



MADE in the USA

479.366.3623

Choices for today and beyond

TF74	or	TF74 FT4	74 @ 2400
TF80	or	TF85 FT4	80 @ 2400
TF99	or	TF99 FT4	99 @ 2400
TF115	or	TF115 FT4	115 @ 2400
TF125	or	TF125 FT4	125 @ 2400
TF140	or	TF140 FT4	140 @ 2400
TF155	or	TF155 FT4	155 @ 2400
TF173	or	TF173 FT4	173 @ 2400
TF185	or	TF185 FT4	185 @ 2400
TF200	or	TF200 FT4	200 @ 2400
TF225	or	TF225 FT4	225 @ 2400
TF250	or	TF250 FT4	250 @ 2400
TF275	or	TF275 FT4	275 @ 2400
TF300	or	TF300 FT4	300 @ 2200
TF325	or	TF325 FT4	325 @ 2200
TF350			350 @ 2400
TF375			375 @ 2200
TF400			400 @ 2100
TF450	or	TF425 FT4	425 @ 2100
TF500			500 @ 2200
TF550			550 @ 2100
TF600	or	TF600 FT4	600 @ 2100



JOHN DEERE

Quality Does Matter!



Irrigation Equipment

MODEL: TF74



Customized to Your Needs!



PowerTech M diesel engine provides reliability, durability and fuel economy.



PowerTech M engines have 2 valve heads, fixed geometry turbochargers, and mechanical fuel systems. Power Tech M engines are perfect for less demanding applications. Their mechanical controls are simple to operate and maintain.

Designed and Assembled in the USA

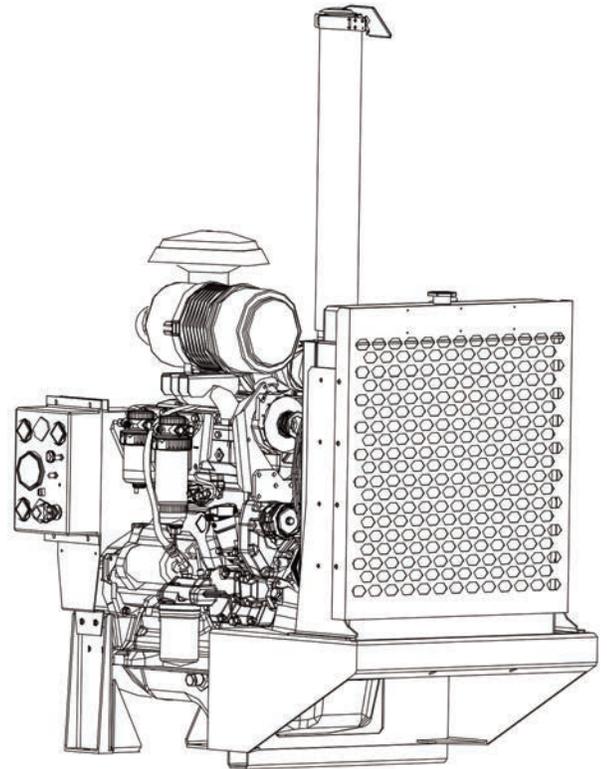


Standard equipment includes:

Unit mounted cooling system with core and fan guards, 2 stage air cleaner, FW Murphy mechanical panel with throttle cable, exhaust stack with rain cap and with standard shut downs.

Available as pedestal or skid mounted with open , canopy or enclosed configurations.

Two year/2000 hour standard engine warranty.



Engine Performance Data

Engine Speed (rpm)	2400	2200	2000	1800	1700	1600	1400	1200	1000
Power (hp)	75	75	72	67	65	61	52	43	35
Torque (lb-ft)	164	180	190	195	200	199	195	190	185
BSFC (lb/hp-hr)	0.436	0.410	0.401	0.400	0.398	0.395	0.390	0.391	0.400
Fuel (gph)	4.6	4.3	4.1	3.8	3.6	3.4	2.9	2.4	1.9



Irrigation Equipment

MODEL: TF99



Customized to Your Needs!



PowerTech E diesel engine provides reliability, durability and fuel economy.

PowerTech E engines are equipped with a high-pressure common rail (HPCR) fuel system, a two-valve cylinder head, and integrated electronic controls. The HPCR fuel system improves combustion by increasing the fuel pressure.

Designed and Assembled in the USA

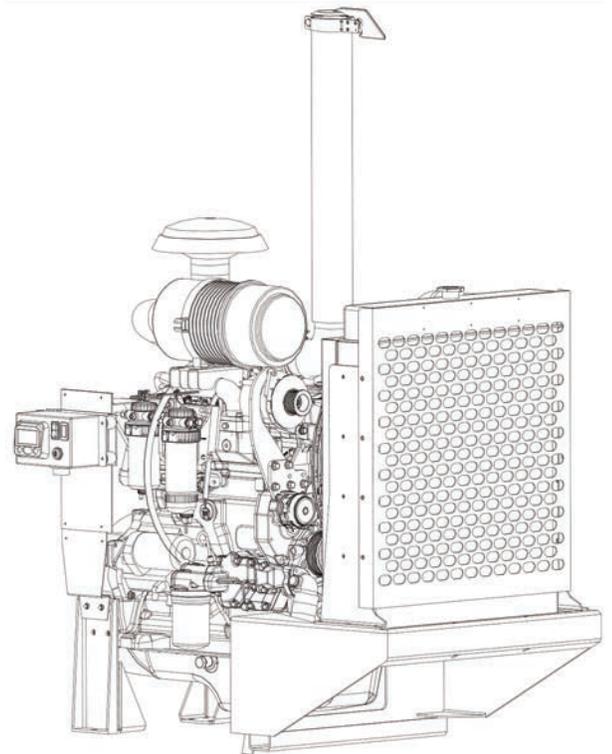


Standard equipment includes:

Unit mounted cooling system with core and fan guards, 2 stage air cleaner, John Deere basic PowerView panel, exhaust stack with rain cap and engine mounted ECU with standard de-rates and shut downs.

Available as pedestal or skid mounted with open , canopy or enclosed configurations.

Two year/2000 hour standard engine warranty.



Engine Performance Data

Engine Speed (rpm)	2400	2200	2000	1800	1600	1400	1200	1000
Power (hp)	99	99	93	87	79	69	59	48
Torque (lb-ft)	217	237	244	253	261	259	258	250
BSFC (lb/hp-hr)	0.418	0.411	0.405	0.399	0.392	0.378	0.379	0.370
Fuel (gph)	5.8	5.7	5.3	4.9	4.4	3.7	3.1	2.5



Your One-Stop Shop

Replacement parts available

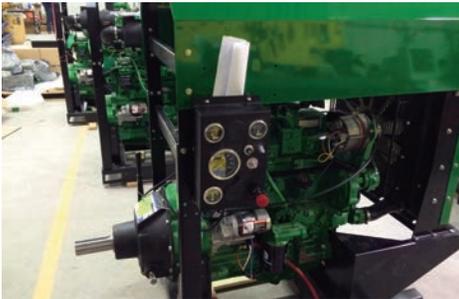


Available Options for all Engines

- Skid
- Canopy with Skid
- Single Axle Trailer
- Belly-Mount Generator (10-12-15 20KW)
- Battery Rack with Cables
- PTO
- PTO with Hub
- Oil Shut-down
- Water Shut-down
- Single-Point Lift
- Industrial Silencer



Quantity discounts available. We register Flexed Engines, no paper work required.



The "Flex Engine Program" allows the use of TIER 3 flex engines in place of FINAL TIER 4 engines if they are used in a mobile or portable application. Installing/operating a Tier 3 flex engine in a stationary application is in violation of the Code of Federal Regulations; stationary applications require a Final Tier 4 level certified engine. An exception to this regulation is if the engine is used in an emergency application which would then require an "Emergency Stationary" label. A stand-by generator would be considered an emergency application.

Types of Applications Specific to the Irrigation Market

STATIONARY: The engine is installed at one location and/or is used seasonally in one location, the engine would be considered stationary by the EPA regulations. The engine being mounted on a trailer or being moved into a storage shed during the "off season" does not make the engine portable by the EPA definition. The type of usage determines the application.

MOBILE or PORTABLE: A mobile engine is mounted in a piece of equipment and supplies power to move the piece of equipment, a linear pivot system would classify in this category. An example of a portable engine would be one with a pump unit that is moved among multiple locations for multiple irrigation systems. Again, the type of usage determines the application and simply mounted on a trailer does not meet the definition of portable.