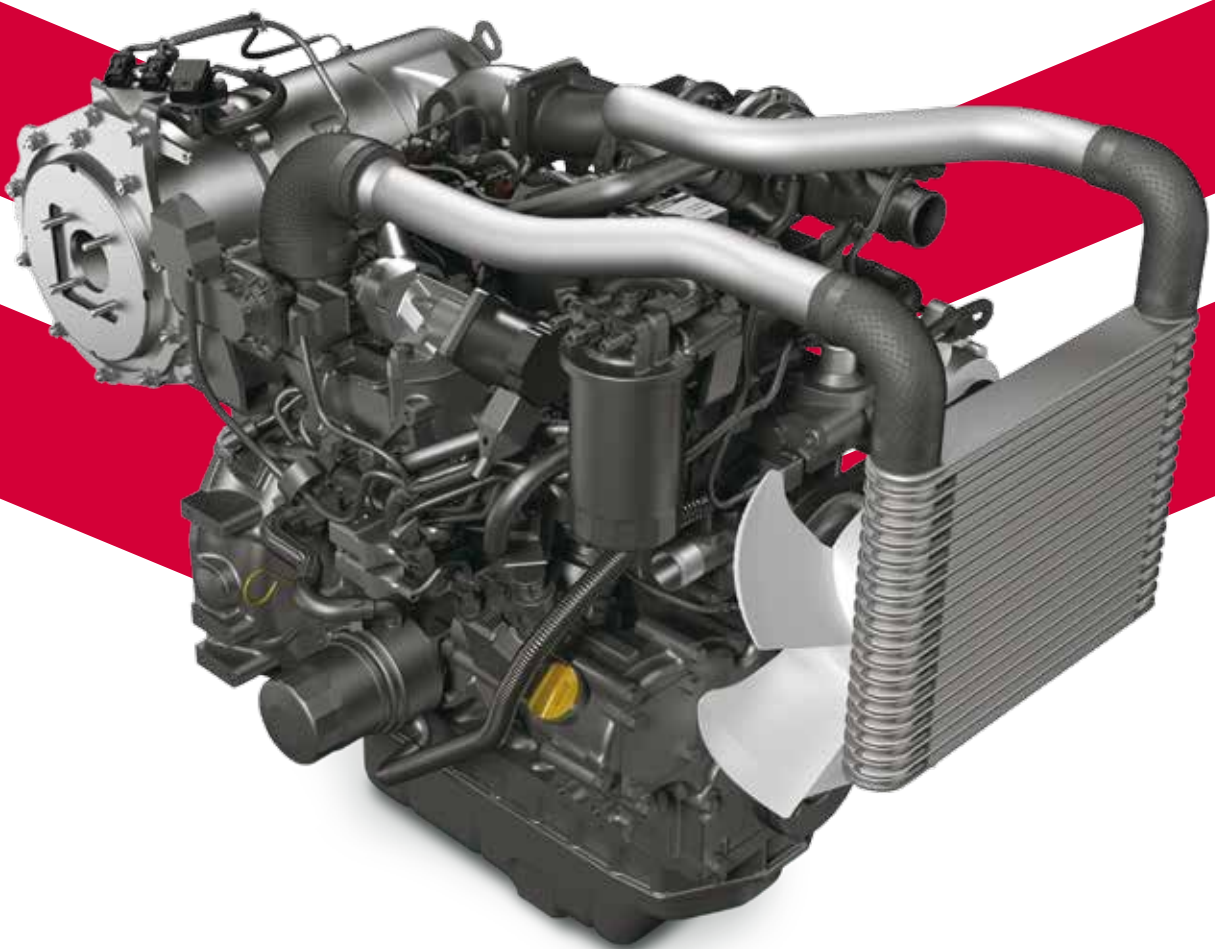




YANMAR

SERVING SMART INVESTORS

NEW INTERCOOLED TURBO DIESEL SERIES



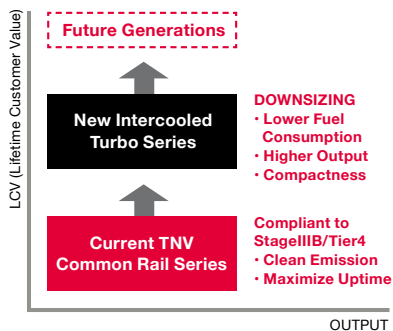
STAGE 5
READY



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

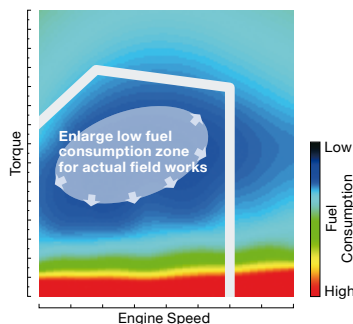


* "DPF" is the filter device designed to remove particulate matter (PM) from exhaust gas.

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

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

4TNV86CHT



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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