

2019

VMAX



Matte Raven Black
\$17,999 MSRP* \$425 Destination Charge*

TOP FEATURES

1. Power Unrelenting

The ultimate power cruiser delivers unmatched performance from its 65-degree, four-valves-per-cylinder, 1679cc V-four—producing eye opening amounts of perfectly controllable acceleration, flowing from a compact engine that looks as powerful as it is.

2. Advanced Ride-by-Wire Throttle

Downdraft four-bore fuel injection with YCC-I® intake technology and YCC-T® fly-by-wire throttle provide awesome acceleration throughout the broad powerband.

3. High-Tech Aluminum Chassis

Lightweight aluminum chassis puts the engine low and forward for mass centralization, resulting in a machine designed to handle curves as well as straightaways.

4. Performance Technology

Borrowing liberally from advanced sportbike technology, VMAX® features a slipper clutch, wave-style brake discs, ABS, and complete suspension adjustability front and rear.

5. Unmatched Fit and Finish

Functionality and forward-thinking style uniquely combine with features like oxidized-titanium-coated 52mm front fork tubes, magnesium engine side covers, fluorinated polyethylene fuel tank and the organic electroluminescence multifunction display.



*Manufacturer's Suggested Retail Price (MSRP) shown. Does not include tax, title, prep or destination charges. Actual prices set by dealer.

FEATURES & BENEFITS

ENGINE

Power Unrelenting

The thunderous 1679cc, 65-degree, liquid-cooled, fuel-injected four valves-per-cylinder, DOHC engine pumps out astonishing power to reinvent the VMAX legend. You've never experienced anything like it.

Variable Length Intakes

The superbike-proven Yamaha Chip Controlled Intake (YCC-I) switches nearly instantaneously between 150mm and 54mm height intake funnels as needed for a broad powerband that delivers optimum performance at any rpm.

Ride-by-Wire Throttle

Yamaha Chip Controlled Throttle (YCC-T), the fly-by-wire system, delivers optimum acceleration under all conditions.

Race-derived Combustion

Engine combines four-valve technology with a high 11.3:1 compression ratio, forged aluminum pistons and NGK® Iridium spark plugs with R1-type direct ignition coils to extract maximum horsepower from the fuel charge.

Compact Cam Drive

Cams are driven by a combined chain and gear system to precisely control valves while keeping cylinder heads remarkably compact for such a large displacement engine.

Slipper Clutch

Hydraulically activated clutch includes racetrack-proven ramp-type slipper clutch system that makes braking from speed while downshifting smoother.

Robust Five Speed Transmission

Five-speed transmission has superbly spaced gear ratios to take full advantage of the engine's awesome power in straight-line acceleration or through the canyons.

Unique Shaft Drive

Delivering this power cruiser's muscle to the street means a beefy shaft drive. Special shaft design includes two cross joints to accommodate the fat 200/50R18 rear tire.

High Volume Cooling

The high-performance engine is cooled by two radiators for efficiency and clean looks. Lubrication is via a simple, reliable wet sump system.

V-four Voice

Four-into-one-into-two-into-four exhaust system with EXUP® delivers a broad, seamless powerband with the right VMAX look... and a sound

Custom Styling

The iconic VMAX aluminum intake covers are hand buffed by craftsmen for superb quality and individuality.

CHASSIS/SUSPENSION

High-Tech Aluminum Chassis

The chassis is light and compact, with a cast aluminum main frame, Controlled-Fill die-cast and extruded aluminum rear frame and cast aluminum swingarm.

Huge, High-tech Fork

Cartridge-damper-type front forks have substantial 52mm inner tubes with oxidized titanium coating. Forks have both compression and rebound damping adjustability plus spring preload.

Fully Adjustable Remote Reservoir Shock

Link-type Monocross® rear suspension has a remote reservoir and features compression and rebound clickers plus remote preload adjustment.

Class Leading Brakes

VMAX uses Brembo® master cylinders, the front with radial pump master cylinder. Large 320mm wave-style dual front discs are matched to radial-mount monoblock 6-piston calipers. On the rear wheel, there's a 298mm wave design disc and single-piston caliper. These high-tech brakes also incorporate advanced ABS.

Beefy Handlebar

Tapered handlebar provides a muscular 1-1/8" diameter look at the triple clamp while using conventionally sized controls.

Grippy Radial Tires

18-inch radial tires, 120/70R18 front and 200/50R18 rear, are mounted on cast aluminum five-spoke wheels.

Underseat Fuel Tank

For mass centralization that contributes to the bike's lean looks, the 4-gallon fuel tank is mounted under the seat, with the filler under the rider's backrest.

ADDITIONAL FEATURES

Calculating Power

The Electronic Control Unit (ECU) uses three microprocessors to control fuel injection, ignition, YCC-T, YCC-I, meters and other electrical components.

Drag-style Instruments

The instrument panel includes an analog, step-motor driven tachometer, and digital speedometer with LED indicator lights. Prominent LED shift timing indicator adds to the performance character of the VMAX.

OLED Display

Organic electroluminescence multifunction display provides a more precise display vs. LCD and includes clock, fuel meter, trip meter with fuel reserve trip meter, transmission gear position, coolant temperature, stop watch, and more.

Bright Lighting

H4 60/55W headlight provides excellent visibility and distinctive style, while the trick-looking LED taillight is light, bright and highly efficient.

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SPECIFICATIONS:

Engine Type	102-cubic-inch (1679cc) liquid-cooled 65° V-four, DOHC; 16 valves
Bore x Stroke	90.0mm x 66.0mm
Compression Ratio	11.3:1
Fuel Delivery	Fuel Injection with YCC-T and YCC-I
Ignition	TCI: Transistor Controlled Ignition
Transmission	5-speed, multiplate slipper clutch
Final Drive	Shaft
Suspension / Front	52mm telescopic cartridge fork w/oxidized titanium coating. Fully adjustable preload, compression and rebound; 4.7 in travel
Suspension / Rear	Single shock w/remote reservoir and remote adjustable for preload, compression and rebound; 4.3 in travel
Brakes / Front	Dual 320mm wave-type discs; radial mount 6-piston calipers, Brembo® radial pump master cylinder
Brakes / Rear	298mm wave-type disc, single-piston caliper and Brembo® master cylinder
Tires / Front	120/70R18
Tires / Rear	200/50R18
L x W x H	94.3 in x 32.3 in x 46.9 in
Seat Height	30.5 in
Wheelbase	66.9 in
Rake (Caster Angle)	n/a
Trail	n/a
Maximum Ground Clearance	n/a
Fuel Capacity	4.0 gal
Fuel Economy**	27 mpg
Wet Weight***	683 lb / CA model 686 lb
Warranty	1 Year (Limited Factory Warranty)
Color	Matte Raven Black

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*** 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.