**Bajaj RE Diesel**

**TECHNICAL SPECS**

Engine:

* Type : Four stroke, forced air cooled, CI engine
* Bore  x  stroke,  mm : 83.0 / 77.0
* No. of cylinders : One
* Displacement : 416.6 cc
* Compression ratio :24.0 ± 1.0 : 1
* Max. Power, kW @ rpm : 5.04 kW@ 3000 rpm
* Max. Torque, Nm @ rpm: 18.7 N.m @ 2200(±200)
* Air cleaner type : Paper element
* Clutch Type: Dry type

**Transmission**

* Transmission : 4 Forward + 1 Reverse

**Chassis**

* Type : Monocoque

**Suspension**

* Type / Description : Front – Swing arm with Antidive Link, Rear – Swing arm
* Spring : Front – Helical coil compression spring, Rear – Helical coil compression spring.
* Shock absorbers : Front - Hydraulic, double acting, Rear – Hydraulic, double acting.

**Brake**

* Service brake (Brief description) Single control, right foot operated hydraulic brakes with TMC
* Wheel rim size : Front- 3.00  x 8, Rear - 3.00  x 8
* Tyre size Front & Rear : Front & Rear - 4.00-8, 4PR

**Electrical**

* System voltage, V : 12 V, AC + DC
* Battery rating, Ah : 12 V, 32 A.h
* Wiper motor : Electrical
* Wiping system (Brief description) : Single speed electrical wiper motor with wiper arm and blade
* Fuel tank Capacity : Full – 8.0 ltrs

**Dimensions**

* Wheel base : 2000mm
* Overall length : 2650mm
* Overall width : 1300mm
* Overall height : 1710mm
* Rear track : 1150mm
* Min. ground clearance : 170mm

**Weights**

* Maximum GVW : 680kg
* Kerb weight : 354kg
* Gradeability : 22 % (12.4°) max.

RE 4S CNG

Engine:

* Type : Four stroke, forced air cooled, SI engine
* Bore  x  stroke,  mm : 57.0 / 68
* No. of cylinders : One
* Displacement : 173.5 cc
* Compression ratio :9.0 ± 1.0 : 1
* Max. Power, kW @ rpm : 6.00 kW@ 5000 rpm
* Max. Torque, Nm @ rpm: 11.4 N.m @ 4000
* Air cleaner type : Dry Paper element
* Clutch Type: Wet multidisc type

**Transmission**

* Transmission : 4 Forward + 1 Reverse

**Chassis**

* Type : Monocoque

**Suspension**

* Type / Description : Front – Swing arm with Antidive Link, Rear – Swing arm
* Spring : Front – Helical coil compression spring, Rear – Helical coil compression spring.
* Shock absorbers : Front - Hydraulic, double acting, Rear – Hydraulic, double acting.

**Brake**

* Service brake (Brief description) Single control, right foot operated hydraulic brakes with TMC
* Wheel rim size : Front- 3.00  x 8, Rear - 3.00  x 8
* Tyre size Front & Rear : Front & Rear - 4.00-8, 4PR

**Electrical**

* System voltage, V : 12 V, DC
* Battery rating, Ah : 12 V, 32 A.h
* Wiper motor : Electrical
* Wiping system (Brief description) : Single speed electrical wiper motor with wiper arm and blade
* Fuel tank Capacity : Full – 7.5 ltrs, Reserve -0.75

**Dimensions**

* Wheel base : 2000mm
* Overall length : 2625mm
* Overall width : 1300mm
* Overall height : 1710mm
* Rear track : 1150mm
* Min. ground clearance : 200mm

**Weights**

* Maximum GVW : 630kg
* Kerb weight : 317kg
* Gradeability : 19 % (10.8°) max.

**RE 2S**

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Engine:

* Type : Two stroke, forced air cooled, SI engine
* Bore  x  stroke,  mm : 57 / 57
* No. of cylinders : One
* Displacement : 145.45 cc
* Compression ratio :10.0 ± 0.7 : 1
* Max. Power, kW @ rpm : 5.24 kW@ 5000 rpm
* Max. Torque, Nm @ rpm: 12.17 N.m @ 3500
* Air cleaner type : Oil Bath Type
* Clutch Type: Wet multidisc type

**Transmission**

* Transmission : 4 Forward + 1 Reverse

**Chassis**

* Type : Monocoque

**Suspension**

* Type / Description : Front – Swing arm with Antidive Link, Rear – Swing arm
* Spring : Front – Helical coil compression spring, Rear – Helical coil compression spring.
* Shock absorbers : Front - Hydraulic, double acting, Rear – Hydraulic, double acting.

**Brake**

* Service brake (Brief description) Single control, right foot operated hydraulic brakes with TMC
* Wheel rim size : Front- 3.00  x 8, Rear - 3.00  x 8
* Tyre size Front & Rear : Front & Rear - 4.00-8, 4PR

**Electrical**

* System voltage: 12 V, AC
* Battery rating, Ah : 12 V, 32 A.h

**Fuel Tank**

* System voltage: 12 V, AC + DC
* Battery rating, Ah : 12 V, 9 A.h
* Wiper motor : Electrical
* Wiping system (Brief description) : Single speed electrical wiper motor with wiper arm and blade
* Fuel tank Capacity : Full – 8.0 ltrs, Reserve -1.40 ltr

**Dimensions**

* Wheel base : 2000mm
* Overall length : 2625mm
* Overall width : 1300mm
* Overall height : 1710mm
* Rear track : 1150mm
* Min. ground clearance : 180mm

**Weights**

* Maximum GVW : 610kg
* Kerb weight : 284kg
* Gradeability : 16 % (9.1°) max.

**RE 2S CNG**

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Engine:

* Type : Two stroke, forced air cooled, SI engine
* Bore  x  stroke,  mm : 57 / 57
* No. of cylinders : One
* Displacement : 145.45 cc
* Compression ratio :10.0 ± 0.7 : 1
* Max. Power, kW @ rpm : 4.9 kW@ 5000 rpm
* Max. Torque, Nm @ rpm: 10.8 N.m @ 3500
* Air cleaner type : Foam Element
* Clutch Type: Wet multidisc type

**Transmission**

* Transmission : 4 Forward + 1 Reverse

**Chassis**

* Type : Monocoque

**Suspension**

* Type / Description : Front – Swing arm with Antidive Link, Rear – Swing arm
* Spring : Front – Helical coil compression spring, Rear – Helical coil compression spring.
* Shock absorbers : Front - Hydraulic, double acting, Rear – Hydraulic, double acting.

**Brake**

* Service brake (Brief description) Single control, right foot operated hydraulic brakes with TMC
* Wheel rim size : Front- 3.00  x 8, Rear - 3.00  x 8
* Tyre size Front & Rear : Front & Rear - 4.00-8, 4PR

**Electrical**

* System voltage: 12 V, AC +DC
* Battery rating, Ah : 12 V, 9 A.h
* Wiper motor : Electrical
* Wiping system (Brief description) : Single speed electrical wiper motor with wiper arm and blade
* Fuel tank Capacity : Full – CNG 4 kgs,  (29L or 30L Cyl.), Petrol - 3 litrs.

**Dimensions**

* Wheel base : 2000mm
* Overall length : 2625mm
* Overall width : 1300mm
* Overall height : 1710mm
* Rear track : 1150mm
* Min. ground clearance : 200mm

**Weights**

* Maximum GVW : 665kg
* Kerb weight : 335kg
* Gradeability : 13.5 % (7.5°) max.