



**YANMAR**

***Safe Transition  
with YANMAR***



***STAGE 5***  
***CERTIFIED***



***“We would like to help you prepare for change.”***



#### **A SAFE TRANSITION**

From 2019, the new EU Stage V regulations are being phased in for all off-highway diesel engines regardless of power output.

OEMs need to ensure compliance while maintaining productivity and taking full advantage of the opportunities this will bring. It is vital to select the right engine supplier who can give accurate advice before purchase backed up with the relevant service expertise and aftercare.

Our engine range is the result of decades of experience, giving you the perfect combination of clean emissions, excellent durability and low cost of ownership. Our Stage V engines have a compact profile and the same footprint as the Stage 3A engines offering a smooth, trouble-free transition.

Yanmar has acquired certification not only for the stricter NOx(1) and PM/PN(2) standards imposed on the 19kW and above range, but also for the newly imposed emissions standards for all lower output engines.



***OUR PARTNERSHIP HAS NO DOWNTIME***

Whether you are trying to stay ahead of the competition or meet legislation like Stage V, change is inevitable. Our partnership is about helping our customers through this process, not only by providing high quality engines but more importantly a strong partnership that reaches far beyond the life cycle of the engine.

# ***With YANMAR you make the safe choice***

## ***Because our Stage V engines offer:***

- The same footprint as Stage 3A engines
- Availability as a powerpack, radiator and air cleaner mounted, including wiring harness and CAN panel
- A 50% reduction in lube oil consumption over Stage 3A engines
- Best in class fuel economy
- Maintenance free Diesel Particulate Filter (DPF)
- DPF can be mounted on flywheel housing, exhaust manifold or remote
- Unique three-way low temperature regeneration system
- A clog free DPF even under light load conditions
- Legendary durability
- Easy maintenance

## ***Because Yanmar is the safe choice:***

- Long term partnership
- Over 100 years experience in manufacture and design
- Yanmar built the world's first commercially viable small (5-6hp) diesel engine in 1932
- Over 300,000 common rail DPF controlled diesel engines running in tough off-highway conditions
- Renowned Yanmar quality, durability and proven reputation
- Worldwide support

**OUR PARTNERSHIP HAS NO DOWNTIME**

Output Range	Engine Model	Aspiration	Displacement (L)	Power (kW)	Aftertreatment Modules		
LESS THAN 19 kW	L48V	Natural	0.219	3.4	DOC		
	L70V	Natural	0.320	4.8			
	L100V	Natural	0.435	6.8			
	2TNV70	Natural	0.570	10,5			
	3TNV74F	Natural	0.993	14,2			
	3TNM68	Natural	0.784	14,5			
	3TNV70	Natural	0.854	17.0			
	3TNM74F	Natural	0.993	17.8			
	3TNV80F	Natural	1.267	18,4			
	3TNM72	Natural	0.903	18,5			
	3TNV88F	Natural	1.642	18.2			
	3TNV80FT	Turbocharged	1.267	18.4			
	3TNV76	Natural	1.116	18.9			
	3TNV82A	Natural	1.331	18.9			
19 TO 56 kW	3TNV88C	Natural	1.642	27.5	DOC	DPF	
	3TNV86CT	Turbocharged	1.568	32.4	DOC	DPF	
	3TNV86CHT	T/C with Intercooler	1.568	33.3	DOC	DPF	
	4TNV88C	Natural	2.190	35.5	DOC	DPF	
	4TNV86CT	Turbocharged	2.091	44.0	DOC	DPF	
	4TNV86CHT	T/C with Intercooler	2.091	48.5	DOC	DPF	
	4TNV98C	Natural	3.319	51.7	DOC	DPF	
	4TNV98CT	Turbochar	3.319	53.7	DOC	DPF	
56 kW and more	4TNV94FHT	T/C with Intercooler	3.054	88.4	DOC	DPF	SCR
	4TN107FHT	Single T/C with Intercooler	4.568	110.0	DOC	DPF	SCR
	4TN107FTT	Two Stage T/C with Intercooler	4.568	155.0	DOC	DPF	SCR

***Not just another brand.  
We're here to smooth the transition.***

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