



## G 180

Mobile Generators



### Durable, reliable power for all applications

The G 180 mobile generator provides all the power needed for larger applications. The durable sound-attenuated generator is an excellent choice for larger applications where quiet mobile, prime power is needed. Used for construction, commercial, industrial, special event and emergency management applications. The T4i model is especially suited for areas requiring BAT (Best Available Technology) to meet the most stringent EPA, CARB air standards. A digital controller monitors and protects the generator and engine while providing continuous operating data on an easy to read LCD display. Large fuel tank provides convenient, long run times.

- Brushless oversized alternators and 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.
- Easy voltage selection using a lockable voltage selector switch reduces connection errors.
- Standard environmentally friendly "green" features include 115% fluid containment, crankcase oil vapor recovery system, no mess oil and radiator drain hoses/valves and fast fuel fill system (50 gpm).
- Heavy-duty, tandem-axle trailers with aluminum diamond plate fenders are road ready with DOT lighting, chains, height adjustable coupler, choice of surge or electric brakes.



## Technical specifications

	<b>G 180 (T3)</b>	<b>G 180 (T4i)</b>	<b>G 180 (T4F)</b>
<b>Dimensions</b>			
L x W x H Operating (Skid) in	132 x 52 x 68	132 x 52 x 70.5	132 x 52 x 72.5
L x W x H Shipping (Skid) in	135.5 x 54.5 x 81.5	135.5 x 54.5 x 84	135.5 x 54.5 x 86
L x W x H Shipping/Operating (Trailer) in	199 x 84.5 x 99	199 x 84.5 x 100.5	199 x 84.5 x 102.5
<b>Weights</b>			
Weight Dry (Skid) lb	6,213	6,154	6,754
Weight Operating (Skid) lb	8,313	8,254	9,234
Weight Shipping (Skid) lb	6,580	6,521	7,121
Weight Operating (Trailer) lb	9,793	9,734	10,714
Weight Shipping (Trailer) lb	7,693	7,634	8,234
<b>Operating data</b>			
Trailer coupling Type	Pintle	Pintle	Pintel
Standby output kW	157	157	157
Prime output kW	143	143	143
Voltage 3 Phase V	240/480	240/480	240/480
Current 3 Phase (Prime) A	430/215	430/215	430/215
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
Voltage 1 Phase V	120, 127, 139, 240, 254, 277	120, 127, 139, 240, 254, 277	120, 127, 139, 240, 254, 277
Circuit breaker (Main) A	500	500	500
Frequency Hz	60	60	60
Power factor 1 Phase cos $\Phi$ 1~	1	1	1
Power factor 3 Phase cos $\Phi$ 3~	0.8	0.8	0.8
Sound level (LwA) at Prime (23 ft / 7 m) dB(A)	69.9	71	70.5
Receptacles -20 Amp GFI Duplex	2	2	2
Receptacles -50 Amp Twist Lock	3	3	3
Receptacles -30 Amp Twist Lock	0	0	0
<b>Engine / Motor</b>			



	<b>G 180 (T3)</b>	<b>G 180 (T4i)</b>	<b>G 180 (T4F)</b>
Engine / Motor	Liquid-Cooled, 6 Cylinders	Liquid-Cooled, 6 Cylinders	Liquid-Cooled, 6 Cylinders
Engine / Motor manufacturer	John Deere	Cummins	Cummins
Emissions Certified	Tier 3	Tier 4i	Tier 4F
Displacement in <sup>3</sup>	415	409	409
Operating performance ISO 3046 hp	0	256	241
Operating performance SAE J1995, ISO 8528-1 hp	237	0	0
at rpm rpm	1,800	1,800	1,800
Coolant Capacity US qt	30.4	31	65.2
Engine oil Capacity US qt	34.3	18.5	18.5
Fuel type	Diesel	Diesel	Diesel
Fuel consumption (Prime Load) US gal/h	10.8	10.6	10.4
Tank capacity -Fuel US gal	291.7	291.7	304.4
Quantity (Battery)	1	2	2
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	25	25.4	27.3
Runtime at 75% Prime Load h	32.2	32.8	35.5
Runtime at 50% Prime Load h	44	45.3	50.7
Runtime at 25% Prime Load h	86.1	71.3	88.8



**WACKER  
NEUSON**  
*all it takes!*

**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.  
Copyright © 2016 Wacker Neuson SE.