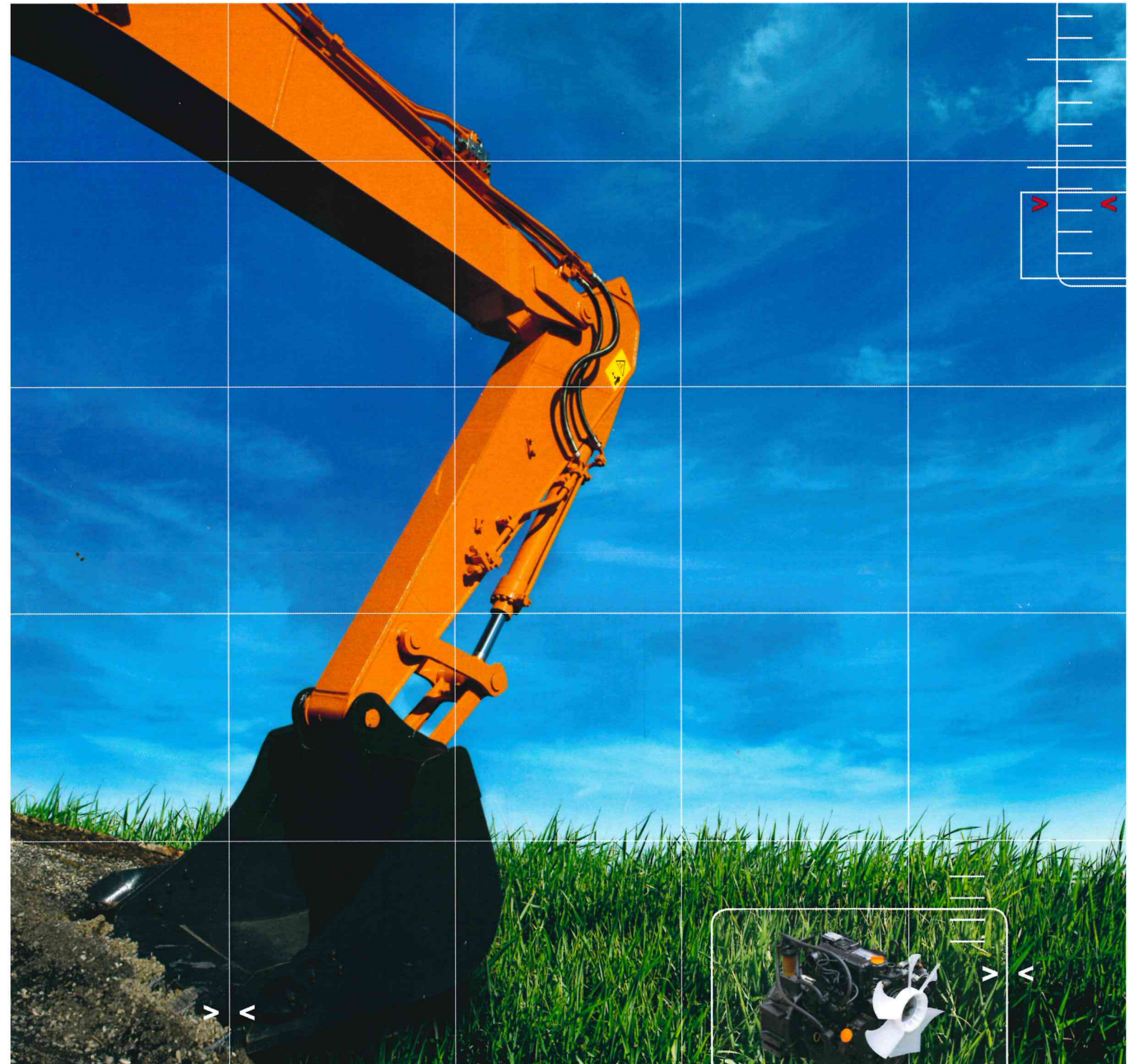


EPA FINAL TIER 4 TNM/TNV series < 19 kW



Call for Yanmar solutions



EPA Final Tier 4 Compliant DIESEL ENGINE

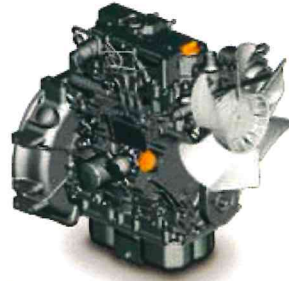
Yanmar's new engines comply with the latest emissions regulations through our original advanced diesel engine technologies and by drawing on our 100 years of experience.



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 ^{*1}	kW/min ⁻¹ (hp/min ⁻¹)	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 ^{*2}	mm	450	504	523	588
Width ^{*2}	mm	416	427	427	577
Height ^{*2}	mm	506	506	532	697
Dry Weight ^{*2}	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