

Date	12.10.11	
Status	approved	
Technical Data	Nuda 900	Nuda 900R
Engine		
Type	Water cooled 4-stroke in-line two-cylinder, two overhead camshafts, dry sump lubrication	Water cooled 4-stroke in-line two-cylinder, two overhead camshafts, dry sump lubrication
Bore / stroke	84 mm x 81mm	84 mm x 81mm
Capacity	898 cc	898 cc
Rated output	77 kW (105 hp) at 8.500 rpm	77 kW (105 hp) at 8.500 rpm
Max. torque	100 Nm at 7.000 rpm	100 Nm at 7.000 rpm
Compression ratio	13,0:1	13,0:1
Mixture control / engine management	Electronic intake pipe injection / digital engine management, two engine mappings (switchable by customer)	Electronic intake pipe injection / digital engine management, two engine mappings (switchable by customer)
Emission control	Closed-loop 3-way catalytic converter, emission standard EU3	Closed-loop 3-way catalytic converter, emission standard EU3
Performance / fuel consumption		
Maximum speed	Over 200 km/h	Over 200 km/h
Fuel consumption over 100 km at constant 90 km/h	3,9 l/ 100 km	4,3 l/ 100 km
Fuel consumption over 100 km at constant 120 km/h	5,3 l/ 100 km	5,95 l/ 100 km
Fuel type	Unleaded super, minimum octane rating 95 (RON)	Unleaded super, minimum octane rating 95 (RON)
Electrical system		
Alternator	390 W	390 W
Battery	12V/ 14 Ah, maintenance free	12V/ 14 Ah, maintenance free
Power transmission		
Clutch	Multiple-disc clutch in oil bath, mechanically operated	Multiple-disc clutch in oil bath, mechanically operated
Gearbox	Constant mesh 6-speed gearbox integrated into crankcase	Constant mesh 6-speed gearbox integrated into crankcase
Drive	Endless O-ring chain with shock damping in the rear hub	Endless O-ring chain with shock damping in the rear hub
Chassis / brakes		
Frame	Tubular steel trellis main frame and rear frame, removable passenger footpegs	Tubular steel trellis main frame and rear frame, removable passenger footpegs
Front wheel location / suspension	Sachs Up Side Down fork, ø 48 mm	Sachs Up Side Down fork, ø 48 mm, rebound and compression damping adjustable, spring preload mechanically adjustable
Rear wheel location / suspension	Cast aluminium dual swingarm, cantilever with Sachs shock absorber, spring preload mechanically adjustable, rebound damping adjustable	Cast aluminium dual swingarm, cantilever with Öhlins shock absorber, rebound and compression damping adjustable, spring preload mechanically adjustable, length adjustable (Δ10 mm)
Travel front / rear	210 mm/ 180 mm	210 mm/ 180 mm
Wheelbase	1.495 mm	1.495 mm
Castor	101 mm	101 mm
Steering head angle	65,5°	65,5°
Wheels	Cast aluminium wheel	Cast aluminium wheel
Rim, front	3,5"x17"	3,5"x17"
Rim, rear	5,5"x17"	5,5"x17"
Tyres, front	120/ 70 ZR 17	120/ 70 ZR 17
Tyres, rear	180/ 55 ZR 17	180/ 55 ZR 17
Brake, front	Brembo system: double floating discs, ø 320 mm, 4 - piston radial calipers with sintered pads	Brembo system: double floating discs, ø 320 mm. 4 - piston monoblock radial calipers with sintered pads
Brake, rear	Brembo system: single disc, ø 265 mm with floating caliper	Brembo system: single disc, ø 265mm with floating caliper
Dimensions / weight		
Seat height, unladen weight	870 mm (860 mm low seat-accessory)	875 - 895 mm (adjustable rear shock length)
Inner leg curve	1.910 mm (1.890 mm low seat-accessory)	1.920 - 1.960 mm (adjustable rear shock length)
Unladen weight, road ready, fully fueled 1)	195 kg	195 kg
Dry weight	174 kg	174 kg
Permitted total weight	391 kg	391 kg
Payload (with standard equipment)	196 kg	196 kg
Usable tank volume	13 l	13 l
Reserve	approx. 3 l	approx. 3 l
Length	2.190 mm	2.190 mm
Height (not inc. mirrors)	1.220 mm	1.225 - 1.245 mm
Width (inc. mirrors)	895 mm	895 mm
1) According to guidelines 93/93EWG with all fluids, fuelled with at least 90% of usable tank volume		