

# G320

## Mobile Generators



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



### Ultra-clean burning, reliable performance

Utilizing the latest Cummins diesel emission technology engine, this durable, sound attenuated generator provides mobile, prime power for larger applications requiring quiet dedicated power. It is especially suited for areas requiring BAT (Best Available Technology) to meet the most stringent EPA CARB air standards. Digital controller monitors and protects the generator and the engine while providing continuous operating data on an easy to read LCD display.

- Many "green" features complement ultra-clean engines including 115% fluid containment, crankcase oil vapor recovery system, "no mess" oil and radiator drain hoses/valves and fast fuel system.
- Brushless, oversized alternators with separate excitation winding and AVR (Automatic Voltage Regulation) provide superior motor starting and an enhanced ability to run non-linear loads.
- Designed for easy operation and long run time with standard features that include an engine block heater, low coolant shutdown, low idle switch, 24-volt engine operating voltage and three sets of cam locks.
- This unit is ideal for applications needing dedicated power including large general rental, oil and gas, mining, plant shutdown and large events.

## G320 Technical specifications

	G320 (T4F)	G320 (T4i)
<b>Dimensions</b>		
L x W x H Operating (Skid) in	155 x 60 x 80	154 x 60 x 85
L x W x H Shipping (Skid) in	162 x 68 x 92	162 x 68 x 92
L x W x H Shipping/Operating (Trailer) in	228 x 96 x 105	228 x 96 x 105
<b>Weights</b>		
Weight Dry (Skid) lb	9,450	8,750
Weight Operating (Skid) lb	12,750	11,470
Weight Shipping (Skid) lb	9,817	9,250
Weight Operating (Trailer) lb	14,400	13,145
Weight Shipping (Trailer) lb	11,100	10,425
<b>Operating data</b>		
Trailer coupling Type	Pintle	Pintle
Standby output kW	269	269
Prime output kW	256	256
Voltage 3 Phase V	240/480	240/480
Current 3 Phase (Prime) A	769/384	769/384
Voltage 3 Phase V	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
Circuit breaker (Main) A	1000	1000
Frequency Hz	60	60
Power factor 1 Phase cos $\Phi$ 1~	1	1
Power factor 3 Phase cos $\Phi$ 3~	0.8	0.8
Sound level (LwA) (LwA) at Prime (23 ft / 7 m) dB(A)	80.3	78
Receptacles 20 Amp GFI Duplex	2	2
Receptacles 50 Amp Twist Lock	3	3
<b>Engine / Motor</b>		
Engine / Motor	Liquid-cooled, 6 Cylinder	Liquid-cooled, 6 Cylinder
Engine / Motor manufacturer	Cummins	Cummins
Emissions Certified	Tier 4F	Tier 4i
Displacement in <sup>3</sup>	543.1	543.1
Operating performance ISO 3046 hp	433	433
at rpm rpm	1,800	1,800
Coolant Capacity US qt	62	42
Engine oil Capacity US qt	31.7	31.7
Fuel type	#1/#2 ULSD	Diesel
Fuel consumption (Prime Load) US gal/h	19.1	19.1
Tank capacity Fuel US gal	404.3	377.7

	G320 (T4F)	G320 (T4i)
Quantity (Battery)	4	4
Battery V	24	24
Generator model	Mecc Alte, Brushless w/AVR	Mecc Alte, Brushless w/AVR
Voltage control No Load to Full Load %	1	1
Voltage control Steady State %	0.2	0.2
Generator insulation (class)	H	H
Frequency (Generator Speed) Hz	60	60
Runtime at 100% Prime Load h	19.9	18.6
Runtime at 75% Prime Load h	25.7	24.3
Runtime at 50% Prime Load h	36.9	35.6
Runtime at 25% Prime Load h	63.4	67.1
DEF Type	AUS 32	
DEF Consumption at 100% Prime Load US gal/h	0.64	
DEF Tank Capacity US gal	37.4	
Runtime at 100% Prime Load h	56	

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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