

YZF-R1 MOTOGP TECHNOLOGY. YOURS FOR THE TAKING.

Forget everything you ever knew about the supersport liter class. Because once you hear the unique exhaust note of the 2011 YZF-R1, it will become clear that this bike is unlike anything before. The R1 represents a major breakthrough in supersport technology and performance. Make no mistake, the R1's one-of-a-kind growl will speak to your soul.

LANE TECHNOLOGY DELIVERS POWER LIKE NEVER BEFORE: The YZF-R1 is the first-ever production motorcycle with a crossplane crankshaft. First pioneered in MotoGP racing with the M1, crossplane technology puts each connecting rod 90° from the next, with an uneven firing interval of 270°- 180°- 90°- 180°. The result? Incredibly smooth, roll-on power delivery out of the corners with outrageous amounts of torque like you've never thought possible. It's like having two engines in one: the low-rpm torquey feel of a twin with the raw, high-rpm power of an inline 4.

BODYWORK. THAT WORKS: The R1's futuristic bodywork does more than add break-awayfrom-the-crowd styling. It has a serious, uncluttered look. The side fairing is smooth for a sleek appearance. And instead of the usual four-bulb headlight design, it has just two projector-type bulbs mounted closer to the nose of the bike. This positions ram air ducts closer in for a more compact, smooth design. And the rounded lenses are totally unique to the supersport industry.

THIS CHANGES EVERYTHING: The 2011 R1. More than a bike. It's a whole other level of technology...and performance.



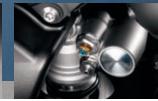
CROSSPLANE CRANK The crossplane crank swings four 78mm forged pistons on fracture-split connecting rods riding 36mm journals 90 degrees apart.



A swingarm designed to increase traction and feel during acceleration.



Yamaha Chip Control Intake (YCC-I) varies Adjustable rear shock lets you tune intake length for the broadest possible powerband. Dual-stage fuel injection mounts an injector above each intake.



for sharp bumps and sudden elevation changes independently.



YAMAHA. THE OFFICIAL MOTORCYCLE OF MAZDA RACEWAY LAGUNA SECA AND THE RED BULL U.S. GRAND PRIX. ALSO PROUDLY SUPPORTS YAMAHA CHAMPIONS RIDING SCHOOL AT MILLER MOTORSPORTS PARK.

To learn more about the YZF-R1, go to YAMAHA-MOTOR.COM



TRACK TESTED. STREET SMART.

As its Daytona 200 victory proves, the 2011 R6 is designed to do one thing very, very well: get around a racetrack, any racetrack, in minimal time. It's all about a screaming, high rpm plus fuel-injected four-cylinder engine bristling with nearly every advanced trick from the Yamaha book, in a taut, tunable chassis that lets it maneuver from upright to full lean instantly—and carve tight, perfect lines. Oh yeah, there's one more thing: It's a great street bike, too.

ofessional rider depicted on a closed course

YCC-I / YCC-T: Yamaha Chip Control Intake (YCC-I) is a variable intakelength system that broadens the powerband and reinforces the R6's amazing high-rev hit. Yamaha Chip Control Throttle (YCC-T) is an advanced fly-by-wire system that translates your wrist's commands into seamless, smooth power delivery under all conditions.

DUAL-STAGE FUEL INJECTION: A dual-stage injector system feeds 13.1:1 compression ratio combustion chambers for right-now throttle response and an uninterrupted eruption of horsepower.

SLIPPER CLUTCH: The R6's ramp-type slipper clutch greatly reduces engine braking for smooth high-speed corner entries.

LIGHTWEIGHT MATERIALS: Magnesium subframe, titanium exhaust, Controlled-Fill die-cast aluminum chassis parts—it adds up to a bike that bends into corners effortlessly, clings to inside lines and shoots itself down the next straight.



PREDATORY

High-speed air runs straight through the steering head and into the airbox, where air velocity becomes air pressure. Dual-stage fuel injection and our exclusive Yamaha Chip Control Throttle deliver a smooth rush of power all the way to redline.



IM TIIN A DII ITV

Both ends of the R6, including its piggyback reservoir rear shock, are adjustable for both high- and low-speed compression damping—the better to deal with both sharp bumps and sudden elevation changes



CIIIM CIIDED AME

A cast magnesium subframe is even lighter than aluminum and stronger.



YAMAHA CHIP CONTROL INTAKE

At lower revs, cylinders like longer intake tracts, so the R6's funnels move downward. At higher revs, the funnels are positioned in the tall setting, effectively giving the cylinders the short intake tracts they prefer at high rpm. The end result is a broad powerband.



NAKED TRUTH. THE NEW FZ8.

Some will use the brand-new FZ8's talents to punish others. Most, however, will simply draw immense satisfaction knowing they could. A quick once-over of the FZ8's 779cc powerplant, broad torque curve and ultra-lightweight handling and you're daydreaming about the urban legends you could spawn—not to mention the pretty heads you could turn. Throw a leg over your FZ8, and let loose in the canyons of concrete and steel.

MOTOR HEAD: A new fuel-injected 779cc inline four boasts a new 4-valve cylinder head, varied length intake funnels, 4-into-2-into-1 exhaust system and is mated to a 6-speed transmission, which all together provide smooth power and torque from the low-end to the mid-range, while still being able to be revved out to high RPMs.

STREETFIGHTER STYLING: The headlight assembly, fuel tank, tail section and seat shape all comprise the minimalist naked bike styling to show that this bike was built for urban combat.

3: An upright riding position is perfect for attacking everything from gridlock and on-ramps to canyons and back roads. It's both sporty and comfortable.



43mm inverted front fork and pre-load adjustable rear suspension allow the FZ8 to suit almost any riding conditions.



Monoblock calipers clamp down on 310mm front discs for fade-free braking performance. Sticky radial tires on provide sporty handling.

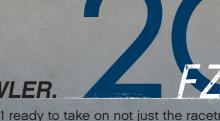


ALUMINUM FRAME+SWINGARM

An aluminum cast frame and a controlfilled die-cast aluminum swingarm provide the perfect balance of rigidity for carving corners as well as freeway commuting.



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BARE-KNUCKLE BRAWLER

Knees slightly bent, back straight, arms ready to attack. Think of the FZ1 as an R1 ready to take on not just the racetrack, but the world: Heavy traffic, broken-up pavement, bad backs—this is a bike for fight or flight, and the choice is entirely up to the rider. There's more fuel-injected power in that smooth 20-valve four-cylinder than most riders will ever use, in a sure-footed chassis that makes this bike the rider's best ally—from track days, to commuting, to sport touring.

ELECTRONIC FUEL INJECTION: The ultimate street brawler delivers 998cc of fuel-injected previous generation R1 power. Revised ECU mapping further enhances lows and mids, and produces a more linear power curve.

FOUR-INTO-ONE EXHAUST, EXUP VALVE: Four-into-one chamberless short-style exhaust contains stainless steel EXUP and three-way catalyst with oxygen sensor for outstanding power delivery throughout the rev range and low emissions.

FIVE-SPOKE R1 WHEELS, 190/50 REAR TIRE: Light, R1-spec five-spoke wheels and fat radial tires, including a 190/50-ZR17 rear, complete the look and serve up the traction.

ADVANCED, ADJUSTABLE SUSPENSION: Adjustable suspension lets the FZ1 be dialed in for a wide range of uses—everything from urban assault to sport touring to track days.











INFLEXIBLE An advanced aluminum frame shrinkwraps around its 20-valve R1-based engine. Bolting it up solidly at six points makes for a super-strong structure.

OWN THE CORNERS WITHOUT CUTTING ANY. We packed the 2011 FZ6R with all the features that make it easy for beginning riders to get started: an adjustable seat that's close to the pavement, grips that reach back to meet you, and a torquey, 600cc engine you won't outgrow anytime soon. Then we covered its beautiful diamond steel frame in a sleek fairing, gave it a cool, R6-style low exhaust—and hung on a price tag that makes it way more affordable than it looks. Now what's your excuse for not getting the cool sportbike you always wanted? POWER YOU CAN USE: A 600cc fuel-injected, high-compression fourcylinder engine makes maximum power at just 10,000 rpm, and max torque at 9,000 rpm; that's the kind of linear power that's easily accessible and highly usable on the street. DIAMOND STEEL FRAME: Allows the seat to be low so your feet can touch the ground, bolts solidly to the engine at four points, and is tuned for confident, sporty handling. LOOK THE PART: A full fairing looks great and protects the rider; a 4-into-2-into-1 low-mount exhaust system emits a raspy snarl and contains a threeway catalytic converter for low emissions.





The FZ6R seat is comfortable and low, fore and aft in adjustable clamps for a



Dual lightweight 298mm front hydraulic disc brakes paired with a 245mm rear hydraulic disc brake provide great feel



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kinds of weather. All these are things close to our hearts. And they're even better when they're part of an advanced touring motorcycle. that treats you to a velvety-smooth ride designed to go on all day long. Yamaha invented supersport touring. The FJR1300A defines it.

> SMOOTH POWER: 1,298cc worth of fuel-injected power, with maximum torque at just 7,000 rpm; a low-vibration crankshaft and dual counterbalancers mean all you feel is seamless thrust.

DURABLE DRIVETRAIN: A 5-speed gearbox passes power to the rear wheel through a strong, silent and virtually maintenance-free shaft drive.

ADVANCED AERO DESIGN: A wind-tunnel designed airflow system and electric-adjustable windshield let the rider adjust airflow depending on ambient temperature for the most comfortable ride.

S: Seat height can be set at 31.5 or 32.3 inches; handlebar pullback angle is three-position adjustable.

HEATED GRIPS: Keep your digits toasty when the going gets cold with adjustable electric-heated grips.



The FJRs are turned out with a level of fit, finish and sophistication that would look at home in an expensive touring car, including advanced, all-inclusive



A handlebar-mounted button lets you



The front brake lever activates six of eight front brake caliper pistons. The rear brake pedal activates the rear caliper and the two electronic antilock system, and all-surface motorcycle braking doesn't get any better

MAXIMUM POWER. MAXIMUM STYLE.

A fuel-injected 499cc parallel-twin engine, a lightweight aluminum frame and radial tires on 15-inch wheels mean this scooter goes like a sportbike. The TMAX has more than enough power to run with freeway traffic, and its aerodynamic fairing and expansive cockpit will get you there in maximum comfort and style—returning 47 miles or more per gallon* on average the whole way.



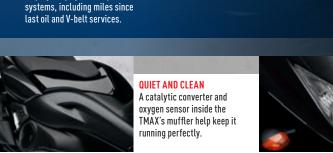




Sculpted bodywork wraps around a high-tech aluminum frame, with integrated turn signals and grab handles.



display keeps you on top of all



Halogen low and high beams provide plenty of visibility, ahead of a big, quiet cockpit.



*ACCORDING TO EPA EMISSIONS FUEL ECONOMY TEST (LA-4). YOUR ACTUAL MILEAGE MAY VARY.

TWO SIZES. BOTH READY TO ZOOM. ZUMA 125

The biggest Zuma brings it all into the modern era with a clean, fuel-injected four-valve engine that cranks out 89 mpg.* With its telescopic front fork, fat tires and rugged attitude, the Zuma 125 is designed to get you and a friend there, along with your gear, for years to come. Or choose the original Zuma: tough, bold and aggressive, its willing 49cc Autolube-injected engine and off-roadinspired running gear are ready to go practically anywhere—at up to 123 miles per gallon.*







UEL-EFFICIENT AND GREEN A catalytic converter and oxygen sensor inside the Zuma 125's muffler keep emissions low and fuel economy high.



The Zuma 125's easy-toread analog speedometer is flanked by a fuel gauge and indicator lights.

VINO CLASSIC A MODERN CLASSIC.

The Vino Classic is what happens when you combine classic styling with modern engineering—an elegantly simple solution to the age-old problem of getting where you need to be with maximum efficiency and style—with a little joie de vivre thrown in for fun. Powered by a clean, reliable 49cc four-stroke engine that starts with the push of a button and gets great gas mileage (110 mpg*). Featuring a fully automatic transmission and super low-maintenance drive system, the Vino Classic is ready to immediately transform driving drudgery into something more like a daily mini-vacation. Life's short, the Vino Classic helps you live a little.







BOXY IS BEAUTIFUL.

That cube shape gives the C³ great storage capacity—about 9 gallons—and it's hard to beat a 49cc fuel-injected four-stroke engine that gets up to 115 miles on a single gallon of fuel*. Big wide tires, motorcycle-style fork and that zippy engine mean it's a hoot to ride, too.



*ACCORDING TO EPA EMISSIONS FUEL ECONOMY TEST (LA-4).
YOUR ACTUAL MILEAGE MAY VARY.



A SPORTY PLUSH
A hydraulic telescopic fork up
front and a single shock at the
rear serve up a smooth ride.



FULLY INFORMED
Speedometer, odometer, fuel gauge and indicator lights are all here.

115

BORE x STROKE

CARBURETION

TRANSMISSION

SUSPENSION/FRONT

SUSPENSION/REAR

BRAKES/FRONT

BRAKE/REAR

TIRES/FRONT

TIRES/REAR

SEAT HEIGHT

WHEELBASE

FUEL CAPACITY

**WET WEIGHT

transport to your favorite track, desert, campsite—almost anywhere.

COLORS

RAKE (CASTER ANGLE)

*EST. FUEL ECONOMY

OVERALL DIMENSIONS (L x W x H) 81.1 x 28.1 x 44.5 in

TRAIL

FINAL DRIVE

IGNITION

COMPRESSION RATIO

CHASSIS



998cc liquid-cooled inline 4-cylinder;

Fuel injection with YCC-T and YCC-I

TCI: Transistor Controlled Ignition

6-speed: multiplate slipper clutch

43mm inverted fork; fully adjustable,

Single shock w/piggyback reservoir;

4-way adjustable, 4.7-in travel

Dual 310mm disc: radial-mount

220mm disc; single-piston caliper

orged 6-piston calipers

Team Yamaha Blue/White:

Candy Red

120/70-ZR17

190/55-ZR17

78.0 x 52.2mm

#530 O-ring chain

DOHC, 16 valves (titanium intake valves)



599cc liquid-cooled inline 4-cylinder;

Fuel injection with YCC-T and YCC-I

6-speed: multiplate slipper clutch

41mm inverted fork: 4-way adjustable.

Dual 310mm floating disc: radial-mount

220mm disc; single-piston caliper

Single shock; 4-way adjustable,

DOHC, 16 titanium valves

67.0 x 42.5mm

4.7-in travel

4.7-in travel

120/70-ZR17

180/55-7R17-

33.5 in

54.3 in

24.0°

3.8 in

4.6 gal

40 mpg

414 lb

Candy Red

Team Yamaha Blue/White:

80.3 x 27.6 x 43.3 in

4-piston calipers



998cc liquid-cooled inline 4-cylinder;

6-speed: multiplate wet clutch

43mm fork: fully adjustable.

Single shock; adjustable preload and

rebound damping, 5.1-in travel

245mm disc; single-piston caliper

Dual 320mm floating disc.

4-piston calipers

120/70-ZR17

190/50-7R17

32.1 in

57.5 in

25.0°

4.3 in

4.75 gal

35 mpg

485 lb

Liquid Silver

84.3 x 30.3 x 47.4 in

DOHC, 20 valves

77 fl x 53 6mm

Fuel injection

Digital TCI

O-ring chain

5.1-in travel



779cc liquid-cooled inline 4-cylinder;

6-speed: multiplate wet clutch

Single shock; adjustable preload,

267mm disc; single-piston caliper

Dual 310mm floating disc.

DOHC, 16 valves

68.0 x 53.6mm

Fuel injection

Digital TCI:

0-ring chain

43mm fork

5.1-in travel

5 1-in travel

120/70-ZR17

180/55-ZR17

32.1 in

57.5 in

25.0°

4.3 in

4.5 gal

39.8 mpg

470 lb

Raven

84.3 x 30.3 x 41.9 in

4-piston calipers



600cc liquid-cooled inline 4-cylinder;

6-speed: multiplate wet clutch

DOHC, 16 valves

65.5 x 44.5mm

Fuel injection

Telescopic fork.

Single shock; 5.1-in travel

Hydraulic disc. 298mm

Hydraulic disc. 245mm

83.5 x 30.3 x 46.7 in

5.1-in travel

120/70-ZR17

160/60-ZR17

30.9 in

56.7 in

26.0°

4.1 in

4.6 gal

467 lb

Reddish Copper/Raven

N/A

Digital TCI



1298cc liquid-cooled inline 4-cylinder;

5-speed: multiplate wet clutch

48mm fork: fully adjustable.

Single shock; adjustable preload and

rebound damping, 4.8-in travel

Dual 320mm disc. UBS ABS

282mm disc. UBS ABS

120/70-ZR17 radial

180/55-ZR17 radial

88.2 x 29.3 x 52.4 in

31.69 or 32.48 in

60.8 in

26.0°

4.3 in

6.6 gal

39 mpg

641 lb

Liquid Silver

DOHC, 16 valves

79.0 x 66.2mm

Fuel injection

5.4-in travel

10.8:1



499cc liquid-cooled DOHC

Electronic fuel injection

43mm telescopic fork

120/70-15 67H Radia

160/60-15 67H Radial

86.4 x 30.5 x 56.9 in

62.2 in

4.9 in

Swingarm

267mm disc

267mm disc

CVT double-cog V-belt automatic

66.0 x 73.0mm

4-stroke forward-inclined twin: 4 valves

ENGINE TYP

BORE x STROKE

FUEL DELIVERY

TRANSMISSION

COMPRESSION RATIO

SUSPENSION/FRONT

SUSPENSION/REAR

BRAKES/FRONT

BRAKE/REAR

TIRES/FRONT

TIRES/REAR

SEAT HEIGHT

WHEELBASE

GROUND CLEARANCE

*EST. FUEL ECONOMY

FUEL CAPACITY

**WET WEIGHT

COLORS

OVERALL DIMENSIONS (L x W x H)



49cc liquid/air-cooled

38.0 x 43.5mm

Teikei 14mm

V-belt automatic

110mm drum

110mm drum

65.6 x 24.8 x 39.6 in

90/90-10

90/90-10

28.1 in

45.7 in

3.3 in

1.2 gal

110 mpg

178 lb

Seashell

4-stroke single, SOHC, 3 valves

Telescopic fork: 2.3-in travel

Single shock; 2.1-in travel



49cc liquid-cooled SOHC

4-stroke single: 3 valves

Electronic fuel injection

Constantly variable automatic

Telescopic fork: 2.3-in travel

Unit swing; 2.2-in travel

110mm drum

110mm drum

120/90-10

120/90-10

28.9 in

50.4 in

4.5 in

115 mpg

198 lb

Pearl White

73.0 x 27.0 x 41.1 in

38.0 x 43.5mm



Electronic fuel injection

27mm telescopic fork

V-belt automatic

Dual shock

220mm disc

120/70-12 51L

130/70-12 56L

75.2 x 30.1 x 43.8 in

Drum

30.7 in

50.8 in

3.7 in

1.6 gal

89 mpg

207 lb

Raven



ZUMA 125	ZUMA	
125cc forced air-cooled SOHC	49cc air-cooled 2-stroke single;	
4-stroke single; 4 valves	reed-valve inducted	
52 / x 57 9mm	40 0 x 39 2mm	

	ZUMA	
SOHC	49cc air-cooled 2-stroke single;	
es	reed-valve inducted	
	40.0 x 39.2mm	
	7.0:1	10
n	Teikei 14mm	
	V-belt automatic	
	Telescopic fork; 2.6-in travel	
	Single shock; 2.4-in travel	
	155mm disc	
	Drum	
	120/90-10	
	130/90-10	
	74.4 x 27.8 x 43.7 in	
	30.1 in	
	50.2 in	
	4.7 in	18

123 mpg

Team Yamaha Blue/White

207 lb

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ACCORDING TO EPA EMISSIONS FUEL ECONOMY TEST IL A-41. YOUR ACTUAL MILEAGE MAY VARY.	** WET WEIGHT INCLUDES THE VEHICLE WITH ALL STANDARD EQUIDMENT AND ALL TLUIDS. INCLUDING OI	L. COOLANT IAS ADDLICADLEI AND A TULL TANK OF TUEL. IT DOES NOT INCLUDE THE WEIGHT OF OF	tions or accessories. Wet weight is useful in making real-world comparisons with other model
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INVERTERS/GENERATORS>>>

Whatever you've got going on in the outdoors, we've got the power equipment you need to make sure it all keeps humming along as planned. More than 50 years of building the highest-quality machines from the highest-quality materials means Yamaha products are designed to outlast and outperform under the toughest conditions.





Specifications subject to change without notice. ** Wet weight includes the vehicle with all standard equipment and all fluids, including oil, coolant (as applicable) and a full tank of fuel. It does not include the weight of options or accessories. Wet weight is useful in making real-world comparisons with other models.





It weighs only 151 pounds, but this value-packed unit still packs Pulse Width Modulation technology and Smart Throttle, which automatically varies engine speed based on load.

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There are few joys in life equal to the free-spirited thrill and experience of motorcycling. And that's why it's important for all of us to do our part as responsible riders. By following logical, common-sense rules, we can maintain season after season of unparalleled enjoyment of our sport. Always remember to review your Yamaha Owner's Manual and Tips Booklet before you ride. Before each ride, take time to check all your equipment. Always wear an approved helmet, eye protection, long-sleeved shirt, long pants, gloves and boots. And always be sure your bike is in first-class condition before riding. Never ride an off-road motorcycle on paved surfaces or public roads; never carry passengers; never engage in stunt riding and avoid excessive speed. Provide parental supervision when a motorcycle is being operated by a minor. Every motorcycle rider should be aware of the limits of his or her skills, experience and abilities and ride accordingly. Beginners should be extremely cautious and allow extra time and distance for maneuvering and braking. All riders should ride well within the limits of their abilities, never beyond them. Do not drink and ride. It is illegal and dangerous. Yamaha and the Motorcycle Safety Foundation encourage you to ride safely and respect the environment. For further information regarding the MSF course, please call 1-800-446-9227. The riders used during photography of this brochure are highly skilled, very talented professional racers. All of the action was shot on a closed course, and is not intended to be duplicated in any way. Yamaha reserves the right to change specifications without notice. Confirm with your dealer before purchase. Specifications and measurements are approximations and subject to variances. Sportbikes feature a 1-Year Limited Factory Warranty, Limited warranty does not apply to units used for racing. See your dealer for details. Printed on recycled paper in the U.S.A. To find the Yamaha Dealer nearest you, call 1-800-88-YAMAHA.

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ENGINE

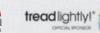
CHASSIS

DIMENSIONS













information and a rate quote, see your dealer or visit yamaha-motor.com



