

**PERKASA**

# 4TN Light tower Classic Series

POWERED BY  
**Kubota** ENGINE



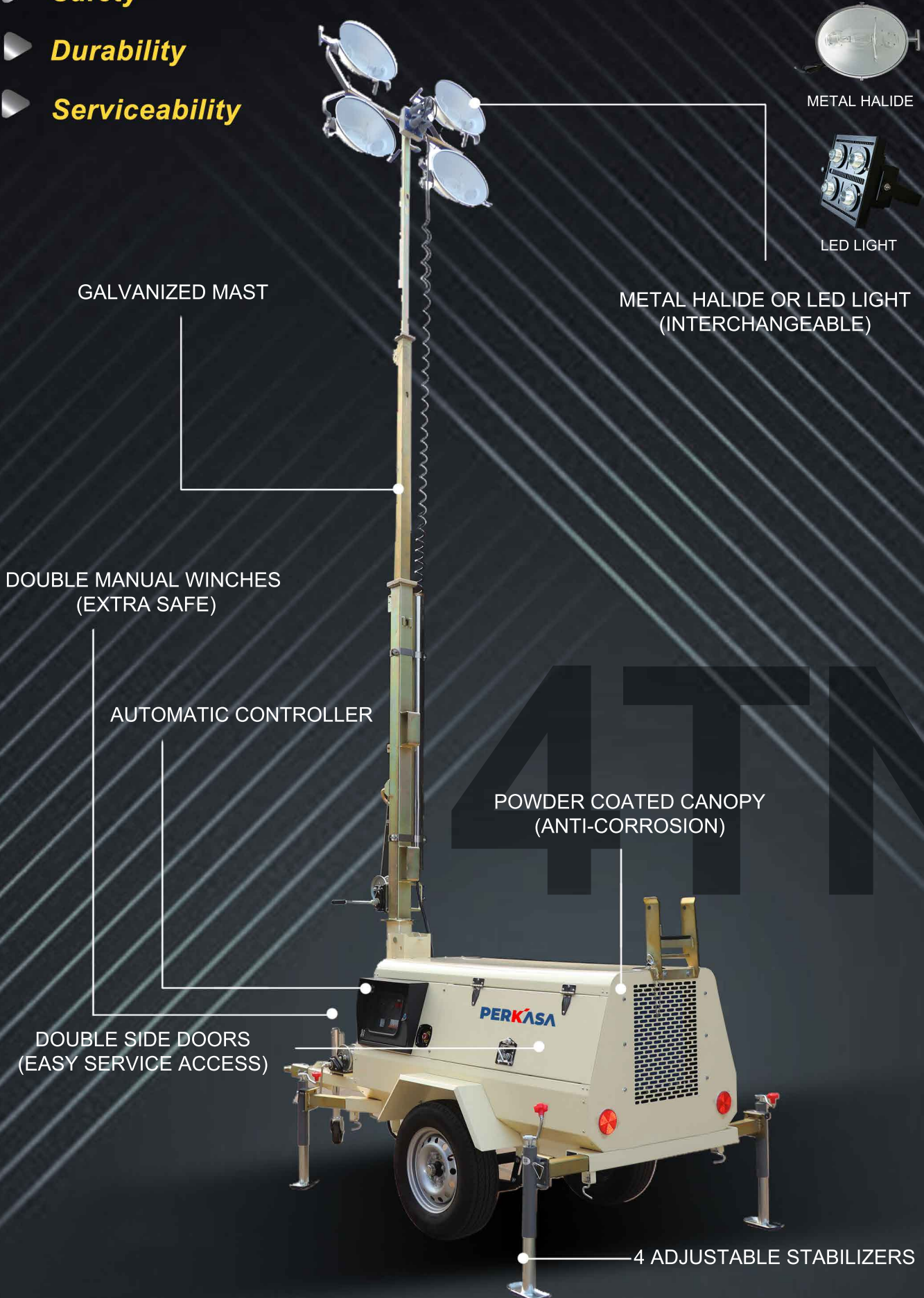
**PT. PERKASA INDOQUIP UTAMA**

The Icon Business Park H / 5, BSD City, Tangerang ,Banten

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## MAIN BENEFITS

- ▶ **Safety**
- ▶ **Durability**
- ▶ **Serviceability**



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# 4TN Light tower Classic Series

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## Application



Construction sites



Road-bridge Repairing works



Outdoor sports



Emergency services



Oil field & mining

4TN , Superwatt's most classic series lighting tower, has been proofed the toughest series due to its classic structure design-double manual winch and Horizontal mast.

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.

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. The series can be equipped with metal halide and LED light, rating capacity of Metal halide is 4×1000W, and LED is 4×400W.



9 meters  
Height up to



170L  
Diesel



440,000  
Lumens  
Maximum



330° manual  
Rotation



Double winches lifting  
Double winches lifting

## Features:

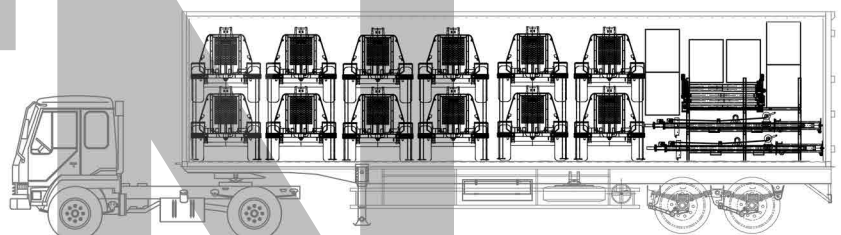
- reach a working height of 9 meters
- Double manual winches
- Max 330° lockable rotated mast
- 80 µm powder coated canopy
- Double side doors and all components easily accessible
- Mast detachable, maximum 12 units per single truck
- Horizontal galvanized mast
- Acoustic pressure 72dB(A) at 7 meters away
- Max. against wind when fully extended 20 m/s
- 4×extensible stabilizing legs with locking pin
- Electrical controller with LCD display screen
- 2" or 50 mm ball tow adapter
- 14" wheel's rim with regular tires
- Max towing speed 80km/h ( 62 mph)
- 2× IP67 Output socket



CE certified model

## Available options:

- Trailer with AL-KO suspension system
- Orange or red colour
- Special tool kits



12 Units Per Truck

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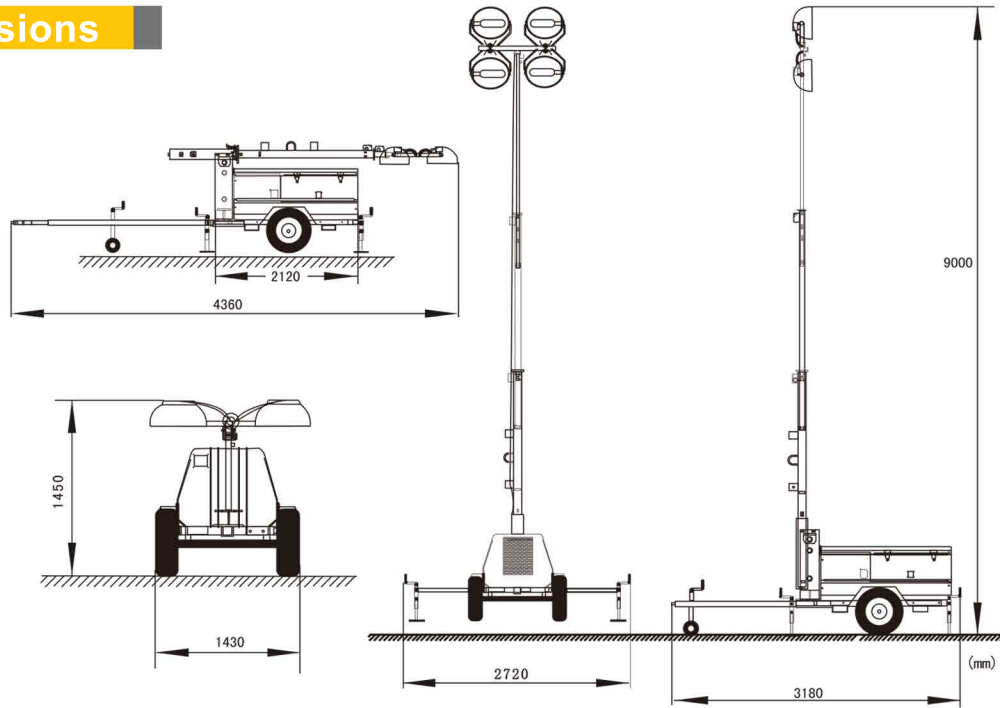
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## Technical data

	Basic Model	4TN4000	4TN1600
Dimensions	Length	4360mm	4360mm
	Width	1430mm	1430mm
	Height	1450mm	1450mm
	Full extending Height	9m	9m
	Genset power ( 1500/1800rpm-KW )	6.5/7.5	3/3.5
	Gross weight	960kg	910kg
Engine	Engine model	D1105 (KUBOTA)	Z482 (KUBOTA)
	Speed(rpm)	1500/1800	1500/1800
	Number of cylinders	3	2
	Engine characters	4 cycles, Watercooled diesel	4 cycles, Watercooled diesel
	Combustion System	E-TVS	Direct injection
	Engine aspiration	Naturally aspirated	Naturally aspirated
Alternator	Emission level (50/60Hz)	Regular	Regular
	Standard configuration	Mecc alte LT3N-130/4	Mecc alte LT3N-75/4
	Frequency (HZ)	50/60	50/60
	Rating voltage ( 50/60Hz)	230/115V (50HZ), 240/120V (60HZ) AC	230/115V (50HZ), 240/120V (60HZ) AC
	Alternator insulation	Class H	Class H
Mast & Lights	Alternator protection grade	IP23	IP23
	Type of Lights	Regular metal halide	LED
	Light's fixture	Oval	Rectangle
	Luminous flux	110000 LM/light	52000 LM/light
	Number & power of lights	4x1000W	4x400W
	Number of mast sections	3	3
	Mast lifting	Manually	Manually
	Mast extension	Manually	Manually
Trailer	Mast rotation	359° Manually (330° lockable)	359° Manually (330° lockable)
	Light tilt	Manually	Manually
	Trailer suspension & axle with brakes	Leaf springs & single axle without brake	Leaf springs & single axle without brake
	Tow bar	Retractable & adjustable supporting wheel tow bar	Retractable & adjustable supporting wheel tow bar
	Stabilizing legs & number	4 pcs drawable bar with manual jacks	4 pcs drawable bar with manual jacks
	Wheel's rim size & tires	14" rim with regular tires	14" rim with regular tires
	Tow adapter	2" or 50 mm ball adapter	2" or 50 mm ball adapter
Additional Features	Tail lights	Tail reflector	Tail reflector
	Max towing speed	80km/h ( 62 mph)	80km/h ( 62 mph)
	Fuel tank Type	Rotational moulding plastic	Rotational moulding plastic
	Fuel tank capacity	170 liters	170 liters
	Operating hours with full fuel	120 hours	280 hours
	Wires & electric components	Regular	Regular
	Generator starting methods	HGM1790 ( by controller )	HGM1790 ( by controller )
	Power outlet sockets	2	
	Tool box with the maintenance tools	Don't supply for standard configuration, just for option	
	Max. against wind when fully extended	20 m/s	20 m/s
Standard colour	Acoustic pressure	72dB(A) at 7 meters away	72dB(A) at 7 meters away
	Standard colour	Any colour for canopy with Black chasis, fenders, tow bar & mast base/ Galvanized masts & drawable bar of legs, etc	
	Max. # of units loading in 40' high container (Some components would be detached)	12	12

## Dimensions



\* The actual size and dimension of the product may differ from the drawing dimension (error margin within 5%)

## Loading quantity

4 units/20GP

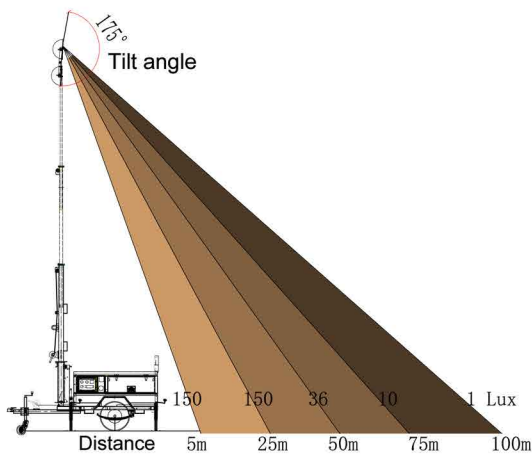


12 units/40HQ

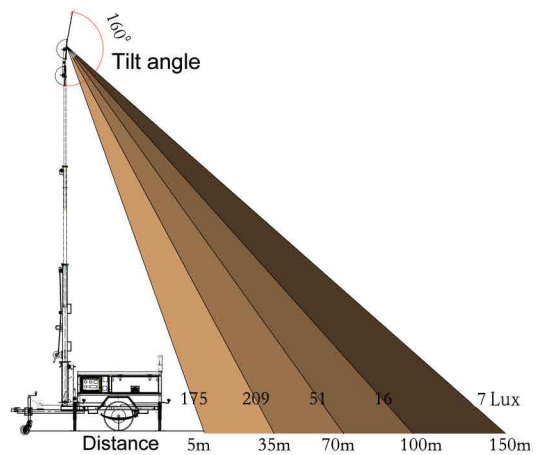


※Some parts to be dismantled for container shipment

## Light coverage



Metal halide (4x1000W)



LED light (4x400W)



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