



Light Towers - Wide Body, Vertical Mast (Premium)

Light Towers



Exceptional lighting and easy operation

The trailer mounted vertical mast light towers feature a nine section mast providing less set up time and easier operation. The light bar design creates greater flexibility in directing the four metal halide light fixtures for greater light coverage on the jobsite. The wide body design still features the same great internal components, such as reliable engine options, long run fuel tank, and DOT trailer lights.

- Hydraulically operated tower extends in 20 seconds increasing ease of operation and uptime.
- Range of motion of light fixtures allows the user to aim the lights vertically or horizontally without blocking each other. Easily adjustable light fixtures equipped with a lockable T-handle, heat shield, and light aiming handle provides protection from the heat of the lamps.
- Large capacity fuel tank allows for up to 55 hours of continuous lighting/run time.
- Multiple power outlets for both 120V and 120/240V ensure maximum power convenience on the job site. On 3-phase model, a 60A 120/208V, 3-phase receptacle is also available.
- Control panel features an electronic engine controller, main circuit breaker, individual light breakers and hour meter. Additional factory-installed options provide added versatility for unique applications.



Technical specifications

	LTW 6K-V	LTW 8K-V	LTW 20Z1-V	LTW 20Z3-V
Operating data				
L x W x H in	129.4 x 75.5 x 92.3	129.4 x 75.5 x 92.3	129.4 x 75.5 x 92.3	129.4 x 75.5 x 92.3
Operating weight lb	3,043	3,083	3,498	3,498
Shipping weight lb	2,633	2,673	3,088	3,088
Illumination coverage ft ²	12,960	12,960	12,960	12,960
Lamp type	Metal Halide	Metal Halide	Metal Halide	Metal Halide
Mast height ft	27.8	27.8	27.8	27.8
Sound level (LwA) dB(A)	64.3	67.3	71.2	71.2
Power kW	6	8	18.6	19.5
Frequency Hz	60	60	60	60
Voltage V	120 / 240	120 / 240	120 / 240	120 / 208
Power factor cos Φ 1~	1	1	1	1
Power factor cos Φ 3~				0.8
Engine / Motor				
Generator model	Brushless w/ capacitor	Brushless w/ capacitor	Brushless w/ AVR	Brushless w/ AVR
Generator insulation (class)	H	H	H	H
Idle to full load No Load to Full Load %	10	10	1.5	1
Voltage control Steady State %	6	6	1	0.5
Engine / Motor manufacturer	KUBOTA	KUBOTA	ISUZU	ISUZU
Engine / Motor type	3 Cylinder, Liquid-Cooled	3 Cylinder, Liquid-Cooled	4 Cylinder, Liquid-Cooled	4 Cylinder, Liquid-Cooled
Fuel type	Diesel #2 - ULSD	Diesel #2 - ULSD	Diesel #2 - ULSD	Diesel #2 - ULSD
Displacement in ³	61.1	68.5	133	133
Operating performance hp	13.1	15.4	34.3	34.3
at rpm rpm	1,800	1,800	1,800	1,800
Rated performance	ISO 3046 IFN	ISO 3046 IFN	SAE J1349 NET	SAE J1349 NET
Tank capacity Oil US qt	5.4	5.4	8.5	8.5
Tank capacity Fuel US gal	57	57	57	57
Fuel consumption Prime Load US gal/h	0.68	0.79	1.58	1.58
Runtime Prime Load h	80.5	69.8	34.8	34.8



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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.

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