

YZ465



www.legends-yamaha-enduros.com

SHOOT THE WORKS.

Introducing Yamaha's biggest, fastest motocross-winning machine: the totally new YZ465 for 1989.

It's designed with every trick, high-tech innovation we've come up with. And we've come up with some doozies. About the only thing we didn't change is the color.

The YZ465 is engineered to be a production replica of last year's works bike—and then some.

Take the powerful new engine. We've added a tremendous amount of horsepower and torque this year by increasing the engine from 400 to 465cc's. Yet we actually managed to make it lighter and narrower for better handling.

Yamaha's unique reed-valve Torque Induction system assures ready power at any speed. Plus the cylinder head finning has been redesigned like our works bike, for better engine cooling and longer engine life.

How do you control such a beast? We have some tricks up our sleeve for that, too. Like a new remote reservoir on our exclusive Monoshock rear suspension. The big reservoir dissipates heat and prevents shock fading, bump after bump. After bump. And, of course, the Monoshock is easily and infinitely adjustable to suit different riders and courses.

We've increased wheel travel both front and back. And to decrease flex, the leading-edge air/oil front forks have extra-long internal sliding surfaces.

The entire frame is also radically new. The double-down tube has been replaced by a stronger, lighter single-down-tube design. And it's all chrome-moly.

If you're the kind of rider who likes to pull out all the stops, then you won't settle for anything less than the YZ465.

Go ahead. Shoot the works.




SHOOT THE WORKS.

The seat position lowers the bike's overall center of gravity for better stability and handling.

New FHM type coil covers keep your leg from sweating the big number one. Wear it proudly.

The integrated rear section allows us to cut out extra weight in a light, yet sturdy and rigid to improve your wheel build. Also...

...the front... point to show as possible to the... eliminates the need for a... about...


Our new aluminum Monoshock mount increases durability and efficiency in pivotal shock feeling.

It carefully monitors and regulates the flow of oil for consistent dampening.

The full floating rear brake allows the shoe to rotate and feed with the frame, independent of the swing arm. Braking is smoother and more predictable, even in the most unpredictable terrain.

The new, more precise, five-speed transmission and shifting mechanism give you exact throttle positions and feedback in any gear, at any speed.

Capacitor Discharge Ignition produces a better, more efficient spark electronically, maximizing performance while minimizing maintenance.

This new, longer front fork's greater leg just a little more protection from hot firing shocks.

Leading-edge front forks have 30mm more travel this year, plus longer internal sliding surfaces for more suspension. Besides travel, they're adjustable for air pressure, oil weight and oil level to work up everything from a small bump to a full-fledged whoop-de-do.

The completely new, longer stroke, 465cc engine has more torque, more and longer, yet it's lighter and narrower for improved handling. Yamaha's unique reed-valve Torque Induction system prevents carburetor flashback and guarantees top performance across the board.

The single-down-tube, semi-double-track, chrome-moly frame is actually new this year — it's as light as it is strong.

New double-leading-rod front forks provide maximum control and stopping power.

www.legends-yamaha-enduros.com

ENGINE

Type 2-stroke single
Displacement 465 cc
Bore and Stroke 85 x 82 mm
Compression Ratio 7.0:1
Maximum Torque 40.8 ft.-lbs.
(5.65 kg-m) @ 6,000 rpm

Carburetion Mikuni VM38SS
Ignition C.D.I.
Starting Primary kick
Lubrication Pre-mix
Transmission 5-speed

CHASSIS

Overall Length 85.6" (2,175 mm)
Overall Width 36.8" (935 mm)
Overall Height 47.0" (1,195 mm)
Wheelbase 58.3" (1,480 mm)
Ground Clearance 12.2" (310 mm)
Dry Weight 225 lbs. (102 kg)
Fuel Tank Capacity 2.0 Imp. gals (9.0 L)

Suspension

Front Telescopic forks
Rear Swing arm with Monoshock

Brakes

Front Drum
Rear Drum

Tires

Front 3.00 x 21
Rear 5.10 x 18

Coloring Competition Yellow

Because of our ongoing efforts to make Yamaha motorcycles even better,
specifications are subject to change without notice.



www.legends-yamaha-enduros.com

YAMAHA

When you know how they're built.

YAMAHA MOTOR CANADA LTD. HEAD OFFICE: 480 GORDON BAKER RD., WILLOWDALE, ONT. M2H 3B4

PRINTED IN CANADA