



**YANMAR**

DIESEL ENGINES

# TNM/TNV Series

EPA FINAL TIER 4 < 19 kW



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# EPA Final Tier 4 Compliant DIESEL ENGINE

Yanmar's new engines comply with the latest emissions regulations through our original advanced diesel engine technologies and by drawing on our 100 years of experience.



**3TNM74F**

**3TNV74F**

**3TNV80F**

**3TNV88F**

Direct Injection

Electronic Control

## FEATURES

- Compact Durable Power
- Clean Emissions
- Low Fuel Consumption
- Low Noise, Low Vibration
- Installation Sustainability
- High Altitude Performance Control
- Direct Injection (3TNV88F only)
- Electronic Engine Control (3TNV88F only)

MODEL		3TNM74F	3TNV74F	3TNV80F	3TNV88F
Emission Regulation		EPA Final Tier 4			
Combustion		Indirect injection (IDI)			Direct injection (DI)
Aspiration		Natural aspiration			
Fuel Injection System		Mechanical			Mechanical with electronic governor
EGR System		N/A			Hot EGR
Cylinders		3	3	3	3
Bore	mm	74	74	80	88
Stroke	mm	77	77	84	90
Displacement	L	0.993	0.993	1.267	1.642
Max Rated Output (Gross)/speed <sup>*1</sup>	kW/min <sup>-1</sup> (hp/min <sup>-1</sup> )	17.8/3,600 (23.9/3,600)	13.7/3,000 (18.4/3,000)	17.8/3,000 (23.9/3,000)	18.2/2,400 (24.4/2,400)
Length <sup>*2</sup>	mm	450	504	523	588
Width <sup>*2</sup>	mm	416	427	427	577
Height <sup>*2</sup>	mm	506	506	532	697
Dry Weight <sup>*2</sup>	kg	88	103	117	152

\*1 Conforms to SAE J1995

\*2 The 3TNM74F engine only has a backplate, and 3TNV74F/80F/88F all have flywheel housings

[www.yanmar.eu](http://www.yanmar.eu)