



Light Towers - Wide Body

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Wide body light towers offer exceptional lighting and power

The LTW series of wide-body light towers combine superior job site lighting with various power options up to 20kW in a rugged, heavy duty steel frame. Wide track width, independent torsion axles and a heavy duty tongue and hitch assembly ensure reliable off-road towing. The 30-foot adjustable tower rotates 360-degrees for optimum lighting flexibility. Equipped with large fuel tanks and simple engine controllers, these units are ideal for illuminating and powering remote and/or long run applications such as mining, security and disaster as well as general job sites.

- Elliptical light fixtures offer excellent job site illumination that is diffused and more uniform without the harsh spotlight effect of standard light fixtures.
- Lockable, heavy-gauge steel doors are full length providing maximum accessibility for easy service. Heavy-gauge steel skid provides full protection from ground debris.
- Four-point jack stands for easy leveling, stability on uneven terrain and superior wind stability.
- Mast-mounted base winch can be cranked while the operator is standing (eliminates bending) for improved ergonomics and easy operation.
- Fully equipped highway ready trailer offers a 3-inch pintle hitch, 15-inch tires, four tie downs, DOT lighting, VIN number and chains.



Technical specifications

	LTW 6K	LTW 8K	LTW 20Z1 (T4i)	LTW 20Z3 (T4i)	LTW 20Z1 (T4F)
Operating data					
L x W x H in	177 x 75.5 x 74.5	177 x 75.5 x 74.5	177 x 75.5 x 74.5	177 x 75.5 x 74.5	177 x 75.5 x 74.5
Operating weight lb	2,724	2,764	3,179	3,179	3,290
Shipping weight lb	2,314	2,354	2,769	2,769	2,880
Illumination coverage at 5 fc (54 lux) ft ²	12,960	12,960	12,960	12,960	12,960
Lamp type	Metal Halide	Metal Halide	Metal Halide	Metal Halide	Metal Halide
Mast height ft	30	30	30	30	30
Sound level (LwA) at 23 ft (7 m) dB(A)	64.3	67.3	71.2	71.2	69.2
Power kW	6	8	20	20	18.6
Frequency Hz	60	60	60	60	60
Voltage V	120/240	120/240	120/240	120/208	120 / 240
Power factor cos Φ 1~	1	1	1	1	1
Power factor cos Φ 3~	0	0	0	0.8	0
Engine / Motor					
Generator model	Brushless w/capacitor	Brushless w/capacitor	Brushless w/AVR	Brushless w/AVR	Brushless w/AVR
Generator insulation (class)	H	H	H	H	H
Idle to full load %	10	10	1.5	1	1
Voltage control %	6	6	1	0.5	0.5
Engine / Motor manufacturer	Kubota	Kubota	Isuzu	Isuzu	Isuzu
Engine / Motor type	Liquid-cooled 3-cylinder	Liquid-cooled 3-cylinder	Liquid-cooled 4-cylinder	Liquid-cooled 4-cylinder	Liquid-cooled 4-cylinder
Fuel type	Diesel #2 - ULSD	Diesel #2 - ULSD	Diesel #2 - ULSD	Diesel #2 - ULSD	Diesel #2 - ULSD
Displacement in ³	61.1	68.5	133	133	133
Operating performance hp	13.1	15.4	34.3	34.3	40
at rpm rpm	1,800	1,800	1,800	1,800	1,800
Rated performance	ISO 3,046 IFN	ISO 3,046 IFN	SAE J1349 NET (w/o Fan)	SAE J1349 NET (w/o Fan)	SAE J1349 NET (w/o Fan)



	LTW 6K	LTW 8K	LTW 2021 (T4i)	LTW 2023 (T4i)	LTW 2021 (T4F)
Tank capacity Oil US qt	5.4	5.4	8.5	8.5	11
Tank capacity Fuel US gal	57	57	57	57	57
Fuel consumption Prime Load US gal/h	0.68	0.79	1.58	1.58	1.58
Runtime Prime Load h	80.5	69.8	34.8	34.8	34.8

LTW 2023 (T4F)

Operating data

L x W x H	177 x 75.5 x 74.5 in
Operating weight	3,290 lb
Shipping weight	2,880 lb
Illumination coverage at 5 fc (54 lux)	12,960 ft ²
Lamp type	Metal Halide
Mast height	30 ft
Sound level (LwA) at 23 ft (7 m)	71.2 dB(A)
Power	19.5 kW
Frequency	60 Hz
Voltage	120 V
Power factor	1 cos Φ 1~
Power factor	0.8 cos Φ 3~

Engine / Motor

Generator model	Brushless w/AVR
Generator insulation (class)	H
Idle to full load	1 %
Voltage control	0.5 %
Engine / Motor manufacturer	Isuzu
Engine / Motor type	Liquid-cooled 4-cylinder
Fuel type	Diesel #2 - ULSD
Displacement	133 in ³
Operating performance	40 hp
at rpm	1,800 rpm



Rated performance	SAE J1349 NET (w/o FAN)
Tank capacity Fuel	57 US qt
Tank capacity Oil	11 US gal
Fuel consumption Prime Load	1.58 US gal/h
Runtime Prime Load	34.8 h

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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