



YANMAR

INDUSTRIAL GAS ENGINES

4TN88G / 4TN98G

2.2L / 45kW

3.3L / 63kW



4TN88G

Gas Engine for Off-Road Mobile Machinery

45kW
/ 2,600min⁻¹

4TN88G



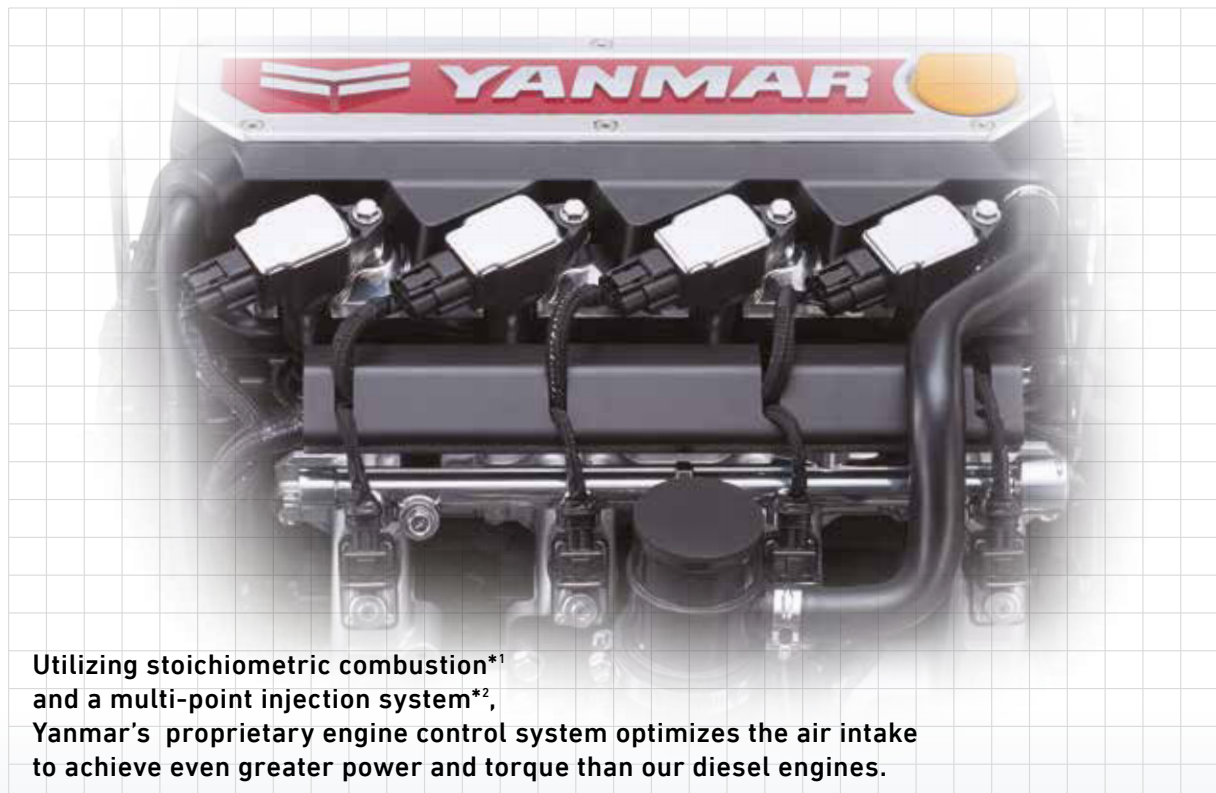
63kW
/ 2,500min⁻¹

4TN98G



Our Original and Advanced Gas Combustion Technology

- ✓ Higher Specific Power and Torque compared to Diesel Engines
- ✓ Class Leading Fuel Efficiency
- ✓ Endurance and Reliability of a Diesel Engine Block
- ✓ Compact Engine Configuration
- ✓ Compatibility with Diesel Engine



Utilizing stoichiometric combustion*¹ and a multi-point injection system*², Yanmar's proprietary engine control system optimizes the air intake to achieve even greater power and torque than our diesel engines.

*1 : Stoichiometric combustion : The stoichiometric mixture for a gas engine is the ideal ratio of air to fuel that burns all fuel with no excess air.
*2 : Multi-point injection system : A system that injects gas fuel to each air intake port of the cylinder.

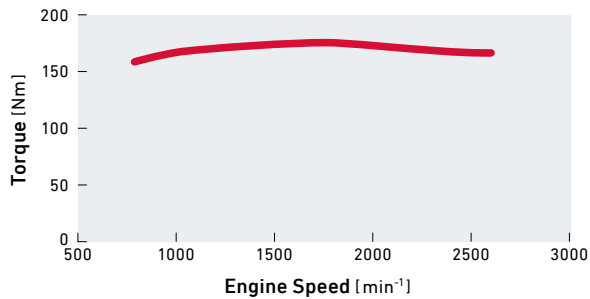
4TN88G

SPECIFICATION

Model	4TN88G	
Emission Compliance	EPA Tier2 / CARB Tier4 / EU Stage V	
Engine Type	Vertical,4-cycle water-cooled Engine	
Aspiration	Naturally aspirated	
Combustion System	Spark Ignition / Pre-mixed / Stoichiometry	
Fuel Type	LPG	
ATS	Three way catalyst	
Number of Cylinders	4	
Bore × Stroke	mm	88 × 90
Displacement	L	2.2
Rated Output (WOT*/SAE J1995)	kW / min ⁻¹	45 / 2,600
Max.Torque (WOT*/SAE J1995)	Nm / min ⁻¹	175 / 1,800
Overall Length × Width × Height	mm	659 × 535 × 701
Weight (Dry)	kg	175 (w/o ATS)

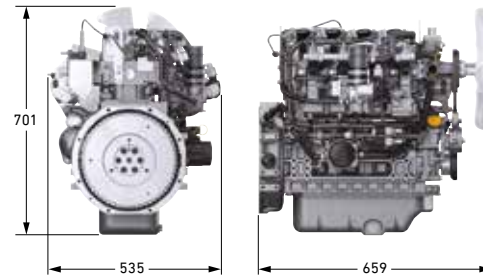
*WOT: Wide Open Throttle

PERFORMANCE CURVE [45kW / 2,600min⁻¹]



DIMENSIONS

Unit : mm



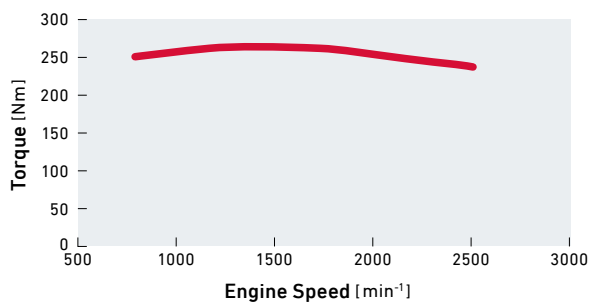
4TN98G

SPECIFICATION

Model	4TN98G	
Emission Compliance	EPA Tier2 / CARB Tier4 / EU Stage V	
Engine Type	Vertical,4-cycle water-cooled Engine	
Aspiration	Naturally aspirated	
Combustion System	Spark Ignition / Pre-mixed / Stoichiometry	
Fuel Type	LPG	
ATS	Three way catalyst	
Number of Cylinders	4	
Bore × Stroke	mm	98 × 110
Displacement	L	3.3
Rated Output (WOT*/SAE J1995)	kW / min ⁻¹	63 / 2,500
Max.Torque (WOT*/SAE J1995)	Nm / min ⁻¹	264 / 1,200
Overall Length × Width × Height	mm	725 × 577 × 796
Weight (Dry)	kg	240 (w/o ATS)

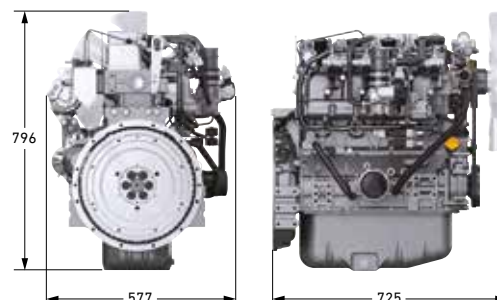
*WOT: Wide Open Throttle

PERFORMANCE CURVE [63kW / 2,500min⁻¹]



DIMENSIONS

Unit : mm





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