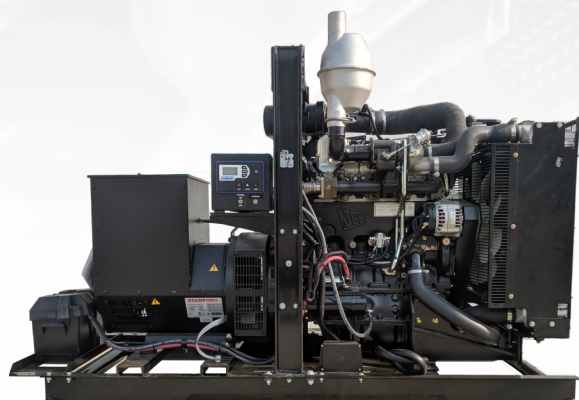




WQ50T4 Diesel Generator Set



WQ50T4 Open Skid Model



WQ50T4-ENCL Enclosed Model

Available in Open Skid and Enclosed Models

STANDARD FEATURES:

- JCB Liquid Cooled Engine (*NO Urea/DEF; NO Shutdowns for regen; No Exhaust After-Treatment*)
- Stamford Generator with Automatic Voltage Regulator—CSA approved
- Heavy duty steel skid base with anti-vibration isolation
- Digital generator controller with user friendly display and auto start/stop functionality
- Electronic governing— excellent frequency and load pick-up
- Central lifting point
- Safety shutdown protection (low oil pressure/high coolant temp/over & under speed/crankcase pressure)
- Operator Manuals
- **Serviced and 100% Load Tested**

Voltage	Frequency	P.F.	Amps	Prime Output (kW/kVA)	Standby Output (kW/kVA)
120/240 - 1PH	50/60Hz	1.0	187	45/45	48/48
120/208 - 3PH	50/60Hz	0.8	155	45/56	48/60
277/480 - 3PH	50/60Hz	0.8	67	45/56	48/60
347/600 - 3PH	50/60Hz	0.8	54	45/56	48/60



DESIGNED AND MANUFACTURED BY WESTQUIP DIESEL SALES

EDMONTON 780.960.5560 CALGARY 403.261.0601 VANCOUVER 778.705.0743

www.westquip.ca





WQ50T4 Diesel Generator Set

ENGINE SPECIFICATIONS:

- JCB 4.4L Stage IIIB / **Tier 4 Final** Liquid Cooled Diesel
- 74Hp @ 1800 RPM; 74HP @ 1500 RPM
- 12V electrics
- Electric and self priming fuel lift pump
- Variable Geometry Turbocharger
- Exhaust Gas Recirculation
- **500 hour oil change interval**
- In-line 4 cylinder, 4 Stroke
- Displacement: 4.4L
- Glow plug cold starting aid
- +/- 0.25% Electronic engine control
- No Exhaust After Treatment - *No DOC or DPF*
- Fan, belt, and core guards
- High pressure common rail and direct injection

GENERATOR SPECIFICATIONS:

- Stamford Generator
- Single Bearing, Brushless
- Automatic Voltage Regulator (AVR Controlled)
- +/- 1% Voltage Regulation
- IP23 Enclosure Protection
- Class H Insulation
- 1 Year Warranty
- UL/CSA Approved

GENERATOR CONTROL PANEL FEATURES:

• DISPLAYS:

Engine Hours, Oil Pressure, Coolant Temperature
Battery Voltage, AC Voltage, Hz Frequency,
Fuel Level, Engine RPM

• PROTECTION SAFETY SHUTDOWN & WARNINGS:

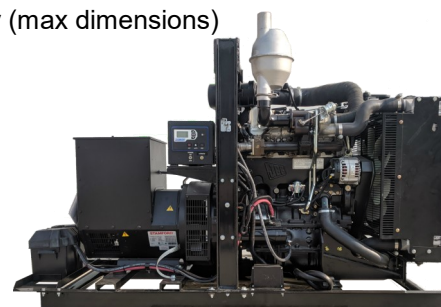
- ⇒ Low Oil Pressure & Low Oil Level
- ⇒ Under/Over AC Voltage
- ⇒ Under/Over Battery Voltage
- Auto Start / Stop with AUX contacts
- Programmable Exerciser
- ⇒ High Coolant Temperature
- ⇒ Under/Over Engine Speed
- ⇒ Low Fuel Level
- AC Current (Amp) Metering Display (*optional*)
- Remote telematics monitoring system (*optional*)



DIMENSIONS OPEN SKID: (APPROX)

Standard Package Dimensions including lift bail assembly and battery tray (max dimensions)

- **Length:** 83.25" / 2114mm (77" / 1956mm without battery)
- **Width:** 30.5" / 774mm
- **Height:** 55" / 1397mm (top of muffler)
- **Weight:** 2500lb / 1134kg (2345lb / 1064kg without battery)



DESIGNED AND MANUFACTURED BY WESTQUIP DIESEL SALES

EDMONTON 780.960.5560 CALGARY 403.261.0601 VANCOUVER 778.705.0743

www.westquip.ca





WQ50T4 Diesel Generator Set



WQ50-ENCL was designed with single side service. Hinged left hand side door accesses filters.

A removable access panel on right hand side allows service and space savings when installing the generator where space is restricted.



ENCLOSURE SPECIFICATIONS:

- Powder coated weather-proof enclosure
- Rain proof air intake ducts
- Stainless steel door handles and hinges
- Gasket lined doors
- Lockable doors
- Rust-proof fasteners with nylon washer
- Optional air discharge hood (plenum)
- Optional custom color

FUEL SYSTEM:

- Single wall steel fuel tank
- Capacity: 312L / 68 IMP Gal
- Vented fill cap
- Fuel Level Gauge (displayed on panel)

FUEL CONSUMPTION:

- 100% Load—12.4L/hr
- 75% Load—9.8L/hr
- 50% Load—7.2L/hr
- 25% Load—3.8L/hr

ENCLOSED GENERATOR SET DIMENSION AND WEIGHT:

Generator (Skid Unit)

- Dimensions (LxWxH) 89" x 36.5" x 69"H (2260mm x 953mm x 1752mm) Height: top of muffler
- Dry Weight: 3350lb (1519kg) Wet Weight: 3894lb (1766kg)

Mobile Generator (includes standard Tandem Axle Trailer Package)

- Dimensions (LxWxH): 137" x 69" x 89" (3480mm x 1752mm x 2260mm)
- Dry Weight: 4600lb (2086kg) Wet Weight: 5144lb (2333kg)

SOUND LEVEL

Standard Enclosure

- No Load, @ 7m (23ft) - 78 dB(A)
- Full Load, @ 7m (23ft) - 79 dB(A)

Enclosure with Air Discharge Plenum (optional)

- No Load, @ 7m (23ft) - 74 dB(A)
- Full Load, @ 7m (23ft) - 75 dB(A)



DESIGNED AND MANUFACTURED BY WESTQUIP DIESEL SALES

EDMONTON 780.960.5560 CALGARY 403.261.0601 VANCOUVER 778.705.0743

www.westquip.ca



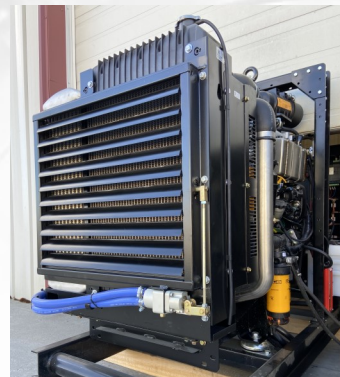


WQ50T4 Diesel Generator Set

OPTIONAL ACCESSORIES:

ENGINE SYSTEM

- Engine coolant heater—120V
- Battery charger—120V
- Battery blanket—120V
- Battery disconnect lockout switch
- Thermostatic radiator shutter kit
- Diesel-fired engine coolant heater (hydronic)
- Positive Air Safety Shutoff Valve
- Sub-base fuel tank - 385L/85gal (71.5" x 30.5" x 14")



AC ELECTRICAL SYSTEM

- Main Circuit Breaker (120/240V 1PH; 120/208V 3PH; 277/480V 3PH; 347/600V 3PH)
- Electrical Distribution Panel- customized build; full load center; Square D components
- AC Amperage metering package. Will display AC Amperage on upgraded genset control panel.



PARALLELING LOAD MANAGEMENT SYSTEM

- Available with paralleling genset control package
- Synchronize multiple genset to increase your power output
- Load Management will increase fuel efficiency and create redundancy
- Parallel generators will automatically turn on and off to manage load requirements.



DESIGNED AND MANUFACTURED BY WESTQUIP DIESEL SALES

EDMONTON 780.960.5560 CALGARY 403.261.0601 VANCOUVER 778.705.0743

www.westquip.ca





WQ50T4 Diesel Generator Set

OPTIONAL ACCESSORIES:

ENCLOSURE

- Winter front- Radiator cold weather winter cover. Fits standard enclosure model.
- Air Discharge Plenum- Reduce DB(A) noise level with addition of an air discharge plenum. Reduction of up to 8-10dBA at air discharge (measured at 1m).



TRAILER

- Tandem axle Transport Canada/DOT approved trailer
- 15" ST205/75R15 Tires
- 3500lb torsion axles
- Front leveling jack
- 3" Pintle eye coupler or 2-5/16" ball coupler
- Safety chains



DESIGNED AND MANUFACTURED BY WESTQUIP DIESEL SALES

EDMONTON 780.960.5560 CALGARY 403.261.0601 VANCOUVER 778.705.0743

www.westquip.ca





WQ50T4 Diesel Generator Set

WARRANTY: all models are covered by a comprehensive limited warranty

- Package: 1 Year / Unlimited Hours
- JCB Engine: Major components - 2 year unlimited hours, All other components - 1 year unlimited hours
- Stamford Generator: 1 Year / Unlimited hours



DESIGNED AND MANUFACTURED BY WESTQUIP DIESEL SALES

EDMONTON 780.960.5560 CALGARY 403.261.0601 VANCOUVER 778.705.0743

www.westquip.ca

