

## Moto Guzzi Stelvio 1200 8V (NTX) - Technical Specifications:

ENGINE	
Type	90° V-twin engine, 4-stroke
Cooling	through air and oil and an independent cooling pump
Engine capacity	1,151 cc
Bore and stroke	95 x 81.2 mm
Compression ratio	11: 1
Timing system diagram	intake valve opens 36° BTDC
(1-mm checking clearance)	intake valve closes 62° ABDC
	exhaust valve opens 58° BBDC
	exhaust valve closes 30° ATDC
Maximum power	77 kW (105HP) at 7,250 rpm
Maximum torque	above 113 Nm at 5,800 rpm
Fuel supply / Ignition	Multipoint sequential electronic ignition, Magneti Marelli IAW5A phased, alfa-n system; two Ø 50mm throttle body, Weber IWP 189 injectors, two lambda probes.
Starter	Electric
Spark plugs	NGK PMR8B (Long Life)
Exhaust system	stainless steel, 2-in-1 type, three-way catalytic converter with lambda probe
Type approval	Euro 3
TRANSMISSION	
Gearbox	6-speed
Gear ratio values	1st 17/38 = 1 : 2.235
	2nd 20/34 = 1 : 1.700
	3rd 23/31 = 1 : 1.348

	4th 26/29 = 1 : 1.115
	5th 31/30 = 1 : 0.968
	6th 29/25 = 1 : 0.862
Primary drive	with helical teeth, ratio 26/35 = 1: 1.346
Final drive	Compact reactive cardan shaft drive system called CA.R.C.; double cardan joint and floating bevel gear seat, drive ratio 12/44 = 1: 3.666
Clutch	single-disc with integrated anti-vibration buffer
<b>CHASSIS</b>	
Chassis	High yield strength tubular steel with integrated engine
Centre to centre distance	1,535 mm
Trail	125 mm
Headstock angle	27°
Steering angle	34°
Front suspension	completely adjustable fork (spring preload and hydraulic compression and rebound damping) with 45 mm diam. upside down stanchions and caliper mounting for radial brake calipers
Front wheel travel	170 mm
Rear suspension	single arm with progressive linkage, monoshock with adjustable hydraulic rebound damping and spring preload adjuster knob
Rear wheel travel	155 mm
Front brake	dual 320 mm stainless steel floating discs, radial calipers with 4 horizontally opposed pistons
Rear brake	282 mm stainless steel fixed disc, floating caliper with 2 parallel pistons
Wheels	Light alloy (tubeless, spoked)
Front wheel rim	2.50" x 19"
Rear wheel rim	4.25" x 17"
Front tyre	110/80 R19"
Rear tyre	150/70 R17"

**ELECTRICAL SYSTEM**

System voltage	12 V
Battery	12V - 18 Ah
Alternator	12 V - 550 W
Length	2250 mm
Width (NTX)	920 mm (1,050 mm)
Height (NTX)	1,430 mm (1,480 mm)
Saddle height	820-840 mm (adjustable)
Minimum ground clearance	210 mm
Kerb weight. (NTX)	257 Kg (272 Kg)
Fuel tank capacity	32 litres
Reserve	7 litres