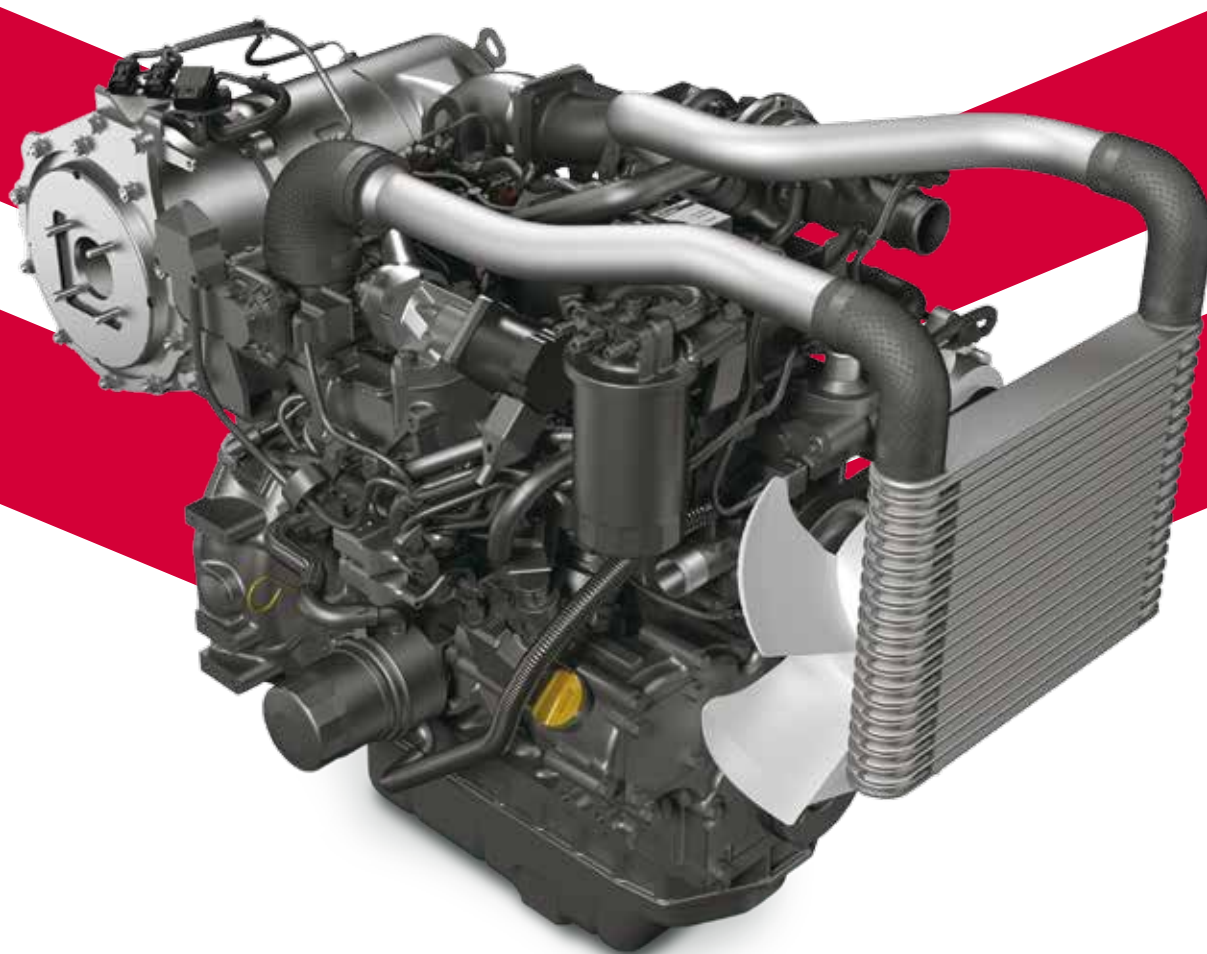




**YANMAR**

SERVING SMART INVESTORS

## ***NEW INTERCOOLED TURBO DIESEL SERIES***



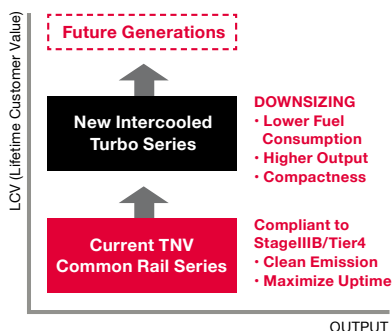
**STAGE 5**  
**READY**



**Our secret for Smart Investors is not only about buying new engines, but especially about ensuring their business' future needs.**

**New**

## ***Intercooled turbo diesel series***

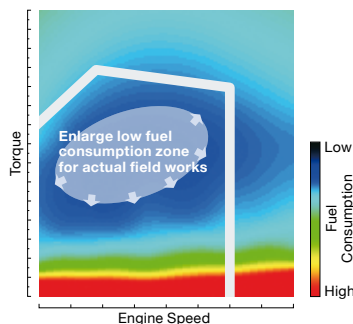


\* "DPF" is the filter device designed to remove particulate matter (PM) from exhaust gas.

In addition to the current TNV common rail series of engines, YANMAR introduces three new intercooled turbo diesel engines.

In our eternal pursuit of "Making the most from Limited Energy" we have developed an engine that integrates our advanced combustion technology, unique exhaust gas control and intercooled turbo charging technology.

The new intercooled turbo diesel engines offer lower fuel consumption, higher output and space savings with a smaller profile in the engine bay. Furthermore, these new engines have a larger low fuel consumption zone under the equipment's actual working conditions.



### ***Unique features:***

- Stage 5 Ready
- Lower Fuel Consumption
- Higher Power Density
- Compactness to Offer More Space
- No Scheduled Maintenance DPF\* for Min. 6,000 hours



## 3TNV86CHT



### SPECIFICATIONS [DPF on FWH and W/O Intercooler]

Engine Model	3TNV86CHT
Emission Compliance	EPA Tier4/EU StagellIA/FOEN
Fuel Injection	Direct Injection [DI]
Aspiration	T/C with Intercooler
Fuel Injection System	Common Rail
Intake Throttle Valve	Standard
Cooled EGR	Standard
Aftertreatment	DPF [Diesel Particulate Filter]
No. of Cylinders	3
Bore x Stroke	mm 86 x 90
Displacement	L 1.568
Rated Output [Gross]	kW/min-1 33.3/2,600
	hp/min-1 44.7/2,600
Max.Torque [Gross]	N·m/min-1 136-148/1,690
Voltage	V 12
Overall Length x Width x Height	mm 572 x 549 x 914
Weight [Dry]	kg 175

## 4TNV86CHT

### SPECIFICATIONS [DPF on FWH and W/O Intercooler]

Engine Model	4TNV86CHT
Emission Compliance	EPA Tier4/EU StagellIB/FOEN
Fuel Injection	Direct Injection [DI]
Aspiration	T/C with Intercooler
Fuel Injection System	Common Rail
Intake Throttle Valve	Standard
Cooled EGR	Standard
Aftertreatment	DPF [Diesel Particulate Filter]
No. of Cylinders	4
Bore x Stroke	mm 86 x 90
Displacement	L 2.091
Rated Output [Gross]	kW/min-1 48.5/2,600
	hp/min-1 65.0/2,600
Max.Torque [Gross]	N·m/min-1 198-216/1,690
Voltage	V 12 [24 Option]
Overall Length x Width x Height	mm 704 x 549 x 974
Weight [Dry]	kg 210



## 4TNV94FHT



### SPECIFICATIONS [DPF& SCR on Top and W/O Intercooler]

Engine Model	4TNV94FHT
Emission Compliance	EPA Final Tier4/EU StagellV/FOEN
Fuel Injection	Direct Injection [DI]
Aspiration	T/C with Intercooler
Fuel Injection System	Common Rail
Intake Throttle Valve	Standard
Cooled EGR	Standard
Aftertreatment	DPF [Diesel Particulate Filter] + SCR
No. of Cylinders	4
Bore x Stroke	mm 94 x 110
Displacement	L 3.054
Rated Output [Gross]	kW/min-1 69.8/2,000 77.2/2,200 88.4/2,500
	hp/min-1 93.6/2,000 103.5/2,200 118.5/2,500
Max.Torque [Gross]	N·m/min-1 378-410/1,450 378-410/1,450 378-410/1,700
Voltage	V 12 [24 Option]
Overall Length x Width x Height	mm 752 x 780 x 1,155
Weight [Dry]	kg 370

• Intercooler is designed and procured by customer.  
• All specification data is subject to change without notice.



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