



RX 50 FACTORY - TECHNICAL SPECIFICATIONS

ENGINE TYPE	Single cylinder 2-stroke engine with light alloy cylinder, liquid cooled
BORE AND STROKE	39.88x40 mm
TOTAL ENGINE CAPACITY	50 cc
COMPRESSION RATIO	11.5:1
FUEL SYSTEM	With electronically controlled Dell'Orto PHVA 17.5 carburettor
STARTER	Kick Starter
LUBRICATION	Automatic mixer
TRANSMISSION	6 speed, drive ratio: 1st 11/34 2nd 15/30 3rd 18/27 4th 20/24 5th 22/23 6th 23/22
CLUTCH	Multi plate wet clutch
PRIMARY DRIVE	Straight cut gears, gear ratio: 21/78
FINAL DRIVE	Chain, gear ratio: 11/59
FRAME	Twin-tube steel frame
FRONT SUSPENSION	Upside down fork with Ø 41 mm stanchions, wheel travel 240 mm
REAR SUSPENSION	Aluminium alloy swingarm, mono shock absorber with progressive link system, 200mm wheel travel
BRAKES	Front: Ø 260 mm stainless steel disc with floating calliper, 2 pistons Rear: Ø 220 mm stainless steel disc with floating calliper
WHEEL RIMS	Radial rims with aluminium channel, front: 1.60 X 21" rear: 1.85 X 18"
TYRES	Front: 80/90 – 21", Rear: 110/80 -18"
DIMENSIONS	Max. length: 2,105 mm Max. width: 840 mm Saddle height: 880 mm Wheelbase: 1,395 mm
TANK	7 litre capacity
CONSUMPTION	2,96 l/100 km
EMISSIONS	72 g/km of CO ₂
KERB WEIGHT	104 kg
APPROVAL	Euro 4