



MGX-21

Technical Specifications

ENGINE

Type

90° Transverse V-twin, 4-stroke, 4-valve, dual spark ignition per cylinder

Cooling

Air and oil cooled. Oil cooler with a fan and dedicated oil pump

Displacement

84.21 cu in (1,380 cc)

Bore and Stroke

4.09 x 3.20 in (104 x 81.2 mm)

Compression Ratio

10.5 +/- 0.5 : 1

Maximum Power

96,6 HP (71 kW) @ 6,500 rpm

Torque

89 ft-lbs (121 Nm) of torque @ 3,000 rpm

Start

Electric single push button to start

Exhaust System

Black stainless steel, 2 in 2 with crossover and 3-way catalytic converter, double lambda probe

Homologation

DOT, EPA and CARB compliant

Transmission

Gears

6-speed transmission with overdriven 6th gear

Gear ratio values

1[^] 17/38 = 1 : 2,235

2[^] 20/34 = 1 : 1,700

3[^] 23/31 = 1 : 1,347

4[^] 26/29 = 1 : 1,115

5[^] 31/30 = 1 : 0,967

6[^] 30/24 = 1 : 0,800

Primary Drive

With helical teeth (ratio 26/35 = 1: 1,346)

Final Drive

Cardan shaft and bevel gear (ratio 10/36 = 1: 3,600)

Clutch

Single plate with integrated flexible coupling

CHASSIS

ALS steel twin tube cradle frame

Wheelbase

66.93 in (1700 mm)

Trail

187 mm

Headstock angle

32°

Front wheel travel

4.24 in (107.7 mm)

Rear wheel travel

4.72 in (120 mm)

Front suspension

Hydraulic telescopic fork, Ø 1.76 in (44.8 mm) with mounting for radial callipers brakes

Rear suspension

Swingarm with double shock absorber with adjustable spring preload

Front brake

Double stainless steel floating disc Ø 12.60 in (320 mm) clamps radial 4- piston opposed

Rear brake

Stainless steel floating disc Ø 11.10 (282 mm), two-piston callipers

Wheels

Aluminum alloy for tubeless tyres

Front wheel rim

3.50" x 21"

Rear wheel rim

5.50" x 16"

Front tyre

120/70 R21 62V

Rear tyre

180/60 R16 80H

DIMENSIONS**Length**

2560 mm

Width

920 mm

Height

1275 mm

Seat height

740 mm

Curb weight

341 Kg (with all fluids, battery included, without fuel)

Fuel tank capacity

5.41 +/- 0.13 gal US (4.51 +/- 0.11 UK gal) (20.5 +/- 0.5 l) 20,5 litres included 5 lt. reserve