeys of any length. A bike that can waltz through the weekday commute and head out on the adventure trail when the weekend beckons.

This fuel injected 660cc thumper offers an attractive blend of torquey power and light steering in a true dual purpose package that continues a proud tradition of XTs dating back to the original Dakar rally thumpers.

Beefy Paioli forks and a powerful Brembo brake add substance to the European styled bike that asks you to take the road less travelled.

WR250R: Small bike, big trip. Not everyone needs a big bore beast to clock the clicks. Yamaha's ingenious WR250R is designed to rack up big kms on or off road without breaking sweat.

At the heart of this exciting dual purpose design is a powerful yet smooth fuel injected four-valve engine. The key features of this supertrail powerplant are precise throttle response with frugal fuel consumption, low emissions and service intervals that are the envy of most other dirt bike riders.

The 'R' model WR is so capable that owners are discovering a whole new area of off road fun - small capacity



XT660R in Sunset Red

### **XTZ660 Ténéré Key Features**

- Reliable XT660R based, liquid-cooled 660cc 4-stroke, single cylinder 4-valve SOHC features hassle free fuel injection.
- 2 Large capacity 23-litre fuel tank allows long non-stop trips in the full comfort saddle.
- 3 Paioli forks with 210mm travel complement Sachs rear shock with 200mm travel for plush off road performance.
- 4 Strong low to mid range torque makes for great power delivery whether on or off road.
- Rugged, lightweight diamond shaped frame and aluminium swingarm designed to handle long-distance adventure touring.
- Powerful dual 298mm Brembo brakes.
- Lightweight front cowl and screen offer good wind protection. Cowl is integrated with frame and engine protectors.
- Smart luggage system with integral rear carrier and grab rails.
- Full instrumentation includes digital fuel meter, analog rev counter and twin trip meters plus immobiliser system is fitted and wiring that allows quick fit alarm system.
- Removable rubber inserts on footpegs allows rider to tune for dirt or road.
- Wide range of accessories available including full luggage system.

### **XT660R Key Features**

- 5 Oversquare liquid-cooled XT engine is a proven performer, and utilises fuel injection, forged piston, 10:1 compression ratio, and a ceramic composite plated bore. The result is smooth torque, snappy power, and long term reliability.
- 6 The first roller type rocker arm valve lift mechanism ever on a Yamaha motorcycle engine. This system uses a lever to operate the valves, and enables high lift and shortened overlap between the intake and exhaust valves. The result is plenty of urge in the low to middle range and excellent exhaust performance.
- **Trick** diamond frame, beefy 43mm Paioli fork and a 21in front wheel fitted with a powerful Brembo brake combine to provide the most confidence inspiring handling package around.
- Large capacity 15 fuel tank has a built-in fuel pump, while the 1.9-litre oil tank is integrated within the frame.
- Dual stainless steel up-mufflers with three way catalytic converters plus Electronic Fuel Injection and Air Induction systems comply with EU-2 regulations.
- Lightweight aluminium forged piston, with an anodised surface treatment applied on the piston head to reduce oil consumption and to increase heat resistance.
- Less than 0.5 mm deep grooves on the piston pin area to reduce stress and increase lubrication.

### **WR250R Key Features**

- Liquid-cooled 4-valve engine with fuel injection features compact combustion chamber, 11.8:1 compression ratio and long service intervals.
- Trick digital display LCD speedo has diagnostic function for fuel injection system, stopwatch and distance compensation tripmeter.
- Long service intervals of 10,000km with valve clearance check at 40,000km intervals mean more time on the trails. This model also comes with a 24 month factory warranty.
- Large diameter titanium intake valves and high lift cams with excellent follow and lift characteristics allow high rpm levels.
- Weight saving wet sump engine lubrication system. Three axis layout (the relative positions of crankshaft, main shaft and drive shaft) further concentrates mass for excellent handling.
- Supersport type large capacity ACM (Alternative Current Magnet) alternator provides reliable electricity supply for lighting, spark and fuel injection system. Spark is further aided by direct ignition coil.
- Three section semi-double cradle frame adopts technology from the proven aluminium frames on the YZ250F and WR250F.
- Upside down 46mm diameter fork with 270mm stroke provides excellent cushioning.
- Slim steel fuel tank is shaped for excellent knee grip. Handlebar, seating and footrest locations create a comfortable riding position for road or dirt.



Professional riders with advanced skill depicted on a closed course.



## TT-R250, XT250 and TT-R230

### The trail tamers.

**TT-R250:** It's got a few surprises up its sleeve. Take a ride on the TT-R250 and you may be pleasantly surprised. Because the TT-R is the dirt bike version of the quiet achiever.

When the going gets slippy and the terrain starts to steepen, TT-R sniffs out traction while others succumb to wheelspin. It's this functional approach to dirt bike riding that appeals to owners who dig the minimal fuss and maintenance approach. Owners who also dig the two year factory warranty that comes on Yamaha trail and adventure bikes. Why not quietly achieve on the TT-R250?

**XT250:** Good time for a long time. Thanks to the legacy started by the legendary XT500, Yamaha does not bestow the XT prefix to just any old bike. And the 2011 XT250 is not just any old bike.

The 249cc engine is strong, responsive, and comes mounted to a chassis with a high level or braking, handling and suspension performance.

The result is an evolution of Yamaha's cult classic that has reached the highest level for this category – all without compromising the rock-solid dependability for which Yamaha XTs are famous.

**TT-R230:** Fun for the whole family. Versatile doesn't begin to describe the TT-R230. This air-cooled, electric starting 4-stroke dirt bike is a masterpiece of efficient simplicity – smooth, strong and the right size for a wide range of riders.

Attractive YZ style, built with quality and toughness to cope with life on the trail, the TT-R is outstandingly rideable and a whole heap of fun.

You'll quickly find an excuse for riding on the bike for all reasons.







### TT-R250 Key Features

- TT-R's air-cooled, 249cc DOHC four-valve powerplant cranks out heaps of low- and midrange power and revving out cleanly too.
- 2 Front and rear disc brakes are bred from the heat of competition, and provide superb power and control for confident stops.
- 3 43mm telescopic fork with 280mm of travel is calibrated for a plush ride in harsh terrain.
- Competition-inspired Yamaha Racing Team looks and bodywork with low seat height for excellent comfort and ease of rider movement.
- Six-speed transmission has smooth-shifting characteristics, and a heavy-duty clutch designed to handle more than its share of abuse.
- Rigid, YZ-style frame design with compact, 1410mm wheelbase ensures superb manoeuvrability and quick, responsive steering.
- Single shock rear suspension features remote reservoir, adjustable preload and 280mm of travel for excellent compliance and handling.
- High ground clearance of 300mm.
- Tough, 9.5 litre fuel tank provides excellent trail riding range.
- Enduro-style head- and tail lights for maximum night time visibility. Durable, plastic handguards come standard.
- Aluminium box-section swingarm features snail-type chain adjusters for quick and easy chain adjustments.

### **XT250 Key Features**

- 4 Rear wheel accepts wide range of good quality tubeless tryes that are easily repaired in an emergency.
- **5** A 249cc air-cooled, SOHC, 2-valve, 4-stroke engine has a bore x stroke of 74.0 x 58.0 mm, and a compression ratio of 9.5:1.
- Producing max. power at 7500 rpm and max. torque at 6500 rpm, the XT engine is characterised by sharp throttle response and smooth torque across the entire rpm range.
- Lightweight forged piston and plated cylinder contribute to engine responsiveness across the rpm range and excellent heat-dissipation characteristics.
- A 33mm vacuum carburettor enables smooth rpm development even in the case of low revs at large throttle openings (eg hill climbing). Plus environment friendly performance clears the latest emissions standards.
- Semi-double cradle frame is designed to optimise lateral and torsional rigidity, and contribute mass centralisation.
- XT250's beefy front suspension features improved damping and rigidity balance for better rider comfort and feel.
- Tight turning angle and short wheelbase provides a small turning radius of 1.9 metres.

### **TT-R230 Key Features**

- Confidence-inspiring handling and a rugged 223cc air-cooled, SOHC four-stroke producing predictable, broadband power.
- **7** Smooth-shifting, six-speed transmission with heavy-duty clutch geared for maximum versatility and usable power delivery.
- 3 TT-R230's competition-style flat seat/tank junction and narrow 8-litre fuel cell provides great rider mobility.
- Low seat height atop long-travel suspension.
- 36mm front fork with 240mm of wheel travel and 295mm of ground clearance.
- Lightweight exhaust has a quiet, approved muffler and spark arrestor.
- Automatic cam chain tensioner means minimal maintenance and longer engine life.
- Linkage-mounted rear shock serves up 220mm of smooth, progressive rear wheel travel.
- Aluminium box-section swingarm features snail-type chain adjusters for quick and easy chain adjustments.
- Front 194mm disc and 130mm rear drum brakes for powerful, confident stops. Full-size 21-inch front and 18-inch rear aluminium wheels keep unsprung weight down, while knobby tyres provide motocross-spec grip.



Professional riders with advanced skill depicted on a closed course.



## TT-R125E-LWE, TT-R110E, TT-R50E, PW80 and PW50

## Quality off road fun to suit all sizes.

**TT-R125E/LWE: Full on fun.** Yamaha's TT-R range is designed to offer full on fun in a range of sizes. It's a case of just press the button to fire up a torquey, easy-to-manage and reliable SOHC four-stroke engine.

On the 125s, riders can click down the user friendly five speed gearbox, ease out the clutch and pull away drama free thanks to a low seat height and choice of wheel sizes to suit.

Beginners can explore their newly acquired dirt riding skills on a big bike style manual clutch and gearbox while old hands can explore the outer limits of the property.

**TT-R110E: Big little bike.** It may look small but the TT-R110E has a big heart. An electric start, air cooled, single overhead cam, two valve heart that cranks out a broad powerband and asks for little maintenance in return.

The YZ-racer inspired look has universal appeal that is further enhanced by its simple four-speed, auto clutch operation. And an enviable reliability record and top notch build quality means this is one little bike that will get big use.

**TT-R50E:** Push and go! The last thing you want to be doing is walking down to the back paddock because junior can't kickstart his bike. With the push-button electric start TT-R50E you'll have no such issues.

If that's not a massive advantage for a small person's motorcycle, how about the race inspired design, a near unburstable four-stroke SOHC engine, an easy to use three speed auto clutch gearbox... and did we mention the electric start?

The good news for you is that Yamaha build quality means the TT-R50E is designed to keep running for your grandkids as well as your kids.

**PW50/80: Power to the PeeWee.** Check the gun racer's bio... odds on he or she started riding on a PW50 or PW80. The legendary two-strokes have a special place in motorcycle history and have given rise to the entire PeeWee fun bike class.

Simplicity is their appeal, with a low-stressed, throttle limiter-equipped two-stroke engine and rugged auto transmissions (PW50 is full auto, PW80 is semi-auto). Add in the light, easy to control running gear and hand operated pushbike style brakes and the PeeWees are a no brainer for the first timer.

Start them out on a PeeWee and watch them develop into a good, safe rider... and maybe even a top level racer?







PW80 in Team Yamaha Blue & White



PW50 in Team Yamaha Blue & White

### Real Fun riding the Real Deal.

Kid's know quality when they see it. They can tell a tuning fork product from any similar looking machine carrying a different badge. So make sure you do the right thing...

No matter their size or ability, a Yamaha fun bike builds confidence from the ground up. Starting with the beginner level PeeWees and grows up through the electric start TT-R range.

And the confidence rolls on, because Yamaha fun bikes boast enviable reliability that keeps them out of the garage and on the track.

Then when the time is right, they can be passed to the kid brother or sister. Because a Yamaha is the gift that keeps on giving

### **TT-R125-LWE Key Features**

- 1 Adjustable front suspension with large inner tubes and optimal damping and spring rate settings for superior cushioning and lateral rigidity for sharper handling.
- 2 YZ look bodywork allows plenty of room. Flat seat provides rider mobility for greater control.
- Big fun for the whole family, the YZ-styled. four-stroke-powered TT-R125 begs to be ridden by everyone from bigger kids to adults.
- TT-R125 offers large wheel (19in/16in) and small wheel (17in/14in) versions available to suit most rider sizes.

### **TT-R110E Key Features**

- 3 The convenience of electric starting, while a key-type main switch provides security.
- 4 Plenty of room to move. The flat seat not only complements the look but provides rider mobility for greater control.
- The 31mm diameter fork inner tubes provide optimal damping and spring rates to provide a plush (115mm) suspension stroke and confident front end feedback
- Monocross rear suspension achieves better mass concentration and a minimum ground clearance of 180mm. Together, these qualities contribute to excellent off-road riding.

### **TT-R50E Key Features**

- 5 Curved steel backbone frame keeps the TT-R50E narrow and has three engine-mounting points for excellent rigidity and handling.
- 6 Throttle stop screw lets the adult supervisor restrict speed while beginners are learning.
- Monocross style rear suspension is controlled by a single coil-over shock offering 71mm of bump-smothering rear wheel travel.
- Great for learning and/or playing, complete with 49cc of four-stroke fun feeding power through a three-speed automatic-clutch transmission.

### **PW80 Key Features**

- 7 A power-limiting exhaust restrictor allows adult supervisors to increase power output as skills improve.
- Exclusive Autolube oil injection system means no pre-mixing fuel and oil before riding.
- A seat height of 635mm provides better foot reach for added confidence at low speed or in tight conditions.
- A thick seat cushions the trail's blows and allows maximum rider movement.
- Large, folding footpegs with rubber grips provide excellent footing.

### **PW50 Kev Features**

- 8 Spunky 49cc two-stroke is built to thrill without intimidating beginners. Adjustable thorttle limiter means they learn at your speed, not theirs.
- A seat of only 485mm gives the littlest rider in the group a chance of putting both feet down.
- Exclusive Autolube oil injection system eliminates the need for fuel/oil premixing.
- Mag-style wheels mean there's no need to tighten or replace spokes.
- Class-exclusive shaft drive system is virtually maintenance-free and comes fully enclosed for added durability.



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# specifications

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### **YZ450F**

ENGINE ENGINE TYPE	Liquid-cooled, 4-stroke, DOHC, 4-valve
DISPLACEMENT	449.7 cc
BORE & STROKE	97.0 x 60.8 mm
COMPRESSION RATIO	12.5 : 1
LUBRICATION	Dry sump
<b>FUEL MANAGEMENT</b>	EFI
IGNITION	TCI
STARTER SYSTEM	Kick
FUEL TANK CAPACITY	6.0 L
OIL CAPACITY	1.2 L
TRANSMISSION	5-speed

### **CHASSIS**

SUSPENSION	FRONT	Telescopic fork
SUSPENSION	REAR	Swingarm
BRAKES	FRONT	Single disc
	REAR	Single disc
TYRES	FRONT	80/100-21 51M
	REAR	120/80-19 63M

### **DIMENSIONS**

LENGTH	2194 mm
WIDTH	825 mm
HEIGHT	1311 mm
SEAT HEIGHT	998 mm
WHEELBASE	1487 mm
<b>GROUND CLEARANCE</b>	383 mm
WET WEIGHT	111.5 kg with
	6.0 litres of fuel

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### **YZ250F**

ENGINE ENGINE TYPE	Liquid-cooled, 4-stroke, DOHC, 5-valve
DISPLACEMENT	250.0 cc
BORE & STROKE	77.0 x 53.6 mm
COMPRESSION RATIO	13.5 : 1
LUBRICATION	Dry sump
<b>FUEL MANAGEMENT</b>	FCR-MX37
IGNITION	CDI
STARTER SYSTEM	Kick
<b>FUEL TANK CAPACITY</b>	6.4 L
OIL CAPACITY	1.2 L
TRANSMISSION	5-speed

### **CHASSIS**

SUSPENSION	FRONT	Telescopic fork
SUSPENSION	REAR	Swingarm
BRAKES	FRONT	Single disc
	REAR	Single disc
TYRES	FRONT	80/100-21 51M
	REAR	100/90-19 57M

DIMENSIONS LENGTH	2166 mm
WIDTH	825 mm
HEIGHT	1304 mm
SEAT HEIGHT	990 mm
WHEELBASE	1473 mm
GROUND CLEARANCE	376 mm
WET WEIGHT	102 kg with 6.4 litres of fuel

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### YZ250

ENGINE ENGINE TYPE	Liquid-cooled,
	2-stroke, reed-valve
DISPLACEMENT	249.0 cc
BORE & STROKE	66.4 x 72 mm
COMPRESSION RATIO	8.9 ~ 10.6 : 1
LUBRICATION	Premix
FUEL MANAGEMENT	PWK38S
IGNITION	CDI
STARTER SYSTEM	Kick
<b>FUEL TANK CAPACITY</b>	8.0 L
OIL CAPACITY	0.8 L
TRANSMISSION	5-speed

### CHASSIS

SUSPENSION	FRUNT	relescopic fork
SUSPENSION	REAR	Swingarm
BRAKES	FRONT	Single disc
	REAR	Single disc
TYRES	FRONT	80/100-21 51M
	REAR	110/90-19 62M

### **DIMENSIONS**

LENGTH	2178 mm
WIDTH	827 mm
HEIGHT	1306 mm
SEAT HEIGHT	994 mm
WHEELBASE	1481 mm
<b>GROUND CLEARANCE</b>	382 mm
WET WEIGHT	103.9 kg with 8.0 litres of fuel

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### **YZ125**

ENGINE	
ENGINE TYPE	Liquid-cooled,
	2-stroke, reed-valve
DISPLACEMENT	124.0 cc
BORE & STROKE	54.0 x 54.5 mm
COMPRESSION RATIO	8.6 ~ 10.7 : 1
LUBRICATION	Premix
<b>FUEL MANAGEMENT</b>	TMX 38
IGNITION	CDI
STARTER SYSTEM	Kick
FUEL TANK CAPACITY	8.0 L
OIL CAPACITY	0.7 L
TRANSMISSION	6-speed

### CHASSIS

SUSPENSION	FRONT	Telescopic fork
SUSPENSION	REAR	Swingarm
BRAKES	FRONT	Single disc
	REAR	Single disc
TYRES	FRONT	80/100-21 51M
	REAR	100/90-19 57M

DIMENSIONS	
LENGTH	2135 mm
WIDTH	827 mm
HEIGHT	1315 mm
SEAT HEIGHT	997 mm
WHEELBASE	1443 mm
GROUND CLEARANCE	386 mm
WET WEIGHT	94.5 kg with
	8.0 litres of fuel

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## **YZ85 / YZ85LW**

ENGINE	
ENGINE TYPE	Liquid-cooled, 2-stroke, reed-valve
DISPLACEMENT	84.7 cc
BORE & STROKE	47.5 x 47.8 mm
COMPRESSION RATIO	8.2:1
LUBRICATION	Premix
<b>FUEL MANAGEMENT</b>	PWK28
IGNITION	CDI
STARTER SYSTEM	Kick
FUEL TANK CAPACITY	5.0 L
OIL CAPACITY	0.55 L
TRANSMISSION	6-speed

### CHASSIS

011710010		
SUSPENSION	FRONT	Telescopic fork
SUSPENSION	REAR	Swingarm
BRAKES	FRONT	Single disc
	REAR	Single disc
TYRES	FRONT	70/100-17 40M
		/ 70/100-19 42M
	REAR	90/100-14 49M
		/ 90/100-16 52M

	/ 90/100-16 52M		
DIMENSIONS			
LENGTH	1818 mm/1903 mm		
WIDTH	758 mm		
HEIGHT	1161 mm/1205 mm		
SEAT HEIGHT	864 mm/904 mm		
WHEELBASE	1255 mm/1286 mm		
GROUND CLEARANCE	351 mm/393 mm		
WET WEIGHT	71 kg with		
	5.0 litres of fuel		
	73.9 kg with		
	5.0 litres of fuel		

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### **WR450F**

ENGINE ENGINE TYPE	Liquid cooled, 4-stroke, DOHC, 5-valve
DISPLACEMENT	449.0 cc
BORE & STROKE	95.0 x 63.4 mm
<b>COMPRESSION RATIO</b>	12.3:1
LUBRICATION	Dry sump
<b>FUEL MANAGEMENT</b>	FCR MX39
IGNITION	CDI
STARTER SYSTEM	Electric & Kick
<b>FUEL TANK CAPACITY</b>	8.0 L
OIL CAPACITY	1.2 L
TRANSMISSION	5-speed
01140010	

### CHASSIS

SUSPENSION FROM		Telescopic fork
SUSPENSIO	N REAR	Swingarm
BRAKES	FRONT	Single disc
	REAR	Single disc
TYRES	FRONT	90/90-21 54M
	REAR	130/90-18 69M

### **DIMENSIONS**

LENGTH	2185 mm
WIDTH	825 mm
HEIGHT	1305 mm
SEAT HEIGHT	985 mm
WHEELBASE	1485 mm
GROUND CLEARANCE	365 mm
WET WEIGHT	122 kg with 8.0 litres of fuel











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## XTZ1200 Super Ténéré

Viper Blue

**ENGINE** 

	KING	
-		
T7120	0 6	Támáná

**ENGINE TYPE** Liquid-cooled, 4-stroke,

## XT7660 Ténéré



**XT660R** 

ENGINE

**WR250R** 

	4
	F
0	
(0)	

W	/R	2	5	n	F

ENGINE ENGINE TYPE	Liquid cooled, 4-stroke, DOHC, 5-valve
DISPLACEMENT	250.0 cc
BORE & STROKE	77.0 x 53.6 mm
<b>COMPRESSION RATIO</b>	12.5:1
LUBRICATION	Dry sump
<b>FUEL MANAGEMENT</b>	FCR MX37
IGNITION	CDI
STARTER SYSTEM	Electric & Kick
FUEL TANK CAPACITY	8.0 L
OIL CAPACITY	1.4 L
TRANSMISSION	5-speed

SUSPENSION FRONT Telescopic fork

REAR

**GROUND CLEARANCE** 365 mm

Swingarm

Single disc

2195 mm

825 mm

1305 mm

117 kg with 8.0 litres of fuel

990 mm 1480 mm

FRONT Single disc

FRONT 90/90-21 54M REAR 130/90-18 69M

SUSPENSION REAR

**DIMENSIONS** LENGTH

BRAKES

TYRES

WIDTH

HEIGHT

**SEAT HEIGHT** 

WHEELBASE

**WET WEIGHT** 

SOHC, 4-valve, forward			
inclin	inclined parallel 2-cylinder		
DISPLACEMENT	1199 cc		
BORE & STROKE	98.0 X 79.5 mm		
COMPRESSION RATIO	11.0 : 1		
LUBRICATION Dry Sump			
<b>FUEL MANAGEMENT</b>	EFI, YCC-T traction		
	control, D-MODE		
IGNITION	TCI		
STARTER SYSTEM	Electric		
<b>FUEL TANK CAPACITY</b>	23.0 L		
FINAL TRANSMISSION	Shaft drive		
TRANSMISSION	Constant mesh,		

IGNITION		TCI
STARTER SYS	TEM	Electric
FUEL TANK C	APACITY	23.0 L
FINAL TRANS	MISSION	Shaft drive
TRANSMISSIO	N	Constant mesh, 6-speed
CHASSIS		
SUSPENSION	FRONT	Telescopic fork,
		190mm travel
SUSPENSION	REAR	Monocross,
		190mm travel
BRAKES	FRONT	Dual 310 mm disc
	REAR	Single 282 mm disc
TYRES	FRONT	110/80 x 19 M/C
	REAR	150/70 x 17 M/C

TRANSMISS	ION	Constant mesh, 6-speed
CHASSIS		
<b>SUSPENSIO</b>	N FRONT	Telescopic fork,
		190mm travel
<b>SUSPENSIO</b>	N REAR	Monocross,
		190mm travel
BRAKES	FRONT	Dual 310 mm disc
	REAR	Single 282 mm disc
TYRES	FRONT	110/80 x 19 M/C
	REAR	150/70 x 17 M/C
DIMENSIO	ONS	
LENGTH	,,,,	2255 mm
WIDTH		980 mm
HEIGHT		1410 mm
SEAT HEIGH	IT	870mm
WHEELBASE		1540 mm
GROUND CL	EARANCE	205 mm
WET WEIGH	Т	261 kg with 23.0 litres of fuel

X1Z660	ene	ere
ENGINE ENGINE TYPE		Liquid-cooled, 4-stroke, SOHC, 4-valve, single
DISPLACEMENT		660.0 cc
<b>BORE &amp; STROKE</b>		100.0 x 84.0 mm
COMPRESSION	RATIO	10.0:1
LUBRICATION		Dry Sump
FUEL MANAGEN	IENT	EFI
IGNITION		TCI
STARTER SYSTE	M	Electric
FUEL TANK CAP	ACITY	23.0 L
OIL CAPACITY		2.9 L
FINAL TRANSMISSION		Chain drive
TRANSMISSION		Constant mesh, 5-speed
CHASSIS		
SUSPENSION FI	RONT	Telescopic fork, 210mm travel
SUSPENSION R	EAR	Monocross, 200mm travel
2.020	RONT EAR	Dual 298 mm disc Single 245 mm disc
	RONT	90/90-21 M/C 130/80-17 M/C
DIMENSIONS		
LENGTH		2260 mm
WIDTH		895 mm
HEIGHT		1500 mm

895 mm

1500 mm

206 kg with 23.0 litres of fuel

SEAT HEIGHT

WHEELBASE

WET WEIGHT

GROUND CLEARANCE 260 mm

ENGINE		
ENGINE TYPE		Liquid-cooled, 4-stroke, SOHC, 4-valve, single
DISPLACEMEN	Т	660.0 cc
BORE & STROK	E	100.0 x 84.0 mm
COMPRESSION	RATIO	10.0 : 1
LUBRICATION		Dry sump
<b>FUEL MANAGE</b>	MENT	EFI
IGNITION		TCI
STARTER SYST	EM	Electric
FUEL TANK CA	PACITY	15.0 L
FINAL TRANSM	IISSION	Chain drive
TRANSMISSION	N	5-speed
CHASSIS SUSPENSION I	FRONT	Telescopic fork
SUSPENSION I	REAR	Monocross
BRAKES I	FRONT	Single disc
ı	REAR	Single disc
TYRES I	FRONT	90/90-21 M/C
ı	REAR	130/80-17 M/C
DIMENSIONS	S	
LENGTH		2240 mm
WIDTH		845 mm
HEIGHT		1230 mm
SEAT HEIGHT		865 mm
WHEELBASE		1505 mm
<b>GROUND CLEA</b>	RANCE	210 mm
WET WEIGHT		181 kg with

ENGINE	
ENGINE TYPE	Liquid-cooled,
	4-stroke, DOHC,
	4-valve
DISPLACEMENT	250.0 cc
BORE & STROKE	77mm x 53.6 mm
COMPRESSION RATIO	11.8:1
LUBRICATION	Wet sump
FUEL MANAGEMENT	EFI
IGNITION	TCI
STARTER SYSTEM	Electric
FUEL TANK CAPACITY	7.6 L
OIL CAPACITY	1.5 L
TRANSMISSION	Constant mesh
	6-speed
CHASSIS	
SUSPENSION FRONT	Telescopic fork
SUSPENSION FROM	Fully adjustable
SUSPENSION REAR	swingarm
	(monocross)
BRAKES FRONT	Single disc
REAR	Single disc
TYRES FRONT	80/100-21 51P
REAR	120/80-18 62P
DIMENSIONS	
LENGTH	2180 mm
WIDTH	810 mm
HEIGHT	1230 mm
SEAT HEIGHT	930 mm
WHEELBASE	1420 mm
GROUND CLEARANCE	300 mm
WET WEIGHT	134 kg with
	7.6 litres of fuel

TT-R250

ENGINE ENGINE TYPE		Air-cooled, 4-stroke, DOHC, 4-valve
DISPLACEMENT		249.0 cc
<b>BORE &amp; STROKE</b>		73.0 x 59.6 mm
<b>COMPRESSION F</b>	RATIO	10.2:1
LUBRICATION		Wet sump
<b>FUEL MANAGEM</b>	ENT	Y30P x 1
IGNITION		CDI
STARTER SYSTEM	VI	Electric & Kick
FUEL TANK CAPA	CITY	9.5 L
OIL CAPACITY		1.45 L
TRANSMISSION		6-speed
CHASSIS SUSPENSION FR SUSPENSION RE		Telescopic fork Swingarm
BRAKES FR	ONT	Single disc
RE	AR	Single disc
TYRES FR	ONT	3.00-21 51P
RE	AR	4.60-18 63P
DIMENSIONS LENGTH		
		2195 mm
WIDTH		835 mm
WIDTH HEIGHT		835 mm 1255 mm
WIDTH HEIGHT SEAT HEIGHT		835 mm
WIDTH HEIGHT SEAT HEIGHT WHEELBASE		835 mm 1255 mm
WIDTH HEIGHT SEAT HEIGHT		835 mm 1255 mm 910 mm

### TRANSMISSION **CHASSIS**

SUSPENSION	FRONT	Telescopic fork
SUSPENSION	REAR	Monocross
BRAKES	FRONT	Single disc
	REAR	Single disc
TYRES	FRONT	2.75-21 45P
	REAR	120/80-18M/C 62P

5-speed

### **DIMENSIONS**

LENGTH	2160 mm
WIDTH	805 mm
HEIGHT	1160 mm
SEAT HEIGHT	810 mm
WHEELBASE	1360 mm
<b>GROUND CLEARANCE</b>	285 mm
WET WEIGHT	131 kg with

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### TT-R230

ENGINE TYPE	Air-cooled, 4-stroke, SOHC, 2-valve
DISPLACEMENT	223.0 cc
BORE & STROKE	70.0 x 58.0 mm
COMPRESSION RATIO	9.5:1
LUBRICATION	Wet sump
<b>FUEL MANAGEMENT</b>	Y26P x 1
IGNITION	DC - CDI
STARTER SYSTEM	Electric starter
<b>FUEL TANK CAPACITY</b>	8.0 L
OIL CAPACITY	1.3 L
TRANSMISSION	Constant mesh 6-speed

### **CHASSIS**

SUSPENSION FRO	NT Telescopic fork
SUSPENSION REA	R Swingarm
BRAKES FRO	NT Single 220mm disc
REA	R Drum
TYRES FRO	NT 80/100-21 NHS
REA	R 100/100-18 NHS

### DIMENSIONS

DIMENTOION	
LENGTH	2065 mm
WIDTH	800 mm
HEIGHT	1180 mm
SEAT HEIGHT	870 mm
WHEELBASE	1385 mm
GROUND CLEARANCE	295 mm
WET WEIGHT	116 kg with 8.0 litres of fuel

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## **TT-R125E / LWE**

ENGINE	
ENGINE TYPE	Air-cooled, 4-stroke, SOHC, 2-valve
DISPLACEMENT	123.7 cc
BORE & STROKE	54.0 x 54.0 mm
COMPRESSION RATIO	10.0:1
LUBRICATION	Wet sump
<b>FUEL MANAGEMENT</b>	VM20 x 1
IGNITION	Digital CDI
STARTER SYSTEM	Electric and kick
<b>FUEL TANK CAPACITY</b>	6.0 L
OIL CAPACITY	1.2 L
TRANSMISSION	Constant mesh 5-speed

### **CHASSIS**

SUSPENSION	FRONT	Telescopic fork
SUSPENSION	REAR	Swingarm
BRAKES	FRONT	Drum / Single
		220 mm disc
	REAR	Drum
TYRES	FRONT	70/100-17 40M /
		70/100-19 42M
	REAR	90/100-14 49M /
		90/100-16 52M

DIMENSIONS	
LENGTH	1845 mm / 1885m m
WIDTH	785 mm / 795 mm
HEIGHT	1060 mm / 1085 mm
SEAT HEIGHT	775 mm / 805 mm
WHEELBASE	1250 mm / 1270 mm
GROUND CLEAF	RANCE 265 mm / 295 mm
WET WEIGHT	90 kg with
	6.0 litres of fuel

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### TT-R110E

ENGINE	
ENGINE TYPE	Air-cooled,
	4-stroke, SOHC
DISPLACEMENT	110.0 cc
BORE & STROKE	51.0 x 54.0 mm
COMPRESSION RATIO	9.3:1
LUBRICATION	Wet sump
FUEL MANAGEMENT	VM16
IGNITION	DC - CDI
STARTER SYSTEM	Electric and kick
<b>FUEL TANK CAPACITY</b>	3.8 L
OIL CAPACITY	1.0 L
TRANSMISSION	4-speed

### **CHASSIS**

SUSPENSION	FRONT	Telescopic fork
SUSPENSION	REAR	Swingarm
		(monocross)
BRAKES	FRONT	Drum
	REAR	Drum
TYRES	FRONT	2.50-14-4PR
	REAR	3.00-12-4PR

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DIMENSIONS	
LENGTH	1565 mm
WIDTH	680 mm
HEIGHT	923 mm
SEAT HEIGHT	670 mm
WHEELBASE	1080 mm
<b>GROUND CLEARANCE</b>	180 mm
WET WEIGHT	72 kg with 3.8 litres of fuel

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### TT-R50E

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ENGINE	
ENGINE TYPE	Air-cooled, 4-stroke, SOHC, 2-valve
DISPLACEMENT	49.5 cc
<b>BORE &amp; STROKE</b>	36.0 x 48.6 mm
COMPRESSION RATIO	9.5:1
LUBRICATION	Wet sump
<b>FUEL MANAGEMENT</b>	VM11
IGNITION	DC - CDI
STARTER SYSTEM	Electric
<b>FUEL TANK CAPACITY</b>	3.1 L
OIL CAPACITY	1.0 L
TRANSMISSION	Constant mesh 3-speed

CHASSIS		
SUSPENSION	FRONT	Telescopic fork
SUSPENSION	REAR	Swingarm
		(monocross)
BRAKES	FRONT	Drum
	REAR	Drum
TYRES	FRONT	2.50-10 4PR
	REAR	2.50-10 4PR

### DIMENSIONS

Dimentorono	
LENGTH	1305 mm
WIDTH	595 mm
HEIGHT	775 mm
SEAT HEIGHT	555 mm
WHEELBASE	925 mm
<b>GROUND CLEARANCE</b>	135 mm
WET WEIGHT	57 kg with
	3 I litres of fuel

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### **PW80**

ENGINE	
ENGINE TYPE	Air-cooled,
	2-stroke, reed-valve
DISPLACEMENT	79.0 cc
<b>BORE &amp; STROKE</b>	47.0 x 45.6 mm
COMPRESSION RATIO	6.6:1
LUBRICATION	Yamaha Autolube
<b>FUEL MANAGEMENT</b>	VM15
IGNITION	CDI
STARTER SYSTEM	Kick
FUEL TANK CAPACITY	4.9 L
OIL TANK CAPACITY	0.75 L
TRANSMISSION	Constant mesh

### **CHASSIS**

SUSPENSION SUSPENSION		Telescopic fork Swingarm (monocross)
BRAKES	FRONT	Drum
	REAR	Drum
TYRES	FRONT	2.50-14-4PR
	REAR	3.00-12-4PR

3-speed

1E 40 mm

### **DIMENSIONS**

LENGIH	1540 mm
WIDTH	640 mm
HEIGHT	880 mm
SEAT HEIGHT	635 mm
WHEELBASE	1055 mm
GROUND CLEARANCE	185 mm
WET WEIGHT	61.0 kg with 4.9 litres of fuel





### **PW50**

ENGINE	
ENGINE TYPE	Air-cooled, 2-stroke, reed-valve
DISPLACEMENT	49.0 cc
BORE & STROKE	40.0 x 39.2 mm
COMPRESSION RATIO	6.0:1
LUBRICATION	Yamaha Autolube
<b>FUEL MANAGEMENT</b>	VM12
IGNITION	CDI
STARTER SYSTEM	Kick
<b>FUEL TANK CAPACITY</b>	2.0 L
OIL TANK CAPACITY	0.35 L
TRANSMISSION	Automatic

### **CHASSIS**

SUSPENSION	FRONT	Telescopic fork
SUSPENSION	REAR	Unit swing
BRAKES	FRONT	Drum
	REAR	Drum
TYRES	FRONT	2.50-10-4PR
	REAR	2.50-10-4PR

### **DIMENSIONS**

LENGTH	1245 mm
WIDTH	575 mm
HEIGHT	715 mm
SEAT HEIGHT	485 mm
WHEELBASE	855 mm
GROUND CLEARANCE	105 mm
WET WEIGHT	39.0 kg with















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