

IDEO 50



Engine

Type	Single cylinder four stroke engine, air-cooled
Bore x Stroke	39,0 mm x 41,5 mm
Displacement	50 cc
Compression ratio	10,5 : 1
Fuel	Unleaded fuel only, RON/ROZ min. 95
Fuel-mixture generation	Electronic fuel injection
Maximum net power	2,1 kW @ 8000 min ⁻¹
Maximum net torque	2,6 Nm @ 7500 min ⁻¹
Environmental step	Euro 5
Lubrication	Forced-feed lubrication
Ignition	ECU
Starter	Electric starter, kick starter
Stationary sound level	76 dB(A) @ 4000 min ⁻¹
Drive-by sound level	71 dB(A)
Limit value for L urban	71 dB(A)

Transmission

Gearbox	CVT automatic transmission
Final drive	Belt

Dimensions

Length	1900 mm
Width	690 mm
Height	1135 mm
Wheelbase	1330 mm
Seat height	780 mm
Ground clearance	110 mm
Fuel tank maximum capacity	5,0 L
Number of seating positions	2

Mass

Mass in running order	96 kg
Permissible maximum weight	246 kg
Permissible front axle weight	77 kg
Permissible rear axle weight	169 kg

Chassis

Front rim	MT2.75 x 12
Rear rim	MT2.75 x 12
Front tire	110/70-12
Rear tire	120/70-12
Front suspension	Teleskopik fork
Rear suspension	Swingarm with single shock absorber
Front brake	Hydraulic disc brake, brake disc Ø 190 mm
Rear brake	Mechanic drum brake, brake drum Ø 110 mm

Driving performance

Top speed	45 km/h
Fuel consumption	2,2 L/100 km
CO ₂ emissions	54 g/km
Power/weight ratio	0,02 kW/kg
Gradability	9°

Standard equipment included

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Optional additional equipment

Registration

Vehicle category	L1e-B
Homologation number	e13*168/2013*00800*02
Variant	0
Version	0