HT10 FULL HYDRAULIC LIGHT TOWER

GRANDWATT



- ✔ Up to 341 Hours Run Time
- ✔ One-Person Hydraulic Setup
- ✔ Built for Harsh Mining Conditions

ENGINEERED FOR MINING • BUILT FOR RESULTS



BUILT FOR REAL MINING CONDITIONS

The GRANDWATT HT10 Full Hydraulic Light Tower (Tennessee Series) is designed to meet the real demands of mining operations where safety, uptime, and efficiency are critical.

Its fully hydraulic system including mast lifting, rotation, tilt, and stabilizers allows fast, safe, one-person deployment, significantly reducing manual handling and labour requirements.

Powered by a reliable Yanmar diesel engine, the HT10 delivers low noise, low fuel consumption, and dependable performance, even in remote environments.

Equipped with 6 × 400W LED lights, it provides powerful illumination across large work areas, improving visibility and job site safety.

An intelligent controller with automatic timer function enables fully automated operation, reducing operator workload.

With a 348L fuel tank, the unit can operate up to 341 hours without refueling, maximizing uptime and minimizing site interruptions.

APPLICATIONS

- Mining Operations
- Emergency Lighting
- Oil & Gas Projects
- Construction & Infrastructure

ENGINEERED
FOR PERFORMANCE

GRANDWATT

6 × 400W LED Lights
High-output illumination, 396,000 lm

Electric Tilt & Rotation
90° Tilt & 340° Rotation for maximum coverage

9.2 m Hydraulic Telescopic Mast
Hot-dip galvanized for durability, with full hydraulic operation for fast and safe one-person setup.

Seagull Wing Doors
Easy maintenance access

Smart & Automatic Controller
Sunrise/Sunset Operation• Auto Timer Control• Remote Monitoring

348L Large Fuel Tank
Extended run time with fewer refueling stops

Australian Towing Coupler
Built for safe and compliant towing on Australian roads

Safety Lock System
Secure operation when extended



YANMAR

ENGINEERED FOR PERFORMANCE. BUILT FOR RELIABILITY.

GRANDWATT

TECHNICAL SPECIFICATIONS



Standard Model		HT10-M2400
Mast System	Max. mast height	9,200mm (30' 2")
	Mast structure treatment	Hot galvanizing
	Mast raise&telescope	Hydraulic
	Light bar rotation& tilt	Electric 340° rotation & 90° tilt
Luminaire	Luminaire	6*400 W LED (48 VDC)
	Overall lumens	396,000 Lumens
Towing Dimensions	Overall length*width*height	4,810mm (15'9")*2,070mm (6' 9½")*2,410mm (8')
	Weight	2,000 kg (4,409 lbs)
Engine & Alternator	Engine model	YANMAR 3TNV76
	Engine characters	3 cylinders, 4 cycles & water cooling
	Alternator	SINCRO FB4-48-100 (48 VDC)
Chassis	Structure	Fully bunded chassis metal strcture, hot galvanazing
	Suspension & Axle	Heavy duty axle with 3,000kg leafsprings
	Brake	Electrical
	Stabilizing leg	"A" style hydraulic legs
	Wheel	R16 off road tyres with 6 studs rim
	Towing coupler	75mm pintle ring or 50mm ball coupler
	Max. towing speed	100km/h (62 mph)
General Data	Fuel tank	348 liters (92 US gal) bunded metal tank
	Fuel consumption	1.02 L/hrs
	Run time before refuel	341 hours
	Control system	ALC708
	Max. wind resistance	100km/h (62mph)
	Acoustic pressure	69 dB(A) at 7 meters away
	Max. units load in 40' HC	3

GRANDWATT ELECTRIC CORP.
Address: 105 Professional Parkway, Suite 1502 Yorktown, VA 23693, USA
www.grandwatt.com

Lighting Where You Need
Power When You Need