



**BOXER** BM 150 | BM 150X  
MADE STRONGER TO LAST LONGER



## Technical Specifications

**BOXER**  
MADE STRONGER TO LAST LONGER

EM 150

EM 150X

<b>Engine</b>	: 4 stroke, single cylinder Natural air cooled, Spark ignition	<b>Front Brake</b>	: Mech. expanding shoe 130 mm dia. Drum
<b>Bore x Stroke</b>	: 56.0 mm x 58.8 mm	<b>Rear Brake</b>	: Mech. expanding shoe 130 mm dia. Drum
<b>Eng. Displacement</b>	: 144.8 cc	<b>Fuel Tank Capacity</b>	:
<b>Compression Ratio</b>	: 9.8 ± 0.5 : 1	Full	: 11 liters
<b>Idling Speed</b>	: 1400 rpm ± 100	Reserve	: 2.5 liters
<b>Max. Net Power</b>	: 12 PS @ 7500 rpm	Usable	: 1 liters
<b>Max. Net Torque</b>	: 12.3 Nm @ 5500 rpm	<b>Dimensions</b>	:
<b>Ignition System</b>	: AC, Digital CDI with TRICS	Length	: 2016 mm
<b>Spark Plug (1 Nos)</b>	: CHAMPION PRZ9HC or BOSCH UR4AC	Width	: 760 mm
<b>Spark Plug Gap</b>	: 0.7~0.8 mm	Height	: 1028 mm
<b>Lubrication</b>	: Wet sump, Forced.	Wheel base	: 1285 mm
<b>Transmission</b>	: 4 speed constant mesh.	Ground clearance	: 190 mm
		Turning circle radius	: 2050 mm

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BM 150X

### **Tyre Size**

Front : 3.00 X 17", 45 P  
Rear : 100/90 X 17", 55 P

For BM 150X

Front : 3.00 X 17" Semi Knobby Type  
Rear : 3.00 X 17" Semi Knobby Type

### **Tyre Pressure**

Front : 1.75 kg/cm<sup>2</sup> (25 PSI)  
Rear (Solo) : 2.00 kg/cm<sup>2</sup> (28 PSI)  
Rear (Pillion) : 2.25 kg/cm<sup>2</sup> (32 PSI)

**Electrical System** : 12 Volts (AC/DC)

Head Lamp

(w/o Pilot lamp) : 35/35W HS1

Neutral : 12V, 2W

Tail / Stop Lamp : 12V, 5/21W

Turn Signal Indicator : 12, 2W

Side indicator Lamp : 12V, 10W (4nos.-  
clear bulb)

Hi Beam Indi. Lamp : 12V, 2W

Speedometer Lamp : 12V, 2W

Fuel Meter lamp : 12V, 2W

Horn : 12 V DC

Battery : 12 V 5 Ah MF

**Vehicle Kerb Weight** : 122 kg.

**Gross Vehicle Weight** : 252 kg.

**Max. Speed** : 100 km/hr. (With  
single rider 68kg)

**Climbing Ability** : 25% max. (14<sup>o</sup>)

*Note : All dimensions are under UNLADEN  
condition. Above information is subject to  
change without any notice.*