



TN9 SERIES LIGHT TOWER



LOW
NOISE



LOW FUEL
CONSUMPTION



LOW FAILURE
RATE



LIGHTING
POWER
YOU
WHERE
YOU NEED
WHEN
NEED

YANMAR

► Manual Light Tower

TN9 series diesel light tower TN9-R1400 is manual horizontal light tower , 9 m manual light mast , 330° manual rotation with locking. It is powered by Japan Yanmar engine and Italy Mecc Alte alternator , with 4 * 350W LED . Two individual manual winches be 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 .



HIGHLIGHT FEATURES



4*350W LED



9 meters
Maximum height
Hot galvanizing



330° Manual
operation with
self-locking

Manual
Lifting system



Stabilizing leg for 4
extendable bars with jacks



Japan Yanmar engine with Italy Mecc Alte alternator

TN9 SERIES LIGHT TOWER

TN9 -R1400 Manual Diesel Light Tower

Standard Model		TN9-R1400	TN9-R4000
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	940 kg (2,072 lbs)	980 kg (2,150 lbs)
Engine	Model	3TNV76-GGE 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*350W LED	4*1,000W Metal Halide(Oval)
	Luminous flux	210,000 Lm	440,000 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) fuel tank	
	Operating hours	215 hours	125 hours
	Control system	Smartgen Controller 1790N	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)	