



# LAMPO ELA.15.100S



MANY FUNCTIONS IN ONE SINGLE MACHINE  
*Versatile, Practical and Safe.*

The essential tools to face all emergency critical situations, all of them assembled in a single street trailer machine:

-  Generating Set
-  Double pump unit
-  Lighting tower
-  Air compressor
-  Street trailer

## GENERAL INFORMATIONS LAMPO ELA.15.100S:

Model..... LAMPO ELA.15.100S  
 Engine..... KOHLER  
 Alternator..... Mecc-Alte  
 Power..... 15 Kva  
 Self Priming Pump..... VARISCO or VICTOR  
 Model..... 4" – 100 mm  
 Filling system..... E-Pump, 12 Volt self priming

Inverter..... ENERTRONICA SANTERNO  
 Power..... 11 kW  
 Lighting Tower..... Fireco  
 Height..... 6 meters  
 Lights..... 4 x 320 Watt LED  
 Brightness..... 160.000 Lumen  
 Air compressor..... 6 liters capacity  
 Street trailer..... Mono axle



**WET PRIME PUMP**  
 Equipped with horizontal centrifugal high volume self-priming pump under VFD



**LIGHTING TOWER**  
 A lighting tower that can reach considerable heights combined with high led lights



**LAYFLAT REEL**  
 Practical manual hose reel also available in double reel version for 50m length



**GEN SET**  
 Zanardi alternator erogates power to the electrical mono & three phases sockets



**AIR COMPRESSOR**  
 For rising the headlight column and for further cleaning and inflation purposes





# LAMPO ELA.15.100S

## STANDARD TECHNICAL SPECIFICATIONS:

### ENGINE:

Brand..... KOHLER  
Model..... KDI 1903 M  
Speed..... @1500rpm - 50Hz  
Output Power..... 18,9 kW  
Cylinders..... 4 in line  
Cooling system..... Liquid  
Displacement..... 1.861 cc  
Speed governor..... Mechanical

### ALTERNATOR:

Brand..... MECC ALTE  
Power..... 15,0 kVA – 12,0kW  
Frequency..... 50 Hz  
Tension..... 400 V + N  
Poles..... 4 @ 1500 rpm  
Type..... Brushless

### FUEL TANKFRAME

Capacity..... 50 liters  
Autonomy..... 12 hours  
Frame..... Dark Gray RAL 0716

### VFD - Inverter

Brand..... ENERTRONICA SANTERNO  
Model..... Sinus Penta  
Power..... 11kW

### SOUNDPROOFED CANOPY

Brand..... Euromacchine  
Model..... SUPERSILENT  
Exhaust..... Internal  
Doors..... 3 Easy-access doors (lockable)  
Colour..... White RAL 7035  
Dimensions [mm]..... 2.000 (l) – 1.000 (w) – 1.200 (h)

### STREET TRAILER

Type..... Mono axle  
Drawbar..... Fixed height  
Structure..... Galvanized steel  
Mudguards..... Plastic material  
Lights..... LED  
Accessories..... Spare wheel with support

### OVERALL DIMENSIONS [Including street trailer]

Length..... 4.500 mm  
Width..... 2.400 mm  
Height..... 2.500 mm

### WEIGHT [Including street trailer]

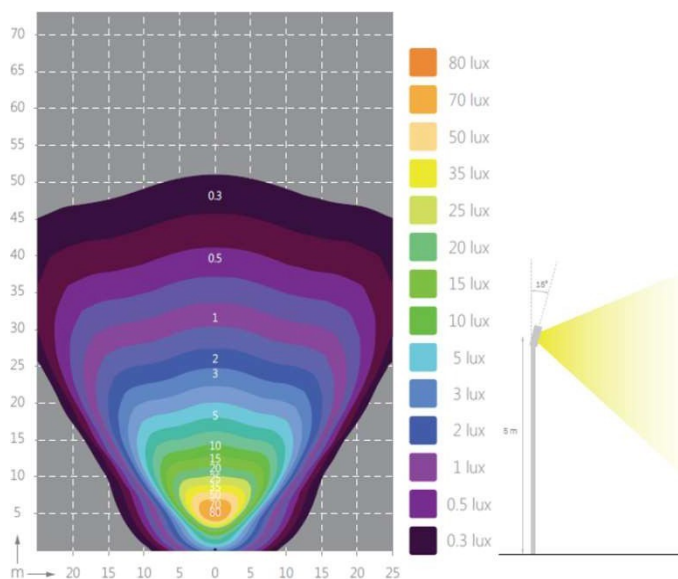
Dry Weight..... 2.000 kg

### COMPRESSOR

Model..... Nuair  
Capacity..... 6 liters  
Accessories..... Additional plug for external uses

### LIGHTING TOWER:

Brand..... FIRECO  
Model..... Pneumatic  
Type Light..... LED  
Number..... 4 x 320 Watt  
Model..... 320 Watt 90° lens  
Column Height..... 6 meters maximum  
Column Diameter..... 115mm  
Power Supplied..... 230V  
Colour..... 5.000°K WHITE  
Light Flux..... 160,000 lumen  
Body..... IP65  
Weight..... 3,5 kg each  
Operating..... -40°C +85°C



### ACCESSORIES INCLUDED

- Toolbox lockable with keys
- External area illumination lights on 4 canopy sides
- Control panel LED courtesy light
- Internal canopy LED courtesy light
- Joint tightening tube lever with rubber handle
- Steel fuel tank 20 liters capacity
- Powder extinguisher 2 kg
- Self-priming pump vacuum gauge
- Self-priming pump body emptying valve
- Spare wheel cover in canvas rubber
- Lampo unit quick guide sheet



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## ELECTRIC SELF-PRIMING PUMP

Brand..... Varisco or Victor  
 Model..... 4" – 100 mm  
 Max. flow..... 160 mc/hour – 2.670 l/min  
 Max. head..... 18,0 meters  
 Solids handling..... 50 millimeters  
 Electric motor..... 7,5 kW  
 Speed..... 1.450 r.p.m. - 50 Hz  
 Suction and delivery..... Threaded DN100  
 Weight..... 180 kg

## FILLING SYSTEM

Model..... E-SELF  
 Pump type..... Self-priming  
 Current..... 12 Volts

## SUCTION [STORZ joints]

Flange..... Ø100 male threaded 4"  
 Gummy hose..... n.4 x Ø100mm L=2,00 meters  
 Filter..... n.1 x Ø100mm 30 mm holes  
 Basement filter..... n.1 x Ø100mm, 20 mm holes  
 Hose holder..... With tightening straps

## DELIVERY [STORZ joints]

Flange..... Ø100 male threaded 4" on 120° bend  
 Layflat 6 bar..... n.1 x Ø100mm L=25,00 meters  
 Layflat wincher..... Manual winding

## TECHNICAL CURVE

