

# MOTRON Revolver 125



## Engine

|                         |                                                |
|-------------------------|------------------------------------------------|
| Type                    | Single cylinder four stroke engine, air-cooled |
| Bore x Stroke           | 52.4 mm x 57.8 mm                              |
| Displacement            | 124.6 cc                                       |
| Compression ratio       | 9.2 : 1                                        |
| Fuel                    | Unleaded fuel only, RON/ROZ min. 95            |
| Fuel-mixture generation | Electronic fuel injection                      |
| Maximum net power       | 7.0 kW @ 8500 min <sup>-1</sup>                |
| Maximum net torque      | 9.0 Nm @ 6500 min <sup>-1</sup>                |
| Environmental step      | Euro 5                                         |
| Lubrication             | Forced-feed lubrication                        |
| Ignition                | ECU                                            |
| Starter                 | Electric starter                               |
| Stationary sound level  | 81 dB(A) @ 4250 min <sup>-1</sup>              |
| Drive-by sound level    | 73 dB(A)                                       |
| Limit value for L urban | 74 dB(A)                                       |

## Transmission

|             |                |
|-------------|----------------|
| Gearbox     | 6-speed manual |
| Final drive | Chain          |

## Dimensions

|                             |         |
|-----------------------------|---------|
| Length                      | 2061 mm |
| Width                       | 835 mm  |
| Height                      | 1105 mm |
| Wheelbase                   | 1380 mm |
| Seat height                 | 720 mm  |
| Fuel tank maximum capacity  | 13 L    |
| Number of seating positions | 2       |

## Mass

|                               |        |
|-------------------------------|--------|
| Mass in running order         | 141 kg |
| Permissible maximum weight    | 291 kg |
| Permissible front axle weight | 102 kg |
| Permissible rear axle weight  | 189 kg |

## Chassis

|                  |                                           |
|------------------|-------------------------------------------|
| Front rim        | 2.15 x 18                                 |
| Rear rim         | 3.00 x 15                                 |
| Front tire       | 90/90 - 18 M/C 51P                        |
| Rear tire        | 140/90 - 15 M/C 70H                       |
| Front suspension | Telescopic fork                           |
| Rear suspension  | Swingarm with double shock absorber       |
| Front brake      | Hydraulic disc brake, brake disc Ø 267 mm |
| Rear brake       | Hydraulic disc brake, brake disc Ø 240 mm |

## Driving performance

|                           |              |
|---------------------------|--------------|
| Top speed                 | 90 km/h      |
| Fuel consumption          | 1.9 L/100 km |
| CO <sub>2</sub> emissions | 44 g/km      |
| Power/weight ratio        | 0.05 kW/kg   |
| Gradability               | 20 %         |

## Standard equipment included

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## Optional additional equipment

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## Registration

|                     |                          |
|---------------------|--------------------------|
| Vehicle category    | L                        |
| Homologation number | e13*168/2013*01116*00_00 |
| Variant             | 00                       |
| Version             | 2                        |