



**Dust suppression**  
FOG MAKER IN LOW PRESSURE

**New!**

**IDROTECH®**

**The flower  
of nebulization**



## Fog systems

**FOG MAKER**

**ELEFANTE in low pressure - 10 bar (145 psi)**



Detail of the cannon mouth of the industrial misting system ELEFANTE Fog maker, highlighting the three atomising nozzle-rings in action.



Detail of the fan installed on the industrial fog cannon ELEFANTE.



Detail of the electrical panel of the industrial misting system for dust suppression ELEFANTE.



Detail of the pneumatic pumping group of the industrial misting system for dust suppression ELEFANTE.

Code	Model	Description
ZX.8501	<b>ELEFANTE - FIXED VERSION</b>	Industrial fogging system for dust suppression ELEFANTE - FIXED VERSION with nebulizing module, short support column, water filter and control panel mounted on a concrete base.
ZX.8502	<b>ELEFANTE - MOBILE VERSION</b>	Industrial fogging system for dust suppression ELEFANTE - MOBILE VERSION, with nebulizing module, water filter and control panel mounted on a equipped trolley.



## Fog systems

### FOG MAKER

**ELEFANTE in low pressure - 10 bar (145 psi)**



With the dust suppression industrial system ELEFANTE, Idrotech has completed its range of misting systems. Thanks to a powerful fan, on which three concentric nozzle-rings are mounted, water is sprayed in very fine particles covering a large area (about 60 meters)

#### Advantages:

- Reduction of employed staff costs
- A more liveable work environment
- Reduction of wear and tear of the equipment
- Elimination of puddles and rivulets of water that can be sometimes polluted

Very positive impact on public administration and organs responsible for monitoring the environment.

**Application fields:** dust suppression in mines, quarries, steel plants, odour neutralization in garbage dumps, purification plants, contaminated areas, cooling in stadia, meeting areas, parks.

#### Technical features

- Power absorbed **11 Kw**
- Power supply **400V-50Hz**
- Protection degree **IP55**

#### Mechanical features

- Rotation angle **320°**
- Elevation **-20° +45°**
- Fan diameter **660 mm**
- Rpm **2800**

#### Fluid dynamic features

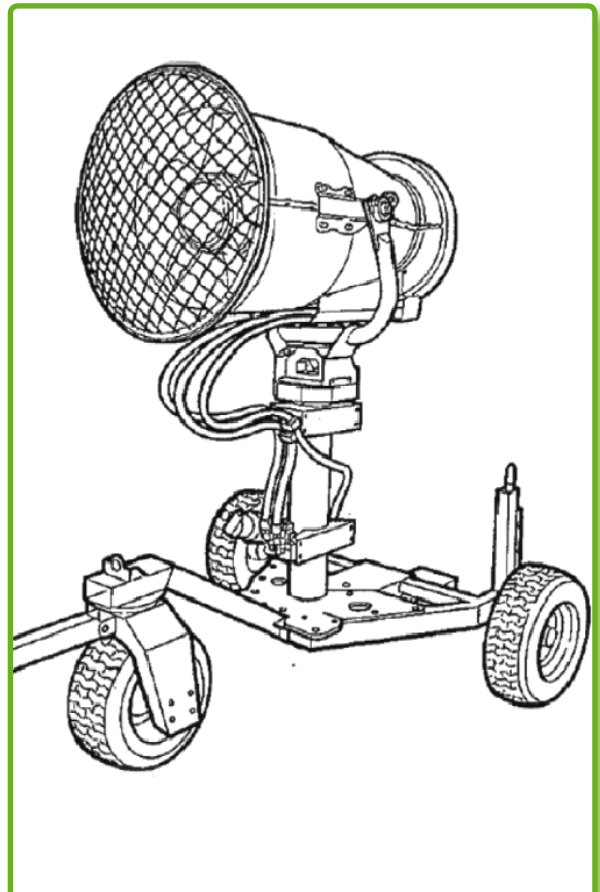
- Flow range **50/60 m**
- Noise **< 93 Lwa**

#### Controls and automatism

- ON / OFF switch
- Rotation right / left
- Up / down
- Pulse counter for rotation angle programming
- Fan start
- Start water supply (motor-pump/solenoid valves)
- Duty cycle remote control
- Operation light with buzzer

#### OPTIONAL

- Nozzles ring heating
- Night light
- ON/OFF and movement functions remote control



## TERMS

- Delivery: **EX WORKS**
- Packing: **NOT INCLUDED**
- This catalogue replaces the previous one
- Technical features, prices, data, tables and figures are just indicative. Any change can be made by the company without prior notice.

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