

# MOSA



**MOSA Light**

GENERAL CATALOGUE LIGHTING TOWERS

# EXCLUSIVELY MOSA

SINCE  
1963



## THE SPECIALIST IN QUALITY WITH SOLUTIONS THAT MAKE A DIFFERENCE

SINCE 1963.

GLOBAL REFERENCE FOR POWER GENERATION & ENGINE DRIVEN EQUIPMENT



For over 50 years MOSA has addressed market demand by focusing on the performance and reliability of its products. Experience and commitment to innovation has positioned MOSA as a worldwide reference in the manufacture of products that meet client needs in terms of lighting towers, power generation and engine driven welding equipment. From this unique know-how technologies and products are designed and manufactured with strict quality principles that have underpinned the success of MOSA's solutions for the most demanding of end-users.

MADE IN ITALY



# WHY CHOOSE MOSALIGHT? MORE FUNCTIONAL & DURABLE

The principles of design and attentive construction typical of MOSA products can easily be seen in MOSA lighting towers, designed and manufactured in order to facilitate easy handling in all conditions and to ensure reliability and durability during operation. Among the main product features is the superior protection of the telescopic mast, a MOSA exclusive, at one of the tower's most exposed points shielding it from the elements, construction site debris, dust and leaves. This attention to detail can also be seen in the rounded edges of the canopy designed for rainwater drainage away from the control panel.



## MAST PROTECTION 1

To protect the lowered mast from atmospheric elements

## LED POWER 2

For improved durability and low energy consumption LED lighting is more efficient compared to other lighting systems

## HOOK 3

The lifting hook allows easy and simple movement of the tower (note to Grossi – be careful that the instructions show the tower to be lifted without undercarriage)

## NEW ROUNDED DESIGN 4

The rounded edges of the canopy have been designed for improved corrosion prevention

## LARGE DOORS 5

For easy inspection & maintenance of the engine and internal components

## CONTROL PANEL 6

For precise control of the mast, lights & motor protection

## SOCKET PANEL 7

Easy access to sockets

## BUNDED BASE 8

Containment of liquid up to 110% pressure, with fork lift pockets for movement

## STABILISER SUPPORT LEGS 9

2 front stabiliser support legs, removable and height adjustable  
2 rear back stabiliser support legs, height adjustable

## TRAILERS & BASES 10

3 types of versions available: Base Assembly with Stabilisers, Fast Tow Highway Trailer (Homologated), Site Tow Trailer

# THE RANGE



# SECTORS OF USE



EVENTS



ROADWORKS



CONSTRUCTION SITES



INDUSTRY



## LIGHT & ENERGY

### HYDRAULIC LIFTING VERSIONS

TF I19 Y  
J-4x1000 pag. 8



TF I19 Y  
L-4x250 pag. 9



## LIGHTNING KIT

### HYDRAULIC LIFTING VERSIONS

TF NI9  
A-6x1500 pag. 10

TF NI9  
J-4x1000 pag. 11

TF NI12  
A-6x1500 pag. 12

### MANUAL LIFTING VERSIONS

TF NM5.5  
A-4x400 pag. 13

TF NM5.5  
J-4x400 pag. 14

TF NM9 A  
A-6x1500 pag. 15



HYDRAULIC LIFTING  
WITH GENERATING SET

**VERSION**

- Base Assembly with Stabilisers
- Fast Tow Highway Trailer (Homologated)
- Site Tow Trailer

**ACCESSORIES**

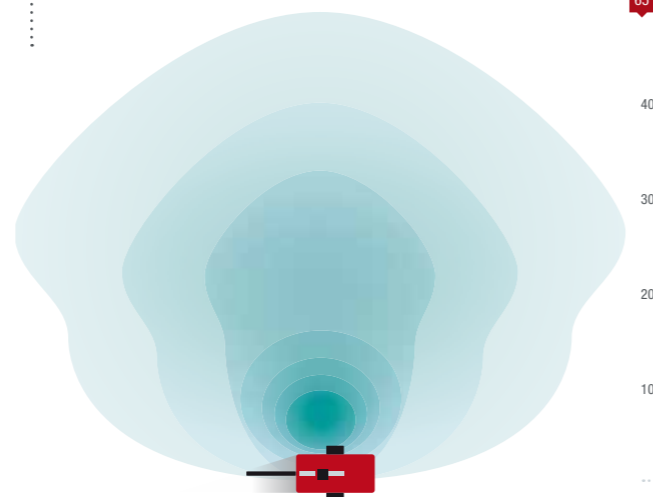
- Switch for external power supply

# TF II9 Y J-4X1000

**CHARACTERISTICS**

- 9m zinc plated telescopic mast
- Hydraulic raise/lower
- 340 degrees manual rotation
- Certified wind proof up to 80Km/h
- 4 x 1000W metal halide lamps (on/off switches one for each lamp)
- Safety valve for lowering the tower in case of hydraulic system failure
- 3.5 kVA single phase extra auxiliary power available
- Single phase synchronous alternator
- Quiet water cooled Yanmar diesel engine - 1500 r.p.m.
- Engine protection EP6
- 110l tank - 75h running time (only lights)
- Bunded basement
- Spark arrestor
- Super silenced
- Single point lifting eye and forklift pockets
- Meets EC Directives for noise and safety

ILLUMINATED AREA  
4200Mq  
ISOLUX DIAGRAMS



HYDRAULIC LIFTING  
WITH GENERATING SET

**VERSION**

- Base Assembly with Stabilisers
- Fast Tow Highway Trailer (Homologated)
- Site Tow Trailer

**ACCESSORIES**

- Switch for external power supply

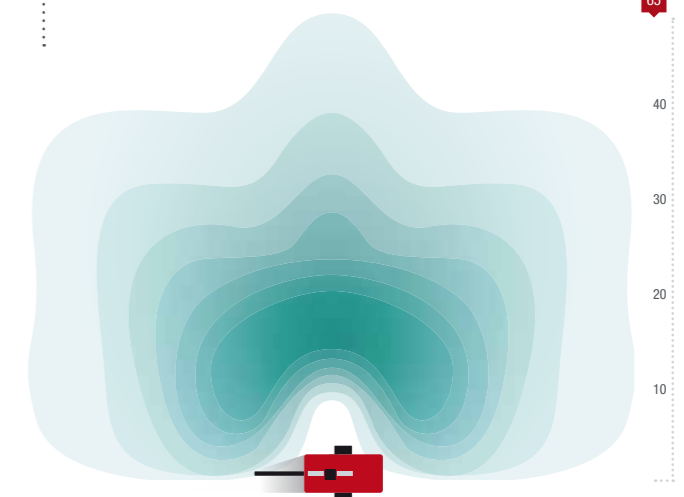


# TF II9 Y L-4X250

**CHARACTERISTICS**

- 9m zinc plated telescopic mast
- Hydraulic raise/lower
- 340 degrees manual rotation of the tower
- Certified wind proof up to 80 km/h
- 4 x 250W LED lamps (on/off switches one for each lamp)
- Safety valve for lowering the tower in case of hydraulic system failure
- 6.5 kVA single phase extra auxiliary power available
- Single phase synchronous alternator
- Quiet water cooled Yanmar diesel engine - 1500 r.p.m.
- Engine protection EP6
- 110l tank - 197h running time (only lights)
- Bunded basement
- Spark arrestor
- Super silenced
- Single point lifting eye and forklift pockets
- Meets EC Directives for noise and safety

ILLUMINATED AREA  
4200Mq  
ISOLUX DIAGRAMS



# LIGHTNING KIT

HYDRAULIC LIFTING  
WITHOUT GENERATING SET



## VERSION

- TF NI9 S A-6X1500
- Certified wind proof up to 90Km/h (\*)
- Weight: 810 kg (excluding the generator)



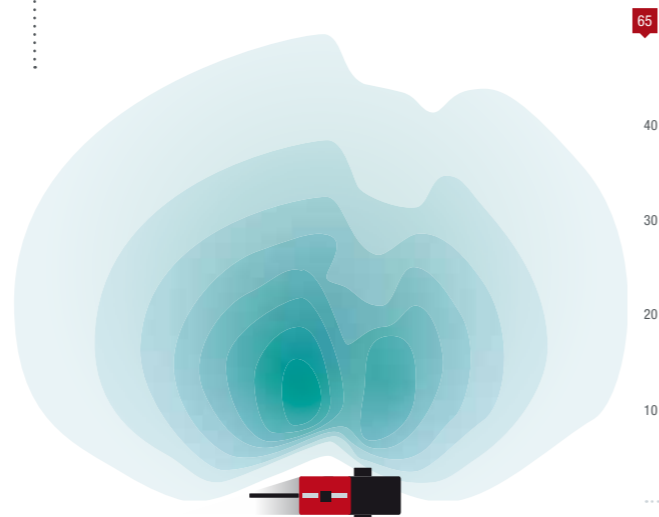
# TF NI9 A-6X1500

## CHARACTERISTICS

- 9m zinc plated telescopic mast
- Hydraulic raise/lower
- 340 degrees manual rotation of the tower
- Certified wind proof up to 80Km/h (\*)
- N. 6 x halogen lamps of 1500 W
- Two axes manually adjustable floodlights
- Illuminated area 4200mq
- Switches for lamps
- Site tow trailer structure
- 2 x pneumatic wheels with mudguards
- 4 x adjustable stabilisers, two extendable
- Lifting hooks and forklift pockets
- Frame prepared for installing a generating set from 8 to 20 kVA
- Weight: 790 kg (excluding the generator)
- Dimensions without drawbar (L x l x h): 2405 x 1410 x 2240 mm
- Dimensions with drawbar (L x l x h): 3915 x 1410 x 2240 mm
- Compliant with EC Directives

(\*) applicable to trailer loaded with generator having weight  $\geq$  210 kg

ILLUMINATED AREA  
4200Mq  
ISOLUX DIAGRAMS



# LIGHTNING KIT

HYDRAULIC LIFTING  
WITHOUT GENERATING SET



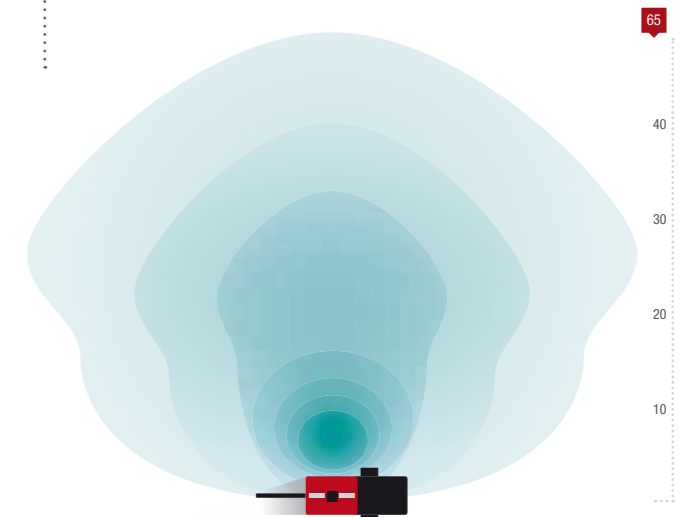
# TF NI9 J-4X1000

## CHARACTERISTICS

- 9m zinc plated telescopic mast
- Hydraulic raise/lower
- 340 degrees manual rotation of the tower
- Certified wind proof up to 80Km/h (\*)
- N. 4 x metal halide lamps of 1000W
- Two axes manually adjustable floodlights
- Illuminated area 4200mq
- ON/OFF Switches one for each lamp
- Site tow trailer structure
- 2 x pneumatic wheels with mudguards
- 4 x adjustable stabilisers, two extendable
- Lifting hooks and forklift pockets
- Frame prepared for installing a generating set from 8 to 20 kVA
- Weight: 790 kg (excluding the generator)
- Dimensions without drawbar (L x l x h): 2405 x 1410 x 2240 mm
- Dimensions with drawbar (L x l x h): 3915 x 1410 x 2240 mm
- Compliant with EC Directives

(\*) applicable to trailer loaded with generator having weight  $\geq$  210 kg

ILLUMINATED AREA  
4200Mq  
ISOLUX DIAGRAMS



# LIGHTNING KIT

HYDRAULIC LIFTING  
WITHOUT GENERATING SET

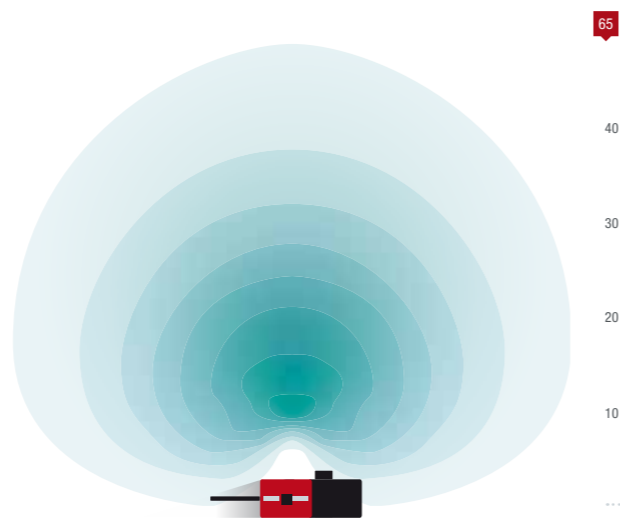
## TF NI12 A-6X1500

### CHARACTERISTICS

- 12m zinc plated telescopic mast
- Hydraulic raise/lower
- 340 degrees manual rotation of the tower
- Certified wind proof up to 80Km/h (\*)
- N. 6 halogen lamps of 1500 W
- Two axes manually adjustable floodlights
- Illuminated area 3600mq
- Switches for lamps
- Site tow trailer structure
- 2 x pneumatic wheels with mudguards
- 4 x adjustable stabilisers, two extendable
- Lifting hooks and forklift pockets
- Frame prepared for installing a generating set from 8 to 20 kVA
- Weight: 830 kg (excluding the generator)
- Dimensions without drawbar (L x l x h): 2405 x 1800 x 2650 mm
- Dimensions with drawbar (L x l x h): 3915 x 1800 x 2650 mm
- Compliant with EC Directives

(\*) applicable to trailer loaded with generator having weight  $\geq$  300 kg

ILLUMINATED AREA  
3600Mq  
ISOLUX DIAGRAMS



# LIGHTNING KIT

MANUAL MOTION  
WITHOUT GENERATING SET

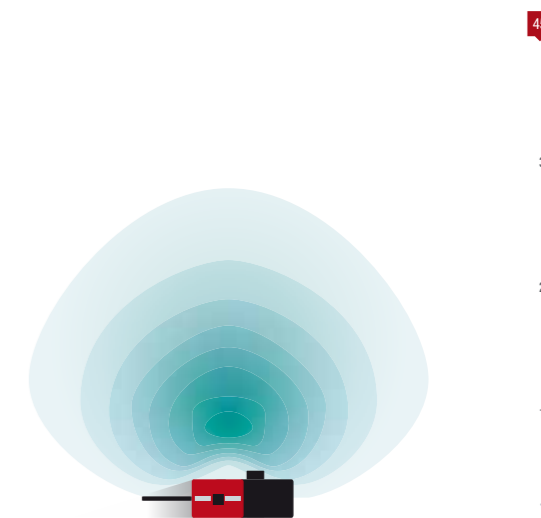
## TF NM5.5 A-4X400

### CHARACTERISTICS

- 5.5m zinc plated telescopic mast
- Manual winch raise/lower
- Certified wind proof up to 80Km/h (\*)
- 4 x halogen lamps of 400W (eq. 500W)
- Two axes manually adjustable floodlights
- Illuminated area 750mq
- ON/OFF Switches one for each lamp
- Trolley with wheels and handles
- 2 x adjustable stabilisers, two extendable
- Lifting hooks and forklift pockets
- Frame prepared for installing a generating set from 4 to 7 kVA
- Weight: 280 kg (excluding the generator)
- Dimension Tower Closed (L x l x h): 1480 x 1090 x 2180 mm
- Dimension Tower Open (L x l x h): 1730 x 1570 x 5500 mm
- Compliant with EC Directives

(\*) applicable to trailer loaded with generator having weight  $\geq$  80 kg

ILLUMINATED AREA  
750Mq  
ISOLUX DIAGRAMS



# LIGHTNING KIT

MANUAL MOTION  
WITHOUT GENERATING SET

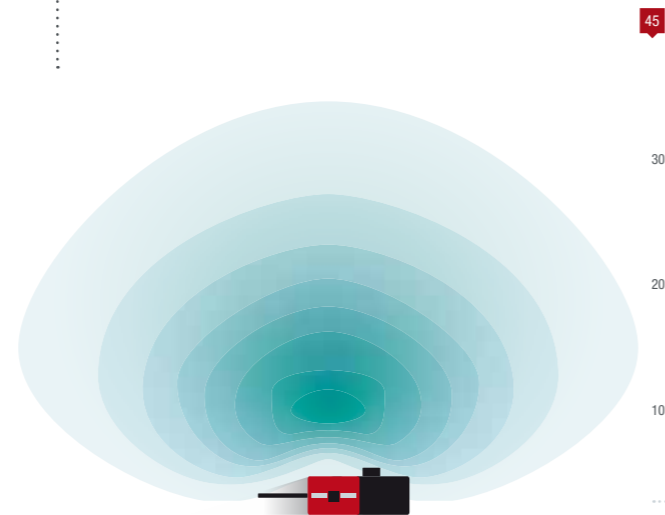
## TF NM5.5 J-4X400

### CHARACTERISTICS

- 5.5m zinc plated telescopic mast
- Manual winch raise/lower
- Certified wind proof up to 80Km/h (\*)
- 4 x metal halide lamps of 400W
- Two axes manually adjustable floodlights
- Illuminated area 1800mq
- ON/OFF Switches one for each lamp
- Trolley with wheels and handles
- 2 x adjustable stabilisers, two extendable
- Lifting hooks and forklift pockets
- Frame prepared for installing a generating set from 4 to 7 kVA
- Weight: 280 kg (excluding the generator)
- Dimension Tower Closed (L x l x h): 1480 x 1090 x 2180 mm
- Dimension Tower Open (L x l x h): 1730 x 1570 x 5500 mm
- Compliant with EC Directives

(\*) applicable to trailer loaded with generator having weight  $\geq$  80 kg

ILLUMINATED AREA  
1800Mq  
ISOLUX DIAGRAMS



# LIGHTNING KIT

MANUAL MOTION  
WITHOUT GENERATING SET

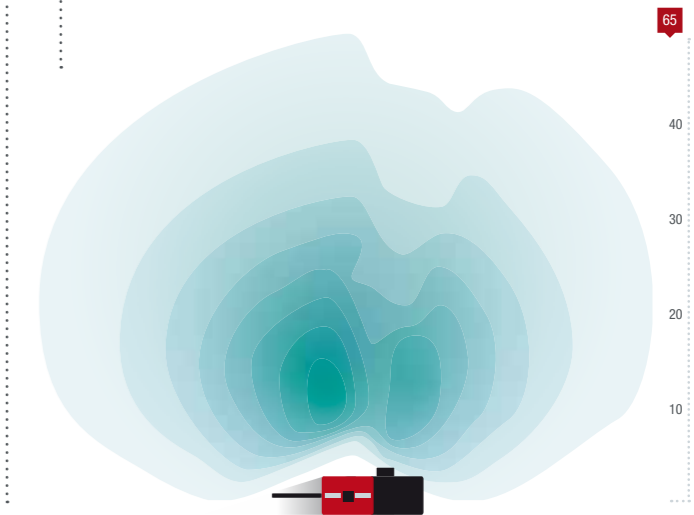
## TF NM9 A-6X1500

### CHARACTERISTICS

- 9m zinc plated telescopic mast
- Manual winch raise/lower
- 340 degrees manual rotation of the mast
- Certified wind proof up to 80Km/h (\*)
- 6 x halogen lamps of 1500 W
- Two axes manually adjustable floodlights
- Illuminated area 4200mq
- Switches for lamps
- Site tow trailer structure
- 2 x pneumatic wheels with mudguards
- 4 x adjustable stabilisers, two extendable
- Lifting hooks and forklift pockets
- Frame prepared for installing a generating set from 8 to 20 kVA
- Weight: 790 kg (excluding the generator)
- Dimensions without drawbar (L x l x h): 2405 x 1410 x 2240 mm
- Dimensions with drawbar (L x l x h): 3915 x 1410 x 2240 mm
- Compliant with EC Directives

(\*) applicable to trailer loaded with generator having weight  $\geq$  210 kg

ILLUMINATED AREA  
4200Mq  
ISOLUX DIAGRAMS



## THE SERVICES



### SPARE PARTS

A complete range of original spare parts, guaranteed directly by the manufacturer.



### ASSISTANCE

A team of specialists, well prepared and available to assure an efficient and resolving service.



### WARRANTY

A precise certainty for the customer's satisfaction: 2-year warranty included in the price.



### LUBRICANTS

MOSA recommends to use the original PowerLube lubricants.

# MOSA

