

RayZR

Play the Ray.

Offering Yamaha quality and reliability combined with outstanding affordability and dynamic style, the RayZR is in a class of its own. And whether you're a new rider or you've ridden before, this new entry level scooter deserves your attention with its good looks, low running costs and easy riding character!

Everything about the RayZR is designed to make your daily life simpler so you have more time to do the things you want. Weighing just 99kg, it's one of the lightest scooters in the class, making it so agile and easy to ride – and a low seat and natural riding position make this the stress free way to navigate the city.

The fully automatic 125cc Blue Core engine provides plenty of lively performance with excellent fuel economy, and features Start & Stop for reduced emissions as well as Power Assist for faster getaways. And Yamaha's dealer network gives you total back up when you need it.



- Lightest Yamaha scooter
- 125cc Blue Core engine
- Start & Stop
- LED lights and LCD instruments
- Unified Brake System
- Underseat storage space
- Comfortable riding position
- Dynamic motorcycle-style body design
- One-push start system

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Getting the best value for money is more important to you than ever before. And the sharp-looking RayZR scooter has been specially developed by Yamaha to provide affordable and reliable urban transportation that is always there for you.

You're in for a surprise when you see how much this entry level scooter has to offer! Its economical 125cc Blue Core engine features a special Power Assist for faster acceleration – and weighing only 99kg the RayZR is so agile in busy urban streets. And there's storage space for a helmet* or shopping. (*Depending on the shape of the helmet, certain models may not fit.)

Its wide dual seat ensures a relaxed ride on every journey. In many countries the RayZR can be ridden on a B car license** – and with Yamaha's renowned reliability and a wide dealer network, peace of mind comes as standard. (**Limitations and restrictions may apply per country under applicable local laws. Additionally, Yamaha recommends all riders to take a motorcycle training course before riding any two or three wheeled vehicles.)



Lightest Yamaha scooter

Wherever you're going it's always good to travel light! Weighing just 99kg, the RayZR is Yamaha's lightest scooter – making it one of the quickest and most enjoyable ways to move in the city. And its low weight also ensures quicker acceleration, greater agility and lower fuel consumption – as well as making it easy to push-walk when parking.



125cc Blue Core engine

The RayZR is driven by the latest 125cc Yamaha Blue Core engine that provides responsive performance with low emissions and impressive fuel economy. And for faster acceleration from a standstill the RayZR is equipped with a special electrical Power Assist system that provides extra boost when you're pulling away.



Start & Stop system

The eco-friendly Start & Stop system automatically shuts off the engine when you come to a stop at traffic lights or junctions, improving fuel consumption by up to 4%. Its innovative Smart Motor generator provides ultra-quiet engine starts – and it is also the key technology behind the special Power Assist system that gives you faster acceleration from a standstill.



LED lights and LCD instruments

The dynamic face of the RayZR features a centrally mounted LED headlight, with a Y-shaped LED position lamp embedded in the sporty screen on the handle. At the rear there's a stylish LED stoplight, and the LCD instruments reinforce this entry-level scooter's standard specification.



Unified Brake System

For smooth and efficient stopping power the RayZR is fitted with a 190mm front disc brake and a rear drum brake. When the rear brake is applied alone, a portion of the front brake is activated. When both brakes are applied, Yamaha's Unified Brake System automatically balances the front and rear braking power to help make a controlled stop.



Underseat storage

There's a 21 litre underseat storage compartment that can accommodate a helmet depending on its shape and size – and the flat footboard provides additional space for carrying groceries or a sports bag.

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RayZR

Engine	
Engine type	4-stroke; SOHC; 2-valves; Air-cooled
Displacement	125cc
Bore x stroke	52.4×57.9mm
Compression ratio	10.2:1
Maximum power	6.0 kW @ 6500 rpm
Maximum Torque	9.7 Nm @ 5000 rpm
Lubrication system	Wet sump
Fuel system	Fuel Injection
Ignition system	TCI
Starter system	Electric Starter and Kickstarter
Transmission system	V-Belt Automatic
Fuel consumption	1.8L/100km
CO2 emission	42 g/km

Chassis	
Front suspension system	Telescopic fork
Front travel	90mm
Rear suspension system	Unit Swing
Rear Travel	80mm
Front brake	Hydraulic single disc brake
Rear brake	Mechanical leading trailing drum brake
Front tyre	90/90-12 Tubeless
Rear tyre	110/90-10 Tubeless

Dimensions	
Overall length	1880mm
Overall width	685mm
Overall height	1190mm
Seat height	785mm
Wheelbase	1280mm
Minimum ground clearance	145mm
Wet Weight	99kg
Fuel tank capacity	5.2L

Screen & Connectivity	
Smartphone Connectivity	MyRide

Images and video show pre-production model. Product specifications may differ. Always ride within the regulated speed limits. Images depict professional riders in closed and permitted areas. Images were shot in various countries with different road laws. Always ride in a safe manner and obey all local road laws.