

# Scooter Engine

This scooter engine features intelligent fuel efficiency and safe, comfortable operation. It is designed for modern scooters, providing enhanced performance and reliability.



## Overview

### High-Performance Scooter Engine

This newly designed 4-stroke, single-cylinder engine is engineered for modern scooters, delivering a balance of intelligent fuel efficiency and powerful output. It features a natural air-cooled system and offers both electric and foot start options for maximum reliability. Designed for safe and comfortable operation, this engine provides enhanced performance to meet the demands of daily commuting.

## Technical Specifications

### Bore and Stroke

Parameter	Value	Unit
Cylinder Diameter	50	mm
Piston Stroke	55.1	mm

Engine Type	4-stroke, Single-cylinder, Natural Air-cooled
Displacement	108.2 mL
Compression Ratio	9.5:1

## Performance Metrics

### Power and Torque

<b>6 kW</b> Max Net Power	<b>7500 r/min</b> Power Speed	<b>8.5 N·m</b> Max Torque	<b>5500 r/min</b> Torque Speed
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## Operation & Efficiency

Start Modes	Electric Start, Foot Start
Ignition Method	CDI
Min Fuel Consumption Rate	354 g/kW·h