



## NORGE 1200

### *Technical specifications*

#### 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.<br>intake close 52° A.B.D.C.<br>exhaust open 54° B.B.D.C.<br>exhaust close 22° A.T.D.C.<br>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, a-n type; 2 Ø 45 mm throttle bodies, Weber IWP 162 injectors, Lambda control, twin spark ignition                        |
| Spark plug                       | : internal NGK PMR8B (Long Life)<br>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<br>: 2 <sup>^</sup> 20/34 = 1 : 1.700<br>: 3 <sup>^</sup> 23/31 = 1 : 1.347<br>: 4 <sup>^</sup> 26/29 = 1 : 1.115<br>: 5 <sup>^</sup> 31/30 = 1 : 0.967<br>: 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   |
| Wheelbase          | : 1,495 mm   |
| Trail              | : 120 mm   |
| Rake               | : 25.30°   |
| 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  |

Technical specifications of Norge 1200 may change without notice.