

# NORGE 1200

## ENGINE

Type	: 90° V-Twin, 4 stroke
Cooling system	: air cooling
Displacement	: 1,151 cc
Bore and stroke	: 95 x 81.2 mm
Compression ratio	: 9.8 : 1
Timing system	: intake open 24° B.T.D.C. intake close 52° A.B.D.C. exhaust open 54° B.B.D.C. exhaust close 22° A.T.D.C. with valve clearance 1.5 mm
Maximum power	: over 66 kW (95 HP) at 7,500 rpm
Maximum torque	: over 100 Nm at 5,800 rpm
Fuel injection system / Ignition	: Magneti Marelli IAW5A, α-n type; 2 Ø 45 mm throttle bodies, Weber IWP 162 injectors, Lambda control, twin spark ignition
Spark plug	: internal NGK PMR8B (Long Life)  external NGK BPR6ES
Starting	: electric
Exhaust system	: stainless steel, 2 into 1 type with catalytic converter, height-adjustable muffler
Homologation	: Euro 3

## TRANSMISSION

Gears	: 6 speed
Internal ratios	: 1 <sup>^</sup> 17/38 = 1 : 2.235 : 2 <sup>^</sup> 20/34 = 1 : 1.700 : 3 <sup>^</sup> 23/31 = 1 : 1.347 : 4 <sup>^</sup> 26/29 = 1 : 1.115 : 5 <sup>^</sup> 31/30 = 1 : 0.967 : 6 <sup>^</sup> 29/25 = 1 : 0.862
Lubrication	: splash
Primary drive	: helical teeth, ratio 24/35 = 1 : 1.458
Secondary drive	: Compact Reactive Shaft Drive CA.R.C.; double universal joint with floating bevel gear, ratio 12/44 = 1 : 3.666
Clutch	: dry

## CHASSIS

Frame	: tubular cradle, high tensile steel
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Wheelbase	:	1,495 mm
Trail	:	120 mm
Rake	:	25°
Steering angle	:	32°
Front suspension	:	telescopic hydraulic fork with Ø 45 mm, preload adjustable
Front wheel travel	:	120 mm
Rear suspension	:	single arm suspension with progressive linkage, rear shock absorber adjustable in rebound and pre-load (hydraulic)
Rear wheel travel	:	140 mm
Front brake	:	double stainless steel floating disc, Ø 320 mm, 4 piston calipers - abs
Rear brake	:	single steel disc, Ø 282 mm, 2 piston caliper - abs
Wheels	:	three spokes, light alloy wheels, gravity casting
Front wheel	:	3.50" x 17"
Rear wheel	:	5.50" x 17"
Front tyre	:	120/70 ZR17"
Rear tyre	:	180/55 ZR17"

#### ELECTRICAL EQUIPMENT

Voltage	:	12 V
Battery	:	12 V – 18 Ah
Alternator	:	12 V – 550 W at 2,000 rpm

#### DIMENSIONS

Length	:	2,195 mm
Width (handlebars)	:	870 mm
Height (dashboard)	:	1,125 mm
Seat height	:	800 mm
Minimum round clearance	:	185 mm
Front footrest height	:	377 mm
Dry weight	:	246 kg
Fuel tank capacity	:	23 litre
Reserve	:	4 litre