

 **YAMAHA**  
*Revs Your Heart*



**Drones**  
**Re**defined



# YMR-01

## YMR-01 Prototype Main Features

- 1) Excellent spraying quality through optimal layout of the vertical coaxial rotors and spraying nozzles comparable to Yamaha Motor's unmanned helicopters
- 2) Monocoque shell structure carbon fiber body delivering an excellent balance between light weight and rigidity
- 3) Double-air-intake design for cooling of the electrical system
- 4) Landing gear to reduce the impact on touchdown



**FAZER R**

## FAZER R Main Features

- 1) Powerful horizontally-opposed 2-cylinder fuel-injected engine (20.6 kW)
- 2) 3D airfoil-shaped tail rotor design developed with technical guidance from JAXA (Reduced energy loss during flight through improved aerodynamic characteristics)
- 3) 32 L capacity tank

	Item	Specification Value
Dimensions and Weight	Length x Width x Height	3,665 mm x 770 mm x 1,078 mm
	Main Rotor Diameter	3,115 mm
	Tail Rotor Diameter	550 mm
	Wet Weight*	71 kg
Engine	Engine Type/Cylinder Arrangement	Liquid-cooled, 4-stroke, OHV, 2-valve, horizontally-opposed 2-cylinder
	Total Displacement/Bore x Stroke	390 cm <sup>3</sup> /66.0 mm x 57.0 mm
	Maximum Output	20.6 kW at 6,000 r/min
	Fuel Type/Fuel Tank Capacity	Regular gasoline/5.8 L