

FOG MAKER ATEX



Compliant with EU directive 94/9/EC for the control of equipment destined for use in zones subject to the risk of explosion



The system designed and developed especially for use in areas subject to the risk of explosion

Fog Maker ATEX is the new high pressure cannon (50bar) designed for **dust suppression**, and in particular of carbon and sulphur dust.

The jet from Fog Maker ATEX can reach 60 metres without wind, and can rotate from 0 to 340°.



Detail of the Fog Maker ATEX cannon outlet highlighting the ring of 156 atomiser nozzles



Noise barrier to reduce the noise of the Fog Maker during operation



Detail of fan installed on Fog Maker ATEX cannon



Steel platform: practical handling

Technical data

Code	Model	Description	Dimensions (LxDxH) mm	Weight
IT.9063	ATEX HP 15bar	Industrial misting system for dust suppression, short support column, water filter and control panel mounted on a metal base. Designed for installation in ATEX zones, i.e. areas subject to the risk of explosion	1430 x 870 x 160	340kg

Example of dust suppression application in ATEX 21 zone



Technical specifications

- **Operating pressure:** 50bar
- **No. of nozzles:** 3 ring with 52 nozzles
- **Maximum coverage:** approx. 10.700m²
- **Air flow rate:** 28.500 m³/h
- **Power absorption:**
fan 11kW
ring heating 2kW
- **Power supply:** 480 V-60Hz
- **Protection rating:** IP65
- **Rotation angle:** 340
- **Elevation:** -20° +45°
- **Fan diameter:** 660mm
- **2800Rpm**
- **Flow range:** approx. 60m
- **Noise:** < 93Lwa
- The electric control panel will be designed and produced according to the required application
- On request, it can be equipped with a pump unit with flow rate from 21 to 42l/min