



# YOUR FAVORITE BOXER 100CC

NOW AVAILABLE WITH ELECTRIC START



FUEL EFFICIENCY



DURABILITY



POWER



COMFORT



LOW MAINTENANCE

***BOXER***

MADE STRONGER TO LAST LONGER

# 100ES



Available in 3 colours:



## ENGINE

Engine	4 Stroke, Air cooled, SOHC, SI Engine
No. of cylinders	One
Bore	47 mm
Stroke	58.80 mm
Engine Displacement	102 cc
Compression Ratio	9.8 : 1
Idling Speed	1450 ± 100 rpm
Max. Net Power	7.7 Ps at 7500 rpm
Max. Net Torque	8.24 Nm at 5500 rpm
Ignition System	Digital CDI
Spark Plug	Champion PRZ9HC / BOSCH UR4AC
Spark Plug Gap	0.7 to 0.8 mm
Lubrication	Wet sump, Forced lubrication
Transmission	4 speed constant mesh.
Gear shifting pattern	All down shift
Starting	Electric Start + Kick Start

## CHASSIS AND BODY

Frame Type	Tubular
Front Suspension	Hydraulic, Telescopic, 125 mm travel
Rear Suspension	Hydraulic Twin suspension, SNS type.
Front Brake	110 mm, Drum brake
Rear Brake	130 mm, Drum brake
Tyre Front	2.75 x 17", 41P
Tyre Rear	3.00 x 17", 50P
Tyre Pressure - Front	1.75 Kg/cm <sup>2</sup> (25 PSI)
Tyre Pressure - Rear (Solo)	2.00 Kg/cm <sup>2</sup> (28 PSI)
Tyre Pressure - Rear (Pillion)	2.25 Kg/cm <sup>2</sup> (32 PSI)

## FUEL TANK

Fuel Tank Capacity - Full	10.5 Liters
Usable Reserve <sup>Reserve</sup>	2.9 Litres
Unusable Reserve	2.4 Liters

## DIMENSIONS

Length	1975 mm
Width	752 mm
Height	1074 mm
Wheel Base	1235 mm
Ground Clearance	176 mm

## ELECTRIC

Electrical System	12 Volts AC + DC
Head Lamp	12V 35 / 35 W
Position Pilot Lamp	-
Stop Lamp/Tail Lamp	12V 21 / 5 W
Turn Signal Lamp	12V 10 W
Neutral Indicator Lamp	12V 3 W (Green)
Hi Beam Indicator Lamp	12V 3 W (Blue)
Turn Pilot Indicator Lamp	12V 3 W (Green)
Speedometer Lamp	12V 3 W
Horn	12V DC
Battery	12V 3Ah VRLA
Vehicle Kerb Weight	111 kgs.
Gross Vehicle Weight	246 kgs.
Max. Speed	90 km/hr. (single rider 68 kg)
Climbing ability	25% (14°) max.

**For any enquiries  
please call on  
XXXXX**

**Dealer's Stamp & Address:**

- Accessories shown may not be part of the standard fitment
- Values given above are nominal & for guidance only, 15% variation is allowed to cater for production & measurement
- All dimensions are under un-laden conditions
- Definitions of terminologies wherever application are as per relevant IS/ISO standards
- Specification are subject to change without notice