



MOTO GUZZI STELVIO NTX

ENGINE

Type	90° V-Twin, 4 stroke
Displacement	1,151cc
Bore and stroke	95 x 81.2 mm
Compression ratio	11:1
Valve timing	intake open 12° BTDC intake close 49° ABDC exhaust open 55° BBDC exhaust closed 19° ATDC
Maximum power	77kW(105CV) at 7,250 RPM
Maximum torque	113 Nm at 5,800 RPM
Fuel Supply	Multipoint sequential electronic ignition, Magneti Marelli IAW5A phased, alfa-n system; two Ø 50mm throttle bodies, Weber IWP 189 injectors, lambda probe.
Exhaust system	Stainless steel, 2-in-1 type, three-way catalytic convertor with lambda probe.

TRANSMISSION

Gears	6 speed
Internal ratios	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
Secondary 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

ELECTRICS

Battery	12 V – 18 Amp/h
Alternator	12V – 550W

FRAME

Frame	High yield strength tubular steel with integrated engine
Wheelbase	1,535mm
Trail	125mm
Steering rake	27°
Front suspension	Completely adjustable for with 50mm diam. Upside down stanchions and caliper mounting for radial brake calipers.
Front wheel travel	170mm
Rear suspension	Single arm with progressive linkage, monoshock with adjustable hydraulic rebound damping and spring preload adjuster knob.
Rear wheel travel	155mm
Front brake	Dual 320mm stainless steel floating discs, radial calipers with 4 horizontally opposed pistons
Rear brake	282mm stainless steel fixed disc, floating caliper with 2 parallel pistons

WHEELS

Wheels	Tubeless with spokes
Front wheel	2.50" x 19"
Rear wheel	4.25" x 17"
Front tyre	110/80 - R19"
Rear tyre	150/70 - R17"

DIMENSIONS

Length	2,250 mm
Width (handlebars)	1,025 mm
Height (windshield)	1,475 mm
Seat height	840 mm
Ground clearance	210mm
Dry weight	251Kg
Fuel tank capacity	18.0 litres
Reserve	4.5 litres

