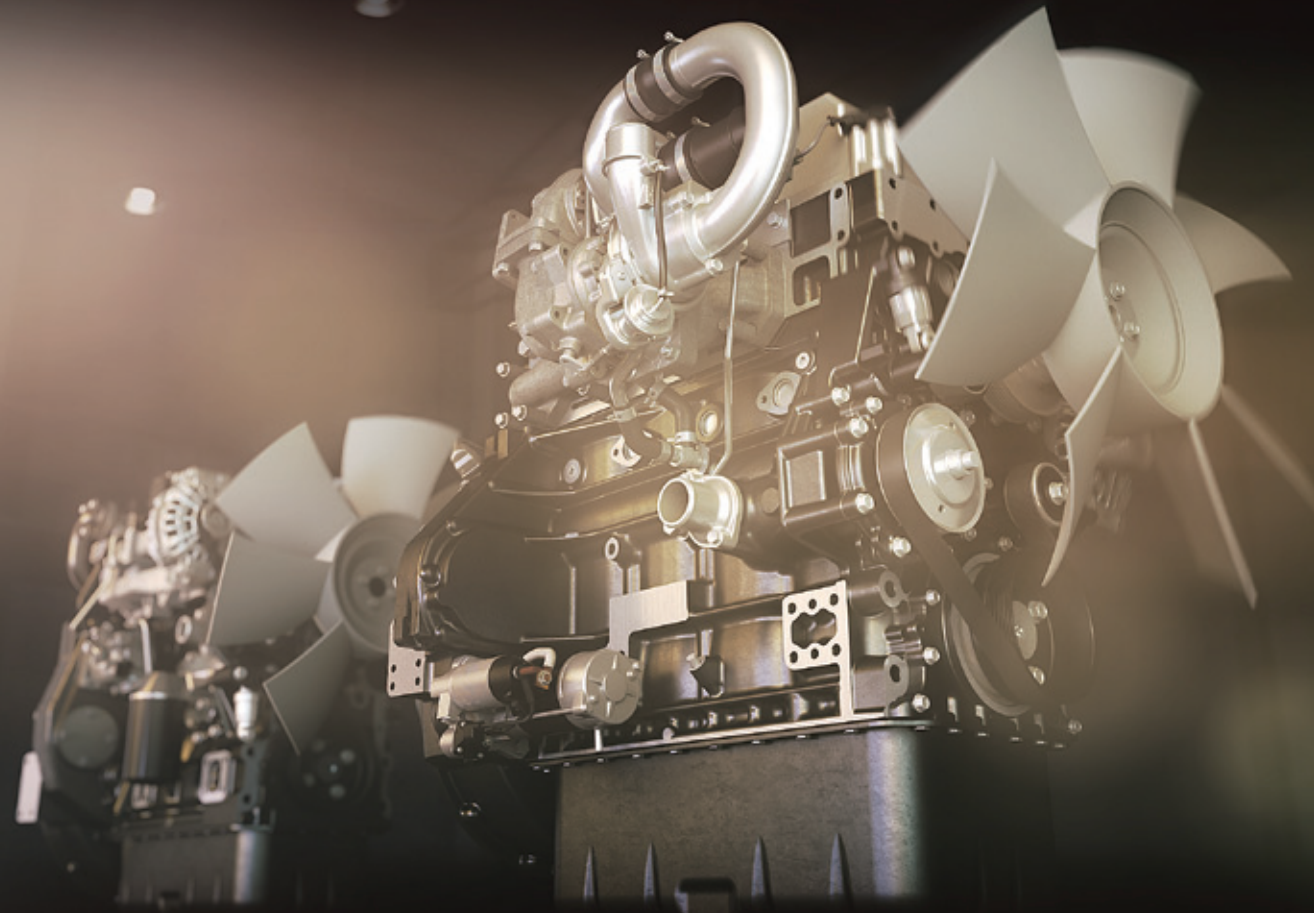




YANMAR

DIESEL ENGINE

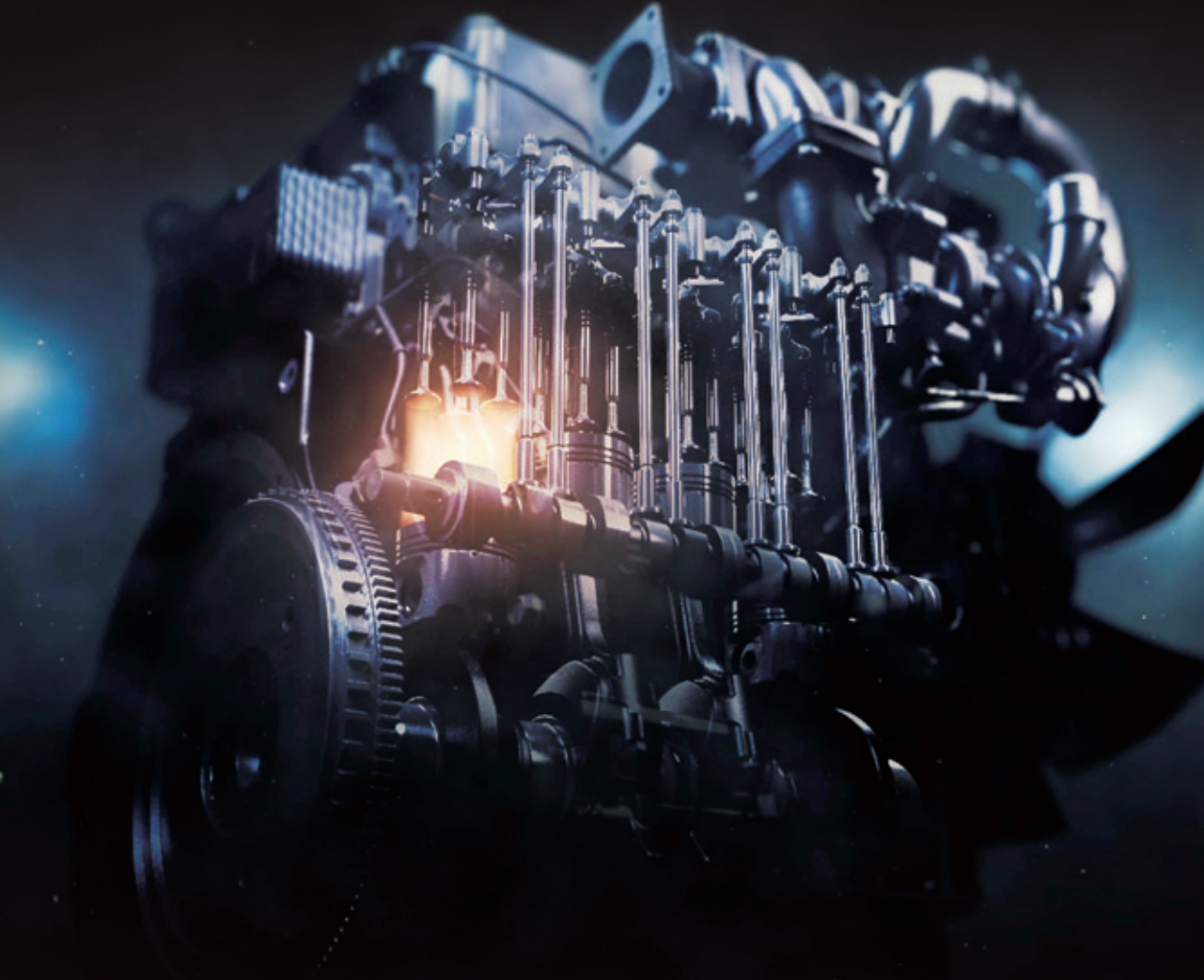
Best Choice for Off-Road Mobile Machinery



4TN101 | 4TN107

3.8L / 105kW

4.6L / 155kW



- Best in Class 10% Less Fuel Consumption*
- High Power Density 34kW/L
- Outstanding Torque 805 Nm
- Compact Size
- Maximize Uptime
- Wide Power Range

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* Based upon the comparison of average industry standards with our test results.

NEW DIESEL ENGINES POWER UP TO 155kW



4TN101 [Standard Output / High Output]

Standard Output

77kW / 2,000min⁻¹ **85kW** / 2,200min⁻¹

High Output

96kW / 2,000min⁻¹ **105kW** / 2,200min⁻¹



4TN107 [Single Turbo]

90kW / 1,800min⁻¹ **100kW** / 2,000min⁻¹ **110kW** / 2,200min⁻¹



4TN107 [2 Stage Turbo]

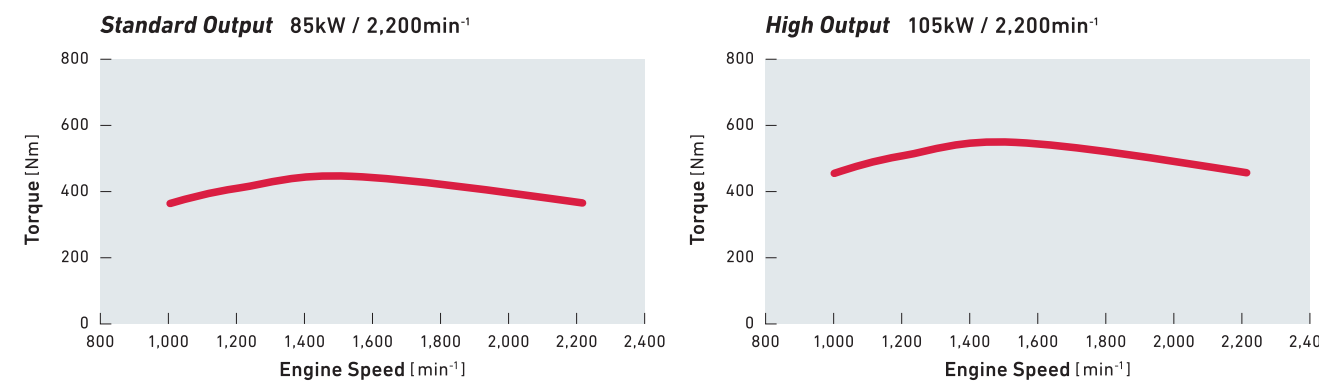
127kW / 1,800min⁻¹ **141kW** / 2,000min⁻¹ **155kW** / 2,200min⁻¹

4TN101

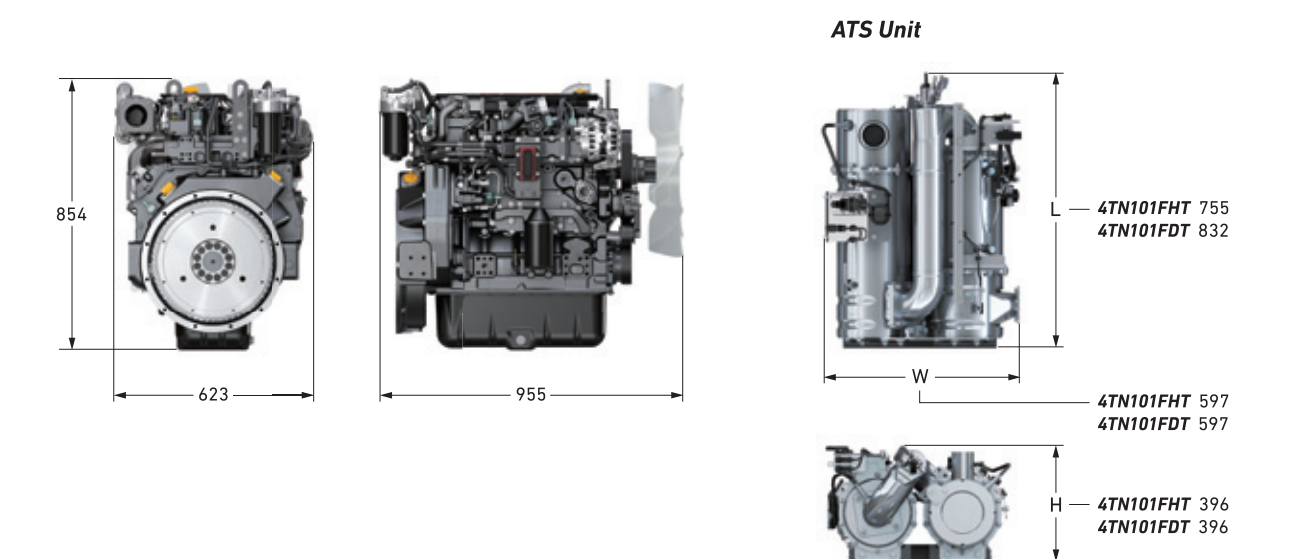
SPECIFICATION

Model	4TN101FHT [Standard Output]		4TN101FDT [High Output]	
Emission Compliance	EU StageV / EPA-CARB Final Tier4			
Aspiration	T/C with CAC			
Fuel Injection	Common Rail Direct Injection (CRDI)			
Fuel Injection System	Common Rail			
EGR	Cooled EGR			
ATS (After Treatment System)	DOC + DPF + SCR			
No. of Cylinders	4			
Bore × Stroke	101 × 120.03			
Displacement	3,847			
Rated Output	kW / min ⁻¹	77 / 2,000	85 / 2,200	96 / 2,000 105 / 2,200
Max.Torque	Nm / min ⁻¹	445 / 1,500		550 / 1,500
Low-speed Torque	Nm / min ⁻¹	370 / 1,000		455 / 1,000
Overall Length × Width × Height	mm	955 × 623 × 854 (w/o ATS)		
Weight (Dry)	kg	464 (w/o ATS)		

PERFORMANCE CURVES



DIMENSIONS



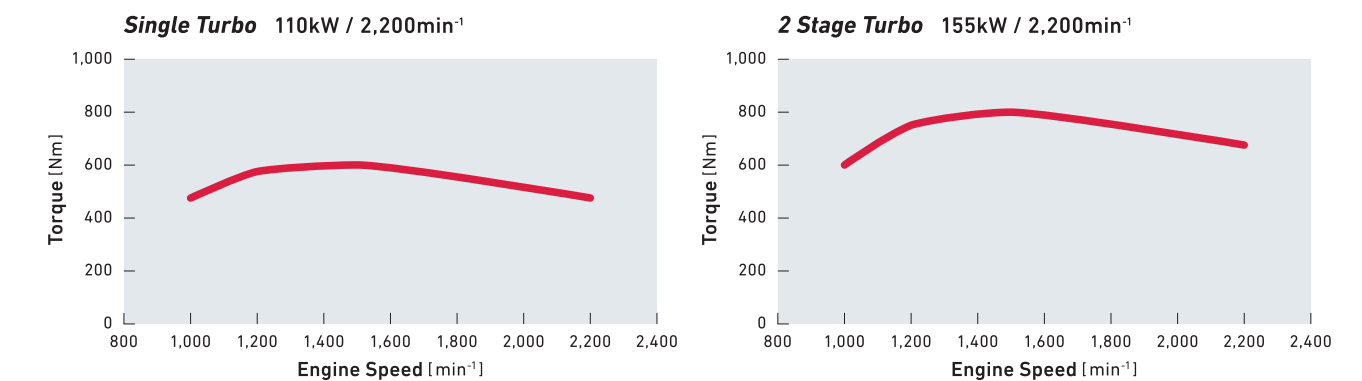
Note : Specification is subject to change without any notice.
DPF is the filter device designed to remove particulate matter(PM) from exhaust gas.
CAC means charged air cooler.

4TN107

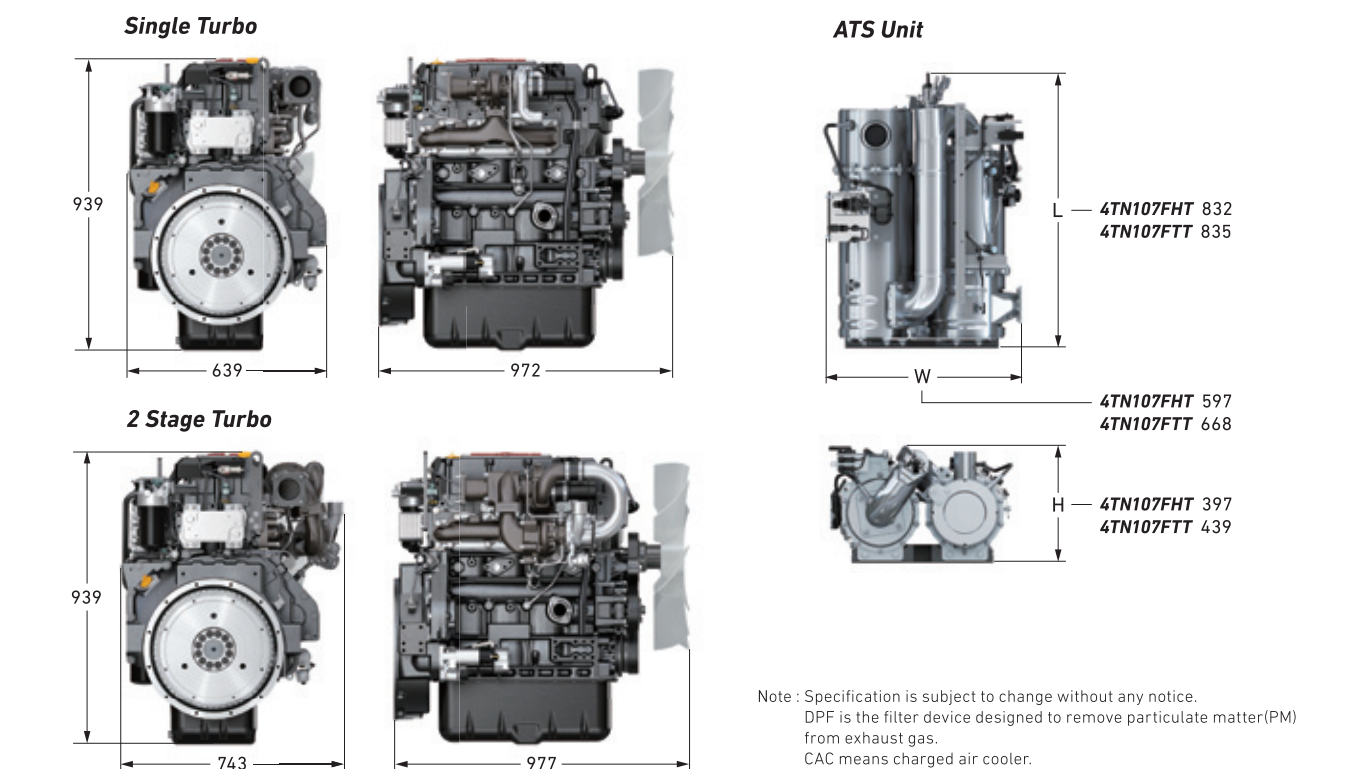
SPECIFICATION

Model	4TN107FHT [Single Turbo]			4TN107FTT [2 Stage Turbo]		
Emission Compliance	EU StageV / EPA-CARB Final Tier4					
Aspiration	Single T/C with CAC			Two Stage T/C with CAC		
Fuel Injection	Common Rail Direct Injection (CRDI)					
Fuel Injection System	Common Rail					
EGR	Cooled EGR					
ATS (After Treatment System)	DOC + DPF + SCR					
No. of Cylinders	4					
Bore × Stroke	107 × 127.09					
Displacement	4,571					
Rated Output	kW / min ⁻¹	90 / 1,800	100 / 2,000	110 / 2,200	127 / 1,800	141 / 2,000 155 / 2,200
Max.Torque	Nm / min ⁻¹	602 / 1,350	602 / 1,500	602 / 1,500	805 / 1,350	805 / 1,500 805 / 1,500
Low-speed Torque	Nm / min ⁻¹	460 / 1,000			604 / 1,000	
Overall Length × Width × Height	mm	972 × 639 × 939 (w/o ATS)			977 × 743 × 939 (w/o ATS)	
Weight (Dry)	kg	545 (w/o ATS)			560 (w/o ATS)	

PERFORMANCE CURVES



DIMENSIONS



Note : Specification is subject to change without any notice.
DPF is the filter device designed to remove particulate matter(PM) from exhaust gas.
CAC means charged air cooler.