FZR1000


## The second generation

## Yamaha FZR1000 - getting even closer to "pure sports" perfection.

"Genesis - Evolution by growth or development" says the dictionary. Which is a perfect definition of Yamaha's engineering and design concept" is a "pure sports" philosophy of continued development towards perfection.
The first-generation Yamaha FZR1000 was developed true to this concept from the award-winning FZ750 and was already a long way up
the ladder towards being the -perfect motorcycle" And that's not iust our opinion but one backed up by "Machine of the Year" awards from ioumalists and magazine readers around the world.
Now the second-generation FZR1000 - still true to the "Genesis" Now the second-reneration FZR1000 - still true to the "Genesis" ideals, takes several steps closer to perfection.
The goals of our Genesis programme have always been to produce a road bike that has the same blend of performance. handling and
inherent safety factors as our World Championship racers. Could this be inherent saeety tactors as our word championstip racers. Could this be come closer to this ideal!
Featuring a new Deltabox frame and swinging arm, improved engine design and the remarkable Yamaha EXUP exhaust power control system the FZR1000 is now the most-balanced performer in the upper
stratosphere of "pure sports" motorycling. It has achieved that balance of top speed and superb handling acceleration and maximum braking efficiency by faithfully following the "Genesis concept". The concept which dictates that development of a motorycye's engine and chassis
are always considered in tandem.

Yamaha's design development engincers followed the Genesis hilosophy from the inception of the FZ line. The Genesis concept logether in harmony to to realise the engine and chassis enthusiast with the ultimate machine. Throughout the project the Yamaha engine and chassis design teams maintained open lines of communication at all times in order to ensure the realisation of the Genesis goal. It's the pinnacle of the Genesis concept. A perfect balance betwecn power and
handling to high performance on two wheels more effortless and safer handling to high performance on two wheels more eftortiess and sater edge of the technological quest, the design and development teams are not satisfied to rest on their laurels.
Lessons learned in the tough school of Grand Prix competition are fed ack from the race department to our road machine engineers so that what we leam on the track is soon benefiting Yamaha riders on the road. The new frame and swinging arm on our second-generation FZR1000 Lor example, follows the design patterns estabished by the 50000 Grand Prix racer that has iust taken Eddie Lawson to his Word Championship The incredlble 20 -valve twin-overhead camshaft engine that pushes the FZR1000 along at such velocity is a bigger, beefier version of the
power unit which won the 1987 Word F1 Champlonship and which has taken Yamaha to two Suzuka Eight Hour Race wins in the past two years! Everywhere you look on the FZR1000 is evidence of Yamaha's amazing technological capabiities. Living proof of Yamaha's claim to be one of the most innovative of motorcycle manufacturers! Yamaha wrote the book on
two-stroke development. with every significant technological feature in two-stroke development. with every signincant technoiogical feaure in the same with four-strokes. What other production engines - car or motorcycle - feature triple inlet and dual exhaust valves, for example? We led the world with the five-valve technology and it has taken four years even for engineers in the rarified world of F1 Grand Prix car racing catch up!
And what about EXUP - Yamaha's electronically-controlled "exhaust Hrotte? The Exhaust Utimate Powervalve! What other manufacturer, wo wheels or four, ofters a device which controls exhaust gas pressure waves on a four-stroke engine to gain both top speed and maximum ractability. The answer - as with so many other Yamaha-created engineering advances - is "none"! bectiant minds in the automotive field. Minds that dreamed up the technology which has taken Yamaha to more World Champlonships thar any of its rivals . . . then took that technology and put it on the raad! That's why the Yamaha FZR1000 was voted "Machine of the Year" all around the world. It has been designed by some of the most innovative a strong sense of quality and commitment what has been voted the finest motoryyde of its time.
The Yamaha FZR1000. A very special motorcycle, built by a very special company.


## Still at the top of the

 The new Yamaha FZR1000.$\qquad$ Nusum




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