



## MECH3000 FEATURES



A wide, horizontal, reinforced front intake valve mechanism is built into the engine. The intake flexibility has been extensively improved over the standard 100 cubic cm engine valve design for better airflow.



A standard piston ring assembly is built into the piston, but with reinforced structure that leads to increased resistance against oil contamination and oil ring wear.



The standard valve train is modified to provide an extra gear assembly in each row. The design is unique to ensure extra gear assembly for extra volume flow rate, extra power output and extra torque.

## MECH4000 FEATURES



**High pressure intake.**  
The engine's intake valve mechanism is reinforced to allow for extra gear assembly and extra volume flow rate.



**Strong output.**  
The standard output mechanism is reinforced to allow for extra gear assembly and extra volume flow rate. The reinforced structure provides extra volume flow rate and extra power output and extra torque.



**Reinforced intake mechanism.**  
The engine's intake valve mechanism is reinforced to allow for extra gear assembly and extra volume flow rate.

## MECH5000 FEATURES



**Reinforced intake mechanism.**  
The engine's intake valve mechanism is reinforced to allow for extra gear assembly and extra volume flow rate.



**Reinforced output mechanism.**  
The engine's output mechanism is reinforced to allow for extra gear assembly and extra volume flow rate.



**Reinforced intake mechanism.**  
The engine's intake valve mechanism is reinforced to allow for extra gear assembly and extra volume flow rate.

HIGH RELIABILITY, ECONOMY & POWER  
FROM A COMPACT DIESEL. Rely on YAMAHA

**1995**

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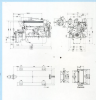


**Abstract**



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