

2022

MT-10



Cyan Storm

\$13,999 MSRP* \$430 Destination Charge*



Matte Raven Black

\$13,999 MSRP* \$430 Destination Charge*

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

TOP FEATURES

1. Compact, Aggressive New Look

A stripped-down new look is achieved by removing unnecessary bodywork elements and refocusing attention on the pure mechanical beauty of the muscular engine and compact frame. New twin-eye mono-focus LED headlights and LED position lights situated above the headlights combine with a more compact nose assembly to minimize overhang and lend a refined, dominant style. Enlarged, functional intake ducts mounted on either side of the fuel tank cover increase efficiency while further enhancing the bike's aggressiveness.

2. New Six-Axis IMU with Rider Aids

The new MT-10 takes a significant step forward in technological advancement with the addition of Yamaha's state-of-the-art six-axis Inertial Measurement Unit. Originally developed for the YZF-R1, the new IMU on the MT-10 has now evolved into a smaller and lighter unit, featuring two sensors that measure three-axis angular velocity and three-axis acceleration, enabling a suite of rider aids including lean sensitive traction control, a Slide Control System (SCS), a front wheel Lift Control System (LIF), Engine Brake Management (EBM) and a Brake Control (BC) System with lean sensitive ABS.

3. Updated 'High-Torque' 998cc CP4 Engine

The next evolution of the MT-10 is equipped with a refined version of the 998cc liquid-cooled CP4 crossplane engine derived from the race-ready YZF-R1 powerplant. Providing a linear, torque-rich delivery, this is the most potent and technologically advanced engine ever seen on a Yamaha Hyper Naked motorcycle. Fuel injection settings have been optimized, and design of the intake and exhaust systems modified to lend the MT-10 a torquier, more street-focused engine character.

4. New Acoustic Amplifier Grilles

To further enhance the crossplane CP4 engine's distinctive soundtrack, a new redesigned air box with three differing-length intake ducts are tuned to resonate harmoniously at varying engine speeds to create a unique intake roar that enhances the overall riding experience. Sound is heightened further by new Acoustic Amplifier Grilles positioned on the front left and right of the fuel tank, transmitting this tuned induction soundtrack directly to the rider, adding to the thrill when opening the throttle.



FEATURES & BENEFITS

TOP FEATURES - CONT.

5. Improved Quick Shift System (QSS)

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6. New 4.2-Inch Full-Color TFT Display

The MT-10 now comes equipped with a new premium full-color 4.2-inch TFT display, featuring a clear, easy to read screen and intuitive function navigation controlled by a scrolling menu switch on the right handlebar and a quick-select mode switch on the left handlebar.

7. Advanced Ride-By-Wire Throttle Now with APSG

Advanced Yamaha Chip Controlled Throttle (YCC-T) system instantly calculates ideal throttle valve opening based on movement detected at the throttle grip. The new MT-10 now also features an Accelerator Position Sensor Grip (APSG) which employs a spring, slider and gear mechanism to produce a natural throttle feel. The rider can also pre-select throttle response characteristics by using the PWR (Power delivery mode) switch to choose between four different power modes.

8. Cutting-Edge Chassis

Like the YZF-R1 superbike, the MT-10 uses an aluminum Deltabox frame to create a lightweight and responsive chassis that is built for agility with its ultra-compact 55.3-inch wheelbase. The MT-10 mounts fully adjustable KYB® suspension—front and rear—for excellent road holding and an adjustment range ready for a variety of street or track conditions.

ENGINE

R1-Derived Crossplane Crankshaft Engine

The potent 998cc inline four-cylinder engine features the same Crossplane Crankshaft technology developed in Yamaha's renowned YZF-R1 superbike. The crossplane design nearly eliminates inertial engine torque to provide a direct connection between the throttle and rear wheel for maximum traction and linear torque feeling. Tuned specifically for the needs of the high-performance street rider, the MT-10 engine develops awesome low- and mid-rpm torque with arm-stretching top-end power.

Ultra-Modern Engine Design

The MT-10's engine design creates the ultimate high-performing street sportbike. Engine reliability is ensured with strong, lightweight forged pistons and carburized fracture-split connecting rods that move through an extremely rigid, closed-deck cylinder block. The engine's cylinders are slightly offset to reduce friction losses, with plated bores for excellent heat dissipation and cylinder sealing. The rocker-arm valve actuation utilizes the lever ratio of each rocker arm to allow for larger valve lifts while using lower camshaft lobes and reduced spring pressure, further boosting power and efficiency.

Compact Stacked Transmission

The six-speed transmission "stacks" the crankshaft, input and output shafts in a triangular layout to centralize mass and keep the engine shorter front-to-back, with optimal engine placement in the frame for outstanding handling.

Redesigned Intake System

To both enhance sound and increase efficiency, a redesigned air box with three differing-length intake ducts are tuned to resonate harmoniously at varying engine speeds to create a unique intake roar that enhances the overall riding experience. Enlarged ducts on either side of the fuel tank increase intake efficiency while adding to the purposeful, aggressive look.

High-Capacity Cooling System

A large curved radiator keeps engine heat in check while a compact air-cooled oil cooler ensures stable oil temperatures in any condition. Simplified pipe and hose routing minimizes the need for additional parts and saves weight.

Advanced Clutch

Yamaha's assist and slipper clutch is used to give the rider smoother, more confident downshifts when entering corners aggressively as well as a lighter pull effort at the lever, all while easily handling the torque of the MT-10's high-output, inline-four motor.

ELECTRONICS

New Six-Axis IMU with Rider Aids

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Improved Quick Shift System (QSS)

New up and down Quick Shift System (QSS) is standard on the new MT-10. By enabling quick, clutchless shifting both up and down the gear box, this system makes full-on acceleration more exciting, downshifting faster and smoother, with less chassis disruption while changing gears.

Four-Mode Yamaha Ride Control (YRC)

While all electronic rider aids on the new MT-10 can be adjusted independently, Yamaha Ride Control (YRC) simplifies the process for owners by offering four different selectable riding modes, each with pre-set traction control, SCS, QSS, LIF, EBM and BC system settings to match ride preference.

Yamaha Variable Speed Limiter (YVSL)

An additional key technological feature offered on the new MT-10 is the Yamaha Variable Speed Limiter (YVSL) which gives the rider the ability to set a top-speed limit for the motorcycle to ensure a rider-selected speed is not unintentionally exceeded.

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Cruise Control System

The MT-10 includes a cruise control system powered by the YCC-T. Using the left handlebar switchgear, the rider can easily select or adjust a set speed to ease long-distance touring on the highway, improving rider comfort.

CHASSIS/SUSPENSION**Deltabox Aluminum Frame**

The MT-10 uses an aluminum Deltabox frame derived from the YZF-R1 superbike to create a lightweight and responsive chassis that is built for agility with its ultra-compact 55.3-inch wheelbase. The frame uses a strength-rigidity balance that was developed specifically for the MT-10 and uses the engine as a stressed member of the frame for optimal cornering performance.

Fully Adjustable KYB® Fork

The MT-10 features an inverted 43mm KYB® front fork which offers full adjustability and 4.7 inches of travel, for excellent front-end feel and road holding along with an adjustment range ready for a variety of street or track conditions.

Linkage-Type KYB® Shock

The four-way-adjustable KYB® piggyback-style shock uses a rear bottom link pivot position that is strategically placed for optimal handling and excellent transmission of engine torque to the asphalt. Like the front fork, the MT-10's rear suspension offers a wide range of adjustment and a smooth, well-controlled 4.7 inches of wheel travel.

Powerful, Controllable Brakes with Advanced ABS

Developed on racetracks around the world, Yamaha's advanced Brake Control (BC) System works with an Anti-lock Braking System (ABS) to minimize brake slip under aggressive braking or on less than ideal surfaces. Mated to high-specification braking components including radial-mount, four-piston front calipers, sintered brake pads, large 320mm front discs and 220mm rear disc provide exceptional braking power and control.

Lightweight Wheels & High-Performance Tires

The MT-10 rolls on lightweight five-spoke aluminum wheels for nimble steering and suspension feel. Bridgestone Battlax Hypersport S22 tires—a 120/70ZR17 front and a huge 190/55ZR17 at the rear—are engineered specifically for the MT-10, providing chassis-matched handling and grip.

ADDITIONAL FEATURES**New Improved Ergonomics**

Ergonomics are enhanced on the new MT-10 for greater comfort and control. Protruding areas around the fuel tank are reduced offering more freedom of movement and better feel when the rider grips the tank with their knees under hard braking or cornering. The 'rider triangle'—the bar/footrest/seat relationship—is improved with the hip position lowered for a feeling of sitting more within the bike. Additionally, seat firmness is modified to further enhance comfort.

High-Performance Full LED Lighting

New twin-eye mono-focus LED headlights and LED position lights situated above the headlights combine with a more compact nose assembly to minimize overhang and lend a refined, dominant style. Separate high and low beam units provide excellent illumination and project a powerful, even beam with softer light at the edges. There is also a redesigned LED tail light and LED turn signals.

Aggressive New Styling

The undeniable king of the MT series, the new MT-10 displays raw aggression from every angle with a stripped-down new look achieved by removing unnecessary bodywork elements, sharpening the nose assembly and refocusing attention on the pure mechanical beauty of the muscular engine and compact frame.

Ready to Accessorize

The MT-10 arrives ready for personalization. The exposed hardware makes it ideal for mounting a range of Genuine Yamaha accessories, including windscreens, chassis protection and other items. A standard 12V DC power outlet is ready to recharge your personal mobile devices or various electronic accessories.

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SPECIFICATIONS:

Engine Type	998cc, liquid-cooled DOHC inline 4-cylinder; 16 valves
Bore x Stroke	79.0mm x 50.9mm
Compression Ratio	12.0:1
Fuel Delivery	Fuel injection with YCC-T
Transmission	6-speed; wet multiplate assist and slipper clutch
Final Drive	Chain
Suspension / Front	43mm KYB® inverted fork, fully adjustable; 4.7-in travel
Suspension / Rear	KYB® piggyback shock, fully adjustable; 4.7-in travel
Brakes / Front	Dual 320mm hydraulic disc; ABS
Brakes / Rear	220mm hydraulic disc; ABS
Tires / Front	120/70ZR17 Bridgestone® Battlax Hypersport S22
Tires / Rear	190/55ZR17 Bridgestone® Battlax Hypersport S22
L x W x H	82.7 in x 31.5 in x 45.9 in
Seat Height	32.9 in
Wheelbase	55.3 in
Rake (Caster Angle)	24.0°
Trail	4.0 in
Maximum Ground Clearance	5.3 in
Fuel Capacity	4.5 gal
Fuel Economy**	36 mpg
Wet Weight***	467 lb
Warranty	1 Year (Limited Factory Warranty)
Color	Cyan Storm; 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.