

# SECA 750





# THE ULTIMATE PERFORMER TURNS HISTORY WITH AN 11.97 QUARTER-M

When we developed the SECA 750, we knew no other stock 750 machine would come close. Every test report that came in proved us right.

And when the SECA turned an unofficial quarter-mile record of 11.97 seconds at 111.25 mph\*, it proved even faster than we hoped.

Its 748 cc in-line four is lighter than any other 4 cylinder 750. Narrower as well. With more power per cubic centimeter than you ever thought possible.

We maintained the SECA's maximum power and minimum weight with an ultra-smooth, fully-enclosed shaft drive.

And we gave it the adjustable Anti-Dive front Suspension System proven on our road racers. What this does to handling is a revelation to the ride of the SECA.

Padded futuristic handlebars take up all loose cables. The contoured seat flows into an integrated wraparound taillight assembly. There's a Quartz Halogen headlamp and auxiliary light, up-swept exhaust pipes, and slotted dual disc brakes.

Everything about the SECA 750 says the future. And takes a giant step in motorcycle performance.

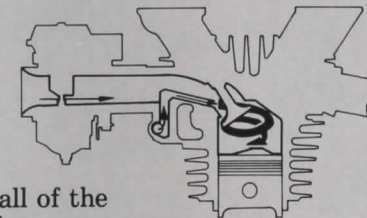
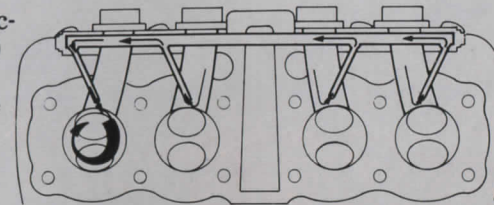
Yamaha's patented Induction Control System (YICS) represents a revolution in engine design. It makes the SECA 750 the outperformer it is by improving the low and mid-range power-band.

Even at small throttle openings, a series of sub-intake ports swirls the air/fuel charge through the combustion chamber at high velocity.

The mix blasts around the wall of the cylinder four times faster than in conventional engines until it is completely burned.

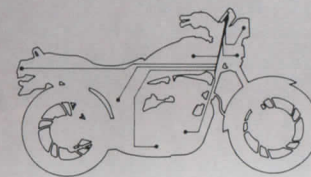
You get a ten percent fuel savings with improved performance. Consistent drawing power. And the correct flow of fuel mix at all times.

There are no moving parts within the system. It adds no weight. And no maintenance is required.



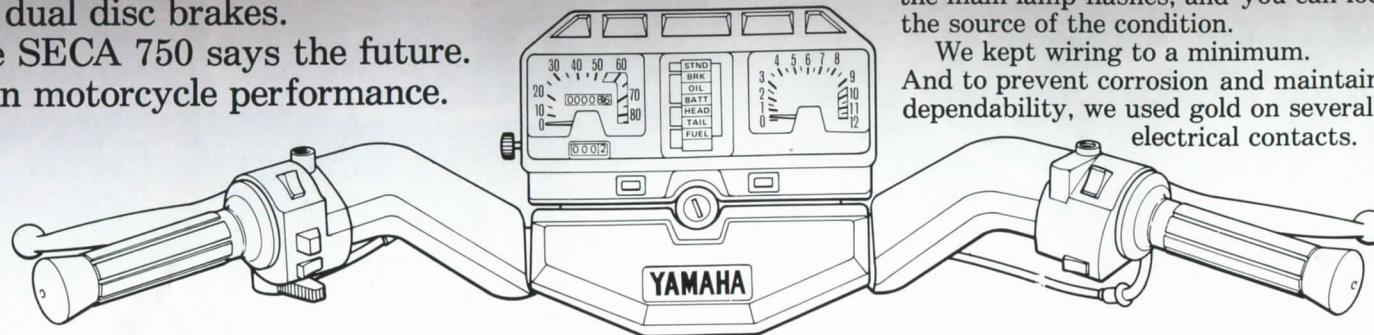
*The SECA's combination of maximum power and minimum weight is further combined with an ultra-smooth, fully-enclosed shaft drive that's clean, quiet and maintenance-free.*

*Tubeless tires front and rear run cooler, longer.*



Within two seconds after the engine starts up, the SECA's Computerized Monitor System automatically begins its scan. A self-check system lets you run through again at any time. If there's a problem, the main lamp flashes, and you can locate the source of the condition.

We kept wiring to a minimum. And to prevent corrosion and maintain dependability, we used gold on several key electrical contacts.





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The 748 cc, DOHC, 4-cylinder, 4-stroke engine is lighter than any production 750 engine anywhere. And narrower, too. We did it by technological feats like mounting the generator behind the cylinders and incorporating the middle gear case into the transmission housing.

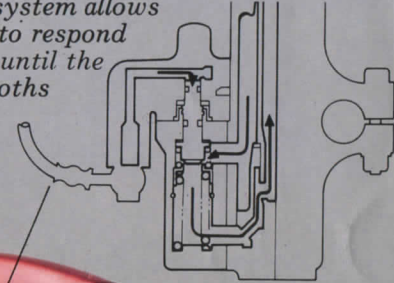
Utilizing a system of sub-intake ports, Yamaha's patented Induction Control System (YICS) blasts the air/fuel mixture around the combustion chamber for more even, complete burning. It increases fuel efficiency by about 10 percent. With no moving parts. And improves low and mid-range power.

ation of maximum bulk with an ultra-d shaft drive virtually

Full instrumentation includes the SECA's futuristic Computerized Monitor System, speedometer and electric tachometer.

You can adjust air pressure in the front forks and damping in the rear shocks to smooth out any road.

During hard braking, our adjustable Anti-Dive activates a unique valving mechanism which restricts the flow of oil, and thus travel, in the forks. If you brake on rough pavement, an automatic override system allows the forks to respond normally until the road smooths out gain.



Spiral cast-alloy wheels are lighter, yet every bit as strong as conventional cast wheels.

Rear view mirror(s) standard equipment.





## XJ750RJ SPECIFICATIONS

### ENGINE

Type ..... 4-stroke DOHC four  
 Displacement ..... 748 cc  
 Bore and Stroke ..... 65.0 x 56.4 mm  
 Compression Ratio ..... 9.2 : 1  
 Maximum Torque ..... 45.6 ft.-lbs.  
 (6.3 kg-m) @ 7,500 rpm

Carburetion ..... Hitachi HSC32(4)  
 Ignition ..... Transistor controlled  
 Starting ..... Electric  
 Lubrication ..... Wet sump  
 Oil Capacity ..... 3.1 Imp. qts. (3.5 l)  
 Transmission ..... 5-speed

### CHASSIS

Overall Length ..... 83.1" (2,110 mm)  
 Overall Width ..... 33.6" (860 mm)  
 Overall Height ..... 44.1" (1,120 mm)  
 Wheelbase ..... 56.9" (1,445 mm)  
 Ground Clearance ..... 5.5" (140 mm)  
 Seat Height ..... 30.3" (770 mm)  
 Dry Weight ..... 481 lbs. (218 kg)  
 Fuel Tank Capacity ..... 4.2 Imp. gals.  
 (19.0 l)

### Suspension

Front ..... Air-adjustable  
 Rear ..... Adjustable damping

### Brakes

Front ..... Dual slotted disc  
 Rear ..... Drum

### Tires

Front ..... 3.25H19  
 Rear ..... 120/90-18 65H

Coloring ..... Brilliant Red  
 New Pearl White

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

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 THE WAY IT SHOULD BE.™