

**1.6 Technical Data**

<b>TRAILER</b>		<b>regular</b>	<b>wide body</b>	<b>8068 only</b>
Operating weight (GVWR)	lbs.	1990	2042	2137
Tongue weight (approx.)	lbs.	160		
Travel Dimensions (l x w x h)	in. (mm)	175 x 68 x 60 (4445 x 1725 x 1525)	175 x 82 x 60 (4445 x 2083 x 1525)	
Trailer length	in. (mm)	108 (2745)		
Height - mast extended	ft. (m)	30 (9.14)		
Lighting system (1000W metal halide lamps)		4		6
Ballast		Coil and core		
Max. lighting coverage @ 0.5 ft. candles	acres (m <sup>2</sup> )	5-7 (20,000-28,000)		10.5 (42,000)
Tires	size	P205 / 75R15		
<b>GENERATOR</b>		<b>50 Hz</b>	<b>60 Hz</b>	
Frequency	Hz	50 ± 2	60 ± 2	
Continuous output	kW	6.0	6.0	8.0
Output	V	220	120 / 240	
Amps	A	27	50 / 25	
Excitation type		Brushless		
Power factor	∅	1.0	1.0	
Voltage regulation - No load to full load	%	± 5.0		
Speed (no-load)	rpm	1500	1800	
<b>ENGINE</b>		<b>Kubota</b>	<b>Isuzu</b>	
Model		D905EBG-2	3LB1-PV04	
Type		3-cylinder, 4-cycle, liquid cooled diesel		
Min / max power rating	Hp	10.5 / 11.9	14.5 / 16.1	
Operating speed (no-load)	rpm	1850	1850 @ 60Hz	1550 @ 50Hz
Alternator	V / A / W	12 / 30 / 360	12 / 20 / 240	
Battery	V/Ah/CCA	12 / 65 / 550		
Air cleaner	type	dry-type element		
Fuel	type	No. 2 diesel		
Fuel tank capacity	gal. (l)	21 (79.5)	21 (79.5)	
Fuel consumption	gal. (l) / hr.	0.5 (1.9)	0.5 (1.9)	
Coolant capacity	qts. (l)	5.0 (4.73)	5.0 (4.73)	
Oil capacity	qts. (l)	5.4 (5.1)	4.8 (4.5)	
Oil weight	SAE	10W40 or 10W30 API CC, CD or CE		

## 3.2 Generator

Item Number:		LTC 4L - 60 Hz 0009311, 0009375 0620018, 0620019	LTC 4L - 50 Hz 0009377
<b>Generator</b>			
Frequency	Hz	60 ± 2	50 ± 2
Continuous output	kW	6.0	5.0
Output	volts/phase	120 / 240, 1Ø	115 / 230, 1Ø
Amps	A	50 / 25	43.5 / 21.7
Excitation type		Capacitor / Brushless	
Power factor		1.0	
Voltage regulation - No load to full load	%	± 5.0	
Speed (no-load)	rpm	1850	1550

3.3 Machine

Item Number:	LTC 4L 0009311	LTC 4L 0009375 0009377 0620018 0620019	LTC 4C 0009376 0009378	LTC 4C 0620017	LTC 4C 0620028
<b>Machine</b>					
Operating weight (GVWR)	kg (lbs.)	818 (1804)	825 (1820)	827 (1824)	832 (1834)
Travel Dimensions (l x w x h)	cm (in.)	441 x 163 x 160 (173 x 64 x 63)			
Trailer length	cm (in.)	335 (132)			
Height - mast extended	m (ft.)	9 (30)			
Lighting system (1000W)		4			
Ballast		Coil and core			
Max. lighting coverage @ 0.5 ft. candles	m <sup>2</sup> (acres)	Metal Halide - 30,400 (7) High Pressure Sodium - 39,000 (9)			
Sound level at 7 m (23 ft.)	dB(A)	71	72	71	
Tires	size	ST175 / 80D13			