



*Lighting Where You Need
Power When You Need*

HYDRAULIC LIGHT TOWER

► Product Introduction

Grandwatt full hydraulic light tower Tennessee HT10 series is designed and applied for mine site. Hydraulic mast, electric rotation and tilt, hydraulic legs are friendly and convenient for one person operation. It is powered by Japan Yanmar engine and DC alternator, with lower noise, lower fuel consumption, lower failure rate and global warranty. 6*400W LED or 6*600W LED light coverage $\geq 40,000 \text{ m}^2$. Controller has automatic timer to turn on and off light. 348L big fuel tank running 262 hours without refueling to save more maintenance time.



YANMAR



**LOW
NOISE**



**LOW FUEL
CONSUMPTION**



**MAX. HEIGHT
10M**



**FULL
HYDRAULIC**



HIGHLIGHT FEATURES

6*400 W LED
396,000 Lumens

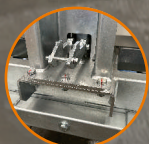
Electric 90° tilt
Electric 340° rotation



9.2 m hot dip galvanized
telescopic tower, all actions
are driven hydraulically



Safe buckle auto-working
while the mast erected
and extended



Automatically lights turn on
and turn off controlled by
the controller



Spacious seagull wing door for
convenient maintenance

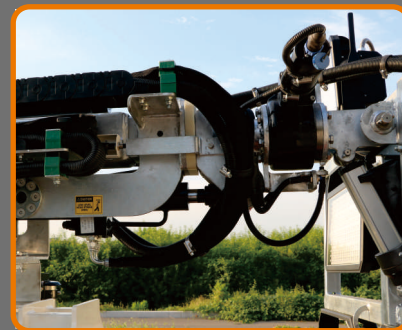
"A" style
hydraulic legs



Australian towing
coupler



Big fuel tank 348L(92 us gal)



Japan Yanmar engine with DC alternator

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Standard Model		HT10-M2400
Mast System	Max. mast height	9,200mm (30' 2")
	Mast structure treatment	Hot galvanizing
	Mast raise	Hydraulic
	Mast telescope	Hydraulic
	Light bar rotation	Electric 340 °
	Light bar tilt	Electric 90 °
Luminaire	Luminaire	6*400 W LED (48 VDC)
	Overall lumens	396,000 Lumens
Towing Dimensions	Overall length	4,810mm (15'9")
	Overall width	2,070mm (6' 9½")
	Overall height	2,410mm (8')
	Weight	2,000 kg (4,409 lbs)
Engine & Alternator	Engine model	YANMAR 3TNV76
	Engine characters	3 cylinders, 4 cycles & water cooling
	Combustion&Aspiration	IDI & Natural aspiration
	Alternator	With digital AVR
	Output voltage/Amps	48 VDC/100A
Chassis	Structure	Fully banded chassis metal strcture
	Structure treatment	Hot galvanazing
	Suspension & Axle	Heavy duty axle with 3,000kg leafsprings
	Brake	Electrical
	Towing frame	"A" style with heavy duty direction wheel & safe chains
	Stabilizing leg	"A" style hydraulic legs
	Wheel	R16 off road tyres with 6 studs rim
	Towing coupler	75mm pintle ring or 50mm ball coupler
	Wheel chocks with pocket	2 kits
	Tail lights	LED tail lights and road registrable features
	Max. towing speed	100km/h (62 mph)
General Data	Fuel tank	348 liters (92 US gal) banded metal tank
	Fuel consumption	1.33 L/hrs
	Run time before refuel	262 hours
	Control system	ALC708
	Jump start receptacle	350 A
	Fire extinguisher bracket	Bracket for 9 KG fire extinguisher
	Max. wind resistance	20m/s (45 mph)
	Acoustic pressure	69 dB(A) at 7 meters away
	Max. units load in 40' HC	3