



TN9 SERIES LIGHT TOWER



LOW
NOISE



LOW FUEL
CONSUMPTION



LOW FAILURE
RATE



Kubota **YANMAR**

► Manual Light Tower

TN9 series diesel light tower is manual horizontal light tower, 9 m manual light mast, 330° manual rotation with locking pin. It is powered by Japan Yanmar or Kubota engine and Italy Mecc Alte alternator, with 4*1000W metal halide, 300-400W LED are optional. Two individual manual winches are installed on the tower which ensure the operation of mast more reliable and safer, self-locking device be fitted on all winches which makes the extension of mast easily. It is economic, compact designed for transportation, it can be loaded 18 sets in a 40'high cube to save more transportation cost. Robust canopy with powder coated treatment and thickened metal plate which provide protection for interior components, and greatly improve life expectancy of light tower especially in the harsh environment, this model is the most economic type and will bring you good lighting solution.

LIGHTING
POWER
YOU
WHERE
YOU NEED
WHEN
NEED



HIGHLIGHT FEATURES



4*1000W Metal Halide
Optional 4*300-400W



9 meters
Maximum height
Hot galvanizing



Manual
Lifting system



330° Manual operation
with self-locking



Stabilizing leg for 4
extendable bars with jacks



Japan Yanmar or Kubota engine with Italy Mecc Alte alternator



TN9 Series Light Tower



Standard Model		TN9-R4000	TN9-R4400	TN9-R1200	TN9-R1600
Dimensions	Length	3,180 mm (10' 5")			
	Width	1,320 mm (4' 4")			
	Height	1,450 mm (4' 9")			
	Height extended fully	9 m (29' 7")			
	Gross weight	980 kg (2,150 lbs)		930 kg (2,040 lbs)	950 kg (2,084 lbs)
Engine	Model	D1105 Kubota or 3TNV76 Yanmar			
	Speed	1,500rpm/ 1,800 rpm			
	Engine characters	3 cylinders, 4 cycles & Water cooling			
	Combustion/Aspiration	IDI/ Naturally aspirated			
Alternator	Model	LT3N-130/4 MECCALTE			
	Frequency (HZ)	50/60			
	Rating voltage	230VAC 240/120 VAC			
	Insulation & Protection	Class H & IP23			
Mast & Lights	Luminaire	4*1,000W Metal Halide(Oval)	4*1,100W Metal Halide(Oval)	4*300W LED	4*400W LED
	Luminous flux	440,000 Lm		180,000 Lm	232,000 Lm
	Mast sections	3			
	Mast lift & extension	Manual			
	Mast rotation	330° Manual rotation with locking pin			
	Light tilt	Manual			
Trailer	Suspension & brake	Leaf spring axle without brake			
	Towing bar	Straight-bar with a supporting wheel			
	Stabilizing leg	4 extendable bars with jacks			
	Wheel	14" rim with regular tire			
	Towing coupler	2 inch ball & 2½ inch ring switchable coupler			
	Tail lights	Complex tail lights			
	Max towing speed	100 km/h (62 mph)			
General Data	Fuel tank	173 liters (45 US gal) metal tank			
	Operating hours	125 hours	115 hours	225 hours	210 hours
	Control system	Key start or optional Grandwatt Controller 1790N			
	Max. against wind	20 m/s (45 mph)			
	Max. acoustic pressure	71 dB(A) at 7 meters away			
	Max. load in 40' high cube	18 (Mast has to be detached for loading)			



Grandwatt Electric Corp.

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