

**TECHNICAL DATA**  
**RR RACING 480**

**CHASSIS**

Frame	Molybdenum steel with double cradle split above the exhaust port
Wheelbase	1490 mm
Max length	2180 mm
Max width	815 mm
Max height	1270 mm
Seat height	940 mm
Ground clearance	320 mm
Footrest height	413 mm
Dry weight	108,5 kg (front 53,2 kg; rear 55,3 kg)
Fuel tank capacity	9,0 l.
Reserve	2,3l.
Cooling system capacity	1,3 l.
Front suspension	Hydraulic USD fork with $\varnothing$ 48 mm shaft
Rear suspension	Monoshock with progressive compound lever
Shock absorber stroke	135 mm
Front wheel travel	295 mm
Rear wheel travel	290 mm
Front brake	Wave disc $\varnothing$ 260 mm and double-piston floating caliper
Rear brake	Wave disc $\varnothing$ 240 mm and single-piston floating caliper
Front rim	21 x 1,6 - 36 holes
Rear rim	18 x 2,15 - 36 holes
Front tyre	90/90 - 21
Rear tyre	140/80 -18

**ENGINE**

Type	Single cylinder, 4-stroke, liquid-cooled
Bore	100 mm
Stroke	60,8 mm
Displacement	477,5 cc
Compression ratio	11,86:1
Valve train	DOHC finger follower / 4 valve, intake titanium, exhaust steel
Starter	Electric starter
ACG	Kokusan
Spark plug	NGK LKAR 8A-9
Lubrication	2 oil pumps
Fuel system	Eilidor dual electronic injection
Throttle body	$\varnothing$ 42 mm - Synerject
Clutch	wet multi-disc clutch
Primary drive	Z.31/72
Transmission	6 gears
Final transmission	chain
Engine oil	SAE 10W/50 0,8 l. + SAE 10W/40 0,8 l.
Consumption l/100 km	4,22
Pollution Co2 [g/km]	102