



**WACKER
NEUSON**
all it takes!

G50

Mobile Generators



Durable mobile generator offers reliable power

The G50 mobile generator offers the perfect power solution where single and three phase power are needed for construction commercial, industrial and special event applications. The sound-attenuated generator provide quiet operation and large fuel tank offers long run times, making it a flexible and reliable choice. A digital controller monitors and protects the generator and engine while providing continuous operating data on an easy to read LCD display.

- Ideally suited for construction sites where durability, reliability and flexibility are required to supply continuous power for applications such as lighting, cranes, concrete mixers and conveyor belts.
- Brushless, oversized alternators with separate excitation winding and AVR (Automatic Voltage Regulation) provide superior motor starting and enhanced ability to run non-linear loads.
- Single switch start and simple, uncluttered control panel provide unmatched ease of use.
- Automatic remote start capability standard which is ideal for temporary standby applications.
- Factory-installed customized options are available. These include, but are not limited to, a fluid containment system, cold weather options, a camlock panel, etc. Also available are optional trailers that are fully equipped and highway ready.



Technical specifications

	G50 (T4i)	G50 (T4F)	G50 (T4i) 600V- Canada Only
Dimensions			
L x W x H Operating (Skid) in	96.25 x 38 x 53	96.25 x 38 x 53	96.2 x 38 x 53
L x W x H Shipping (Skid) in	100 x 40.5 x 65.1	100 x 40.5 x 65.1	100 x 40.5 x 65.1
L x W x H Shipping/Operating (Trailer) in	160 x 67.5 x 80	160 x 67.5 x 80	160 x 67.5 x 80
Weights			
Weight Dry (Skid) lb	3,178	2,783	3,178
Weight Operating (Skid) lb	3,783	3,388	3,783
Weight Shipping (Skid) lb	3,334	2,939	3,334
Weight Operating (Trailer) lb	4,663	4,268	4,663
Weight Shipping (Trailer) lb	4,058.2	3,663	4,058
Operating data			
Trailer coupling Type	Pintle	Pintle	Pintle
Standby output kW	42	42	42
Prime output kW	38	38	38
Voltage 3 Phase V	240 / 480	240 / 480	240 / 480 / 600
Current 3 Phase (Prime) A	114 / 57	114 / 57	116 / 58 / 46
Current 1 Phase (Prime) A	120 / 240	120 / 240	120 / 240
Voltage 3 Phase V	208, 220, 240, 416, 440, 480	208, 220, 240, 416, 440, 480	208, 220, 240, 416, 440, 480, 600
Voltage 1 Phase V	120, 127, 139, 240, 254, 277	120, 127, 139, 240, 254, 277	120, 127, 139, 240, 254, 277, 346
Circuit breaker (Main) A	175	175	175
Frequency Hz	60	60	60
Power factor 1 Phase cos Φ 1~	1	1	1
Power factor 3 Phase cos Φ 3~	0.8	0.8	0.8
Sound level (LwA) at Prime (23 ft / 7 m) dB(A)	67.2	67.7	67.2
Receptacles -20 Amp GFI Duplex	2	2	2
Receptacles -50 Amp Twist Lock	3	3	3
Engine / Motor			
Engine / Motor	Liquid-Cooled, 4 Cylinder	Liquid-Cooled, 4 Cylinder	Liquid-Cooled, 4 Cylinder
Engine / Motor manufacturer	John Deere	Isuzu	John Deere
Emissions Certified	Tier 4i	Tier IV	Tier 4i



	G50 (T4i)	G50 (T4F)	G50 (T4i) 600V- Canada Only
Displacement in ³	275	133	275
Operating performance SAE J1349 hp		66	
Operating performance SAE J1995, ISO 8528-1 hp	74		74
at rpm rpm	1,800	1,800	1,800
Coolant Capacity US qt	20	16	20
Engine oil Capacity US qt	15.9	11	15.9
Fuel type	Diesel	#1/#2 ULSD	Diesel
Fuel consumption (Prime Load) US gal/h	3.4	3	3.4
Tank capacity -Fuel US gal	84	84	84
Quantity (Battery)	1	1	1
Battery V	12	12	12
Generator model	Mecc Alte, Brushless w/AVR	Mecc Alte, Brushless w/AVR	Mecc Alte, Brushless w/AVR
Voltage control No Load to Full Load +/- %	1	1	1
Voltage control Steady State +/- %	0.2	0.2	0.2
Generator insulation (class)	H	H	H
Frequency (Generator Speed) Hz	60	60	60
Runtime at 100% Prime Load h	21.6	24.3	21.6
Runtime at 75% Prime Load h	27.2		27.2
Runtime at 50% Prime Load h	38.4		38.4
Runtime at 25% Prime Load h	64.5		64.5

Please note

that product availability can vary from country to country. It is possible that information / products may not be available in your country. More detailed information on engine power can be found in the operator's manual; the stated power may vary due to specific operating conditions.

Subject to alterations and errors excepted. Applicable also to illustrations.

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