



BRILLIANT

See the light.



# MLTCAM — MOBILE TOWER

The Modular Light Tower Camera (MLTCAM) is a towable, mobile trailer with telescopic mast assembly. This unit best supports equipment that

require vertical orientation and operation, and can be attached to the mast's T-bar section.

Applications for this unit commonly support security and surveillance operations.

## MLTCAM FEATURES

- DOT Certified trailer
- Three section telescopic mast assembly
- (2) 1,500 lb. mechanical winches
- Captive mast locking pins
- Torsion spring axle design
- (4) support jack stands
- 45 MPH wind limits (outriggers deployed)
- Mast Operations - 360 degree rotation

On-site setup of  
a mobile security  
surveillance  
system employed  
on a MLTCAM.



Thermal imaging camera

Radar

Dome Camera

Radar

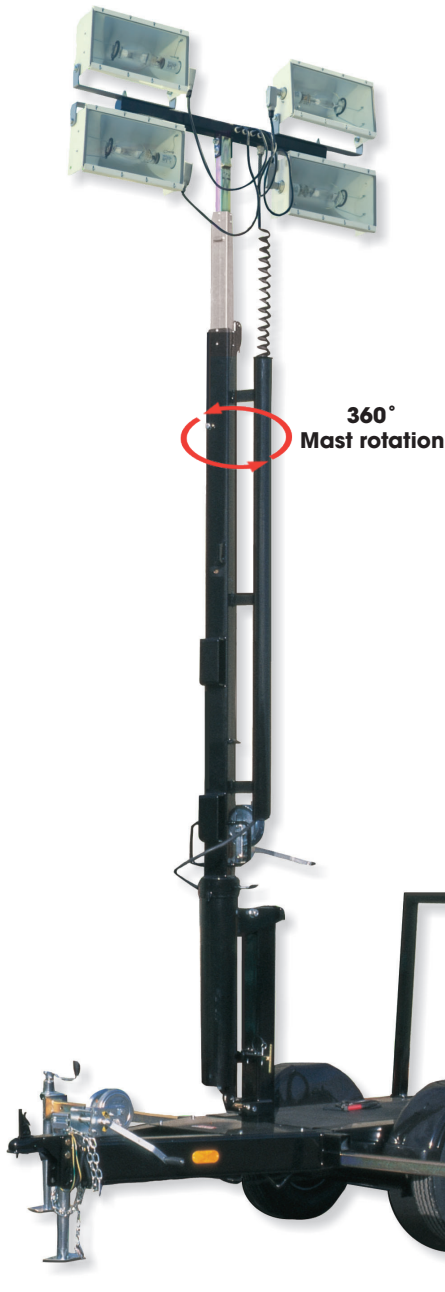




# MLT — MOBILE LIGHT TOWER

The MLT (Modular Light Tower) provides an extremely flexible mobile platform to provide job-site lighting; plus, allows for included support generators and generator-welders to permit self-sustaining operations. The MLT provides four 1000W Metal Halide lamps, telescopic mast assembly, 30 gallon

fuel tank, mounted on a DOT certified trailer. This unit has the electrical plumbing necessary to tie into an electrical power source for lighting operations. Once a generator or generator-welder is added to the frame, the unit can now be operated in remote environments and provide additional electrical support.

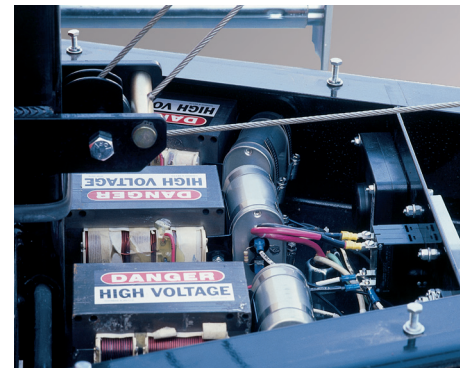


## MLT FEATURES

- Lamps - (4) 1000W Metal Halide
- Lumen Output - 440,000
- Lamp Connections - 3-pin quick disconnect
- Lamp Design - heavy steel/aluminum construction with heat sink
- Mast Design - telescoping (30') w/zinc dichromate plating
- Mast Operations - 360° rotation w/locking pin
- Light Tower Design - provides platform for generator placement
- Light Tower Electrical Design - NEC/NEMA certified L14-30P plug
- Trailer Design - DOT certified - wind stability 45 MPH w/o generator
- Mast Design - collection tube for greater coil cord protection
- Trailer Design - ballast compartment built into the trailer for security
- Trailer Design - industrial torsion-spring axles to minimize road vibration
- Trailer Design - zinc dichromate plated outriggers to resist corrosion
- Trailer Design - built-in 30 Gallon fuel cell
- Light Tower Design - provides platform for generator placement
- Light Tower Electrical Design - NEC/NEMA certified L14-30P plug



The MLT connects to a line power or to a generator through a 125V/150V, 30A L14-30P twist lock plug.



Each floodlight requires a ballast for starting. They are built into the tongue of the trailer in an easy to service weather resistant compartment. An internal fan ensures proper cooling. The light control panel is positioned outside the compartment and contains (2) single-pole 20A ON/OFF circuit breakers.

# MLTDA72 — MOBILE LIGHT TOWER

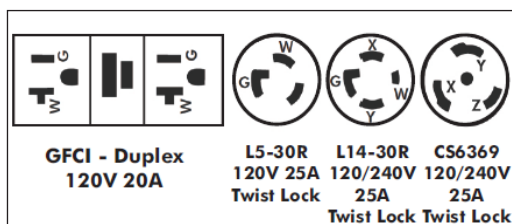
The **MLTDA7** represents a revolutionary concept in light tower design. The versatile nature of this modular unit permits 440,000 lumens of lighting and external electrical power operations via the trusted Multiquip **DA7000SSA1** genset. Mounted on a rugged mobile DOT certified trailer, and

equipped with a 30 gallon fuel tank, the **MLTDA7** can provide lighting operations for 48 hours. Further, the light tower mast assembly can be removed from the trailer frame to provide a compact towable generator package.

## MLTDA72 FEATURES

- Lamps - (4) 1000W Metal Halide
- Lumen Output - 440,000
- Lamp Connections - 3-pin quick disconnect
- Lamp Design - heavy steel/aluminum construction with heat sink
- Engine - KUBOTA Tier 4 Final diesel
- Engine Power - 11.9HP at 3,600 RPM
- Engine Efficiency - 30 gallon tank; 48 HR run time at 3/4 load
- Mast Design - telescoping (30') w/zinc dichromate plating
- Mast Operations - 360° rotation w/locking pin
- Mast Design - collection tube for greater coil cord protection
- Generator Specifications - 120/240V 60Hz ( $\pm 2.5\%$  regulated)
- Generator Design - brushless, 7kW AC class F
- AUX Electrical Connections - (2) GFCI 120VAC 15A , (1)
- Trailer Design - DOT certified - wind stability 72 MPH w/ outriggers
- Trailer Design - ballast compartment built into the trailer for security
- Trailer Design - industrial torsion-spring axles to minimize road vibration
- Trailer Design - zinc dichromate plated outriggers to resist corrosion
- Trailer Design - built-in 30 Gallon fuel cell
- Light Tower Sound Signature - 65.7 dBA at 23'
- Light Tower Electrical Design - NEC/NEMA certified L14-30P plug

### DA7000SSW1 Receptacle Panel



# MLTSDW7 — MOBILE LIGHT TOWER

One of the most versatile investments in the towable lighting market is the Multiquip MLTSDW7. This modular unit features the premium SDW225SSA1 welder/generator, and four metal halide lamps on the Modular Light Tower (MLT) frame. This combination provides a mobile, three-in-one multipurpose unit ready to provide light, electrical power, and welding operations.

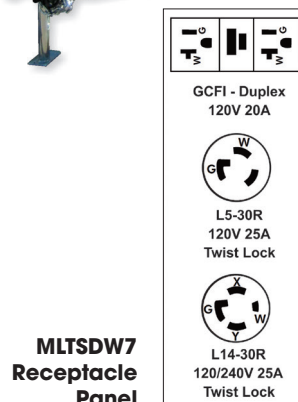
As a welder, this unit provides outstanding arc characteristics for constant current (CC) or constant voltage (CV) operations. As a generator, the operator is afforded 6kW 120/240V 50/25A continuous power with exceptional  $\pm 2\%$  voltage regulation. The MLTSD7 is supported by an industrial DOT approved trailer with 30 gallon fuel capacity.

## MLTSDW7 FEATURES

- Lamps - (4) 1000W Metal Halide
- Lumen Output - 440,000
- Lamp Connections - 3-pin quick disconnect
- Lamp Design - heavy steel/aluminum construction with heat sink
- Engine - KUBOTA Tier 4 Final diesel
- Engine Power - 11.9HP at 3,600 RPM
- Engine Efficiency - 30 gallon tank; 48 hour run time at 3/4 load
- Welder Model - Whisperweld SDW225SSA1
- Welder Range - [CV] 200A 15-28V, [CC] 200A 50-225A
- Welder Duty Cycle - 200A - 100%
- Mast Design - telescoping (30') w/zinc dichromate plating
- Mast Operations - 360° rotation w/locking pin
- Mast Design - collection tube for greater coil cord protection
- Generator Specifications - 120/240V 60Hz ( $\pm 2.0\%$  regulated)
- Generator Design - brushless, 6kW AC class F
- Auxiliary Electrical Connections - (2) GFCI 120VAC 15A, (1) L5-30R 25A
- Auxiliary Electrical Connections - (1) L14-30R 25A
- Trailer Design - DOT certified - wind stability 72 MPH w/ outriggers
- Trailer Design - ballast compartment built into the trailer for security
- Trailer Design - industrial torsion-spring axles to minimize road vibration
- Trailer Design - zinc dichromate plated outriggers to resist corrosion
- Trailer Design - built-in 30 Gallon fuel cell
- Light Tower Sound Signature - 68.7 dBA at 23'
- Light Tower Electrical Design - NEC/NEMA certified L14-30P plug



**ALL-IN-ONE** — The MLTSDW7 is the industry's only light tower offering the versatility of a premier generator plus high quality CC/CV welding capability.



# GLOBUG™ ATTACHMENT — GB2000

The GB2000 easily connects to the electrical and ballast systems of most conventional light towers to provide exceptional glare-free lighting.

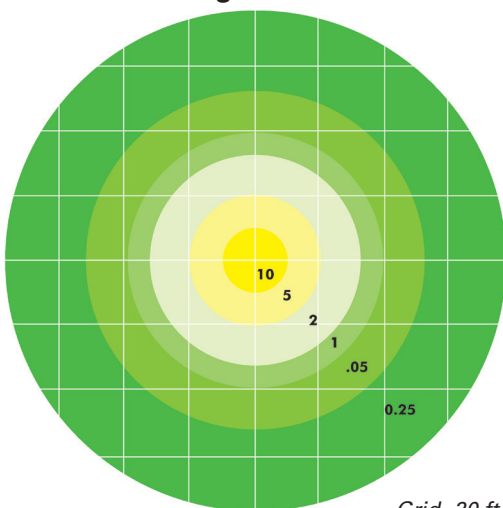
- 2000 Watt 360° glare-free diffused lighting system
- Seamlessly works with the existing light tower electrical systems
- Integrated fan inside lamp housing instantly inflates balloon
- Quick disconnect electrical fittings
- Excellent light coverage of over 240 feet
- Quick, easy set-up and transportation
- Meets DOT diffused lighting specifications
- Comes with T-Bar mounting bracket and all necessary hardware
- Balloon is washable and repairable



*The GB2000 connects to standard 90° Light Tower T-Bars and integrates with the electrical and ballast systems for seamless operations. Two conventional lamps may still be operated with the GB2000.*



**Light Plot**



Grid=20 ft.

Footcandle	10	5	2	1	0.5	0.25
Diameter (ft.)	20	62	93	120	154	232

## Model GB2000

Assembly includes:

(1) 2000W Balloon Lamp Assembly

(1) Universal Bracket Assembly

(1) Electrical Junction Box and connection hardware

Total Weight	31 lb.
Wind Limits	40 MPH
<b>Lamp Assembly</b>	
Balloon (inflated)	34.5" x 35.5" x 40.5"
Lamp (W)	2 x 1000W Metal Halide
Lumens	220,000
Voltage (V)	238-268
Current (A)	8.2A @ 240V
Hertz (Hz)	50-60
Min. Generator	3200 W



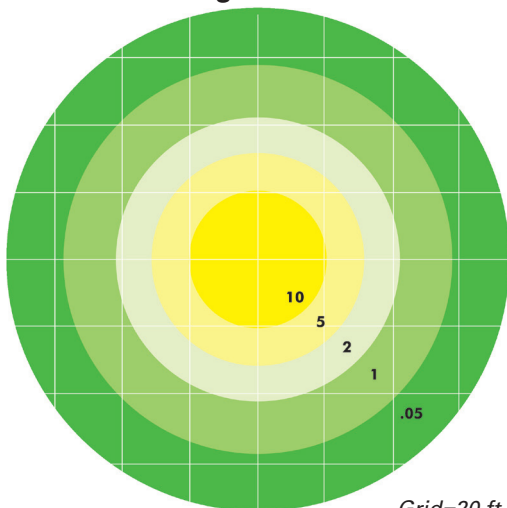
# GLOBUG™ ATTACHMENT — GB4000

The GB4000 provides powerful glare-free lighting. The system provides diffused illuminance that eliminates shadows, improves operator job awareness, and curtails light glare to on-coming automotive traffic.

- 4000 Watt 360° glare-free diffused lighting system
- Seamlessly works with the existing light tower electrical systems
- Integrated balloon fan inside lamp housing instantly inflates balloon
- Quick disconnect electrical fittings
- Excellent light coverage of over 300 feet
- Quick, easy set-up and transportation
- Meets DOT diffused lighting specifications
- Includes T-Bar mounting bracket and all necessary hardware
- Balloon is washable and repairable



**Light Plot**



Footcandle	10	5	2	1	0.5
Diameter (ft.)	60	93	122	165	230



*The GB4000 easily connects to the electrical and ballast systems of the light tower for seamless operation.*



## Model GB4000

Assembly includes:

(1) 4000W Balloon Lamp Assembly

(1) Universal Bracket Assembly

(1) Electrical Junction Box and connection hardware

Total Weight	41 lb.
Wind Limits	40 MPH

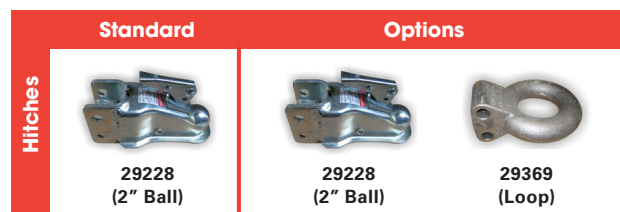
## Lamp Assembly

Balloon (inflated)	55.1" x 47.2"
Lamp (W)	4 x 1000W Metal Halide
Lumens	428,000
Voltage (V)	50-60
Current (A)	37.2A @ 240V
Hertz (Hz)	50-60
Min. Generator	4200 W

# SPECIFICATIONS

Model	MLT	MLTCAM	MLTDA72	MLTSDW7
<b>Engine</b>				
Engine Manufacturer	N/A	N/A	Kubota	Kubota
Engine Model	N/A	N/A	Z482	Z482
EPA/Tier	N/A	N/A	Tier 4 Final	Tier 4 Final
Cylinders	N/A	N/A	2	2
Horsepower	N/A	N/A	12.5	12.5
Rated Speed- RPM	N/A	N/A	3600	3600
Engine protection	N/A	N/A	High temp/low oil	High temp/low oil
Sound Level dB @ 23ft	N/A	N/A	65.7	68.7
<b>Fuel Tank</b>				
Fuel Capacity-gal (ltr)	30	N/A	30	30
Running time-hr	N/A	N/A	48 hrs @ 3/4	48 hrs @ 3/4
Fuel consumption Gal. hr	N/A	N/A	0.625	0.625
Fill Neck opening	2 in.	N/A	2 in.	2 in.
<b>Trailer</b>				
Axle Capacity	2000 lbs.	2000 lbs.	2000 lbs.	2000 lbs.
Tire size	13 in.	13 in.	13 in.	13 in.
Standard Hitch Type	2 in. Ball	2 in. Ball	2 in. Ball	2 in. Ball
Support points	4	4	4	4
Suspension Type	Torsion spring axle	Torsion spring axle	Torsion spring axle	Torsion spring axle
<b>Generator</b>				
Excitation	N/A	N/A	Brushless	Brushless
Model	N/A	N/A	Denyo	Denyo
Insulation	N/A	N/A	Class F	Class F
Wattage (KW) Max.	7000	N/A	7000	7000
Wattage (KW) Cont.	6000	N/A	6000	6000
Voltage	120/240	N/A	120/240	120/240
Frequency-Hz	N/A	N/A	60Hz	60Hz
RPM	N/A	N/A	3600	3600
Regulation ±	N/A	N/A	± 2.5%	± 2%
<b>Control Panel</b>				
Hour meter	N/A	N/A	Yes	Yes
<b>Mast Assembly</b>				
Construction	Zinc Dichromate Coated	Zinc Dichromate Coated	Zinc Dichromate Coated	Zinc Dichromate Coated
Rotation	360°	360°	360°	360°
Sections	3	3	3	3
Positive Position Lock	Yes	Yes	Yes	Yes
<b>Lights</b>				
Color	Bright White	N/A	Bright White	Bright White
Lamps	(4) 1000W Metal Halide	N/A	(4) 1000W Metal Halide	(4) 1000W Metal Halide
<b>Dimensions</b>				
L x W x H (Inches)	173 x 50 x 70	173 x 50 x 70	173 x 50 x 70	173 x 50 x 70
Mast Deployed	30 Feet	30 Feet	30 Feet	30 Feet

## TOW HITCH OPTIONS



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