



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 | LTW 20Z3 |
|--------------------------------------------------------|----------------------------------------|----------------------------------------|----------------------------------------|----------------------------------------|
| Operating data | | | | |
| Illumination coverage at 5 fc (54 lux) ft ² | 12,960 | 12,960 | 12,960 | 12,960 |
| Lamp type | Metal Halide | Metal Halide | Metal Halide | Metal Halide |
| Mast height ft | 30 | 30 | 30 | 30 |
| 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 |
| Sound level (LwA) at 23 ft (7 m) dB(A) | 64.3 | 67.3 | 71.2 | 71.2 |
| Power kW | 6 | 8 | 20 | 20 |
| 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 | 0 | 0 | 0.8 |
| Voltage control % | 6 | 6 | 1 | 0.5 |
| Idle to full load % | 10 | 10 | 1.5 | 1 |
| Engine / Motor | | | | |
| Generator insulation (class) | H | H | H | H |
| RPM / speed rpm | 1,800 | 1,800 | 1,800 | 1,800 |
| Generator model | Brushless w/capacitor | Brushless w/capacitor | Brushless w/AVR | Brushless w/AVR |
| Engine / Motor type | Liquid-cooled 3-cylinder diesel engine | Liquid-cooled 3-cylinder diesel engine | Liquid-cooled 4-cylinder diesel engine | Liquid-cooled 4-cylinder diesel engine |
| Engine / Motor manufacturer | Kubota | Kubota | Isuzu | Isuzu |
| 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 3,046 IFN | ISO 3,046 IFN | SAE J1349 NET (w/o Fan) | SAE J1349 NET (w/o Fan) |
| Tank capacity US gal | 57 | 57 | 57 | 57 |
| Fuel consumption US gal/h | 0.68 | 0.79 | 1.58 | 1.58 |



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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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