



VIVO CONSULT

COMPREHENSIVE DUST SOLUTION.

“WE  
SUPPRESS  
DUST AT THE  
SOURCE”





VIVO CONSULT

Our products and services help protect the environment



2016

# Dust Suppression Cannon - DSC15

~ DSC15 is the smallest design.

## ADVANTAGES

- Its main usage is in a local industrial areas - demolition & construction, recycling, indoor applications etc.

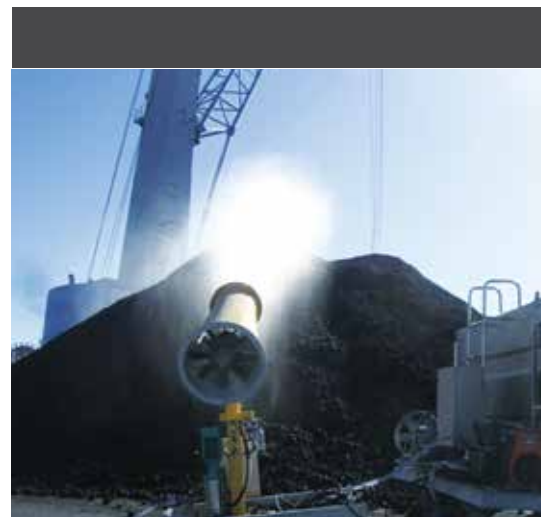
## STANDARD DESIGN

- One stainless steel nozzle ring
- Nozzles made of brass
- Automatic horizontal oscillation 0 - 350°
- Booster pump
- Flowmeter
- Water filter (mesh size 80 microns)
- Electric control panel
- Protection against dry - run

## ADDITIONAL ACCESSORIES

- Remote control (fog cannon On & Off)
- Wheeled trailer
- Electrical vertical tilting (10-40°)
- Chemical additives for dust or odour suppression
- Additional pump to increase the inlet pressure
- Petrol generator

TECHNICAL SPECIFICATION	DSC15
Throw (windless condition)	15 - 20 mts
Droplet size	50 - 150 microns
Fan	1,1 kW
Booster pump	2,2 kW
Filter mesh size	80 microns
Automatic oscillation	0 - 350°
Power supply	3 Phase, 400VAC, 50 Hz
Water pressure	3 bar
Water consumption	1 000 - 3 000 l/h
Water connection	inner thread G1 1/2"
Nozzles q-ty	18 pcs



# Dust Suppression Cannon - DSC30

~ In standard configuration, this fog cannon comes without wheeled trailer (can be quoted for extra costs).

## ADVANTAGES

- Its main usage is in demolition & construction, open stockpiles, port terminals, recycling, waste management industry etc.

## STANDARD DESIGN

- One stainless steel nozzle ring
- Nozzles made of brass
- Automatic horizontal oscillation 0 - 350°
- Booster pump
- Flowmeter
- Water filter (mesh size 80 microns)
- Electric control panel
- Protection against dry - run

## ADDITIONAL ACCESSORIES

- Remote control (fog cannon On & Off)
- Wheeled trailer
- Electrical vertical tilting (10-40°)
- Chemical additives for dust or odour suppression
- Additional pump to increase the inlet pressure
- Petrol generator

TECHNICAL SPECIFICATION	DSC30
Throw (windless condition)	15 - 30 mts
Droplet size	50 - 150 microns
Fan	4,0 kW
Booster pump	2,2 kW
Filter mesh size	80 microns
Automatic oscillation	0 - 350°
Power supply	3 Phase, 400VAC, 50 Hz
Water pressure	3 bar
Water consumption	1 000 - 3 000 l/h
Water connection	inner thread G1 1/2"
Nozzles q-ty	18 pcs



# Dust Suppression Cannon - DSC50

~ With a range more than 50 meters this fog cannon is capable of covering an area almost 8 000 square meters.

## ADVANTAGES

- Its main usage is in huge industrial areas where the maximal spraying capacity and the power are needed - therefore port terminals, mines or coal power plants are our valuable customers.

## STANDARD DESIGN

- One stainless steel nozzle ring
- Nozzles made of brass
- Automatic horizontal oscillation 0 - 350°
- Booster pump
- Flowmeter
- Water filter (mesh size 80 microns)
- Electric control panel
- Protection against dry - run

## ADDITIONAL ACCESSORIES

- Remote control (fog cannon On & Off)
- Wheeled trailer
- Electrical vertical tilting (10-40°)
- Chemical additives for dust or odour suppression
- Additional pump to increase the inlet pressure
- Diesel generator

TECHNICAL SPECIFICATION	DSC50
Throw (windless condition)	50 - 60 mts
Droplet size	50 - 150 microns
Fan	7,5 kW
Booster pump	5,5 kW
Filter mesh size	80 microns
Automatic oscillation	0 - 350°
Power supply	3 Phase, 400VAC, 50 Hz
Water pressure	3 bar
Water consumption	4 000 - 8 000 l/h
Water connection	inner thread G1 1/2"
Nozzles q-ty	36 pcs





# Dust Suppression Cannon - DSC70

## ADVANTAGES

- Its main usage is in huge industrial areas where the maximal spraying capacity and the power are needed - therefore port terminals, mines or coal power plants are our valuable customers.

## STANDARD DESIGN

- One stainless steel nozzle ring
- Nozzles made of brass
- Automatic horizontal oscillation 0 - 350°
- Booster pump
- Flowmeter
- Water filter (mesh size 80 microns)
- Electric control panel
- Protection against dry - run

## ADDITIONAL ACCESSORIES

- Remote control (fog cannon On & Off)
- Wheeled trailer
- Electrical vertical tilting (10-40°)
- Chemical additives for dust or odour suppression
- Additional pump to increase the inlet pressure
- Diesel generator

TECHNICAL SPECIFICATION	DSC70
Throw (windless condition)	60 - 70 mts
Droplet size	50 - 150 microns
Fan	15 kW
Booster pump	5,5 kW
Filter mesh size	80 microns
Automatic oscillation	0 - 350°
Power supply	3 Phase, 400VAC, 50 Hz
Water pressure	3 bar
Water consumption	4 000 - 8 000 l/h
Water connection	inner thread G1 1/2"
Nozzles q-ty	36 pcs



# Dust Suppression Cannon - DSC100

"For special uses can be manufactured and delivered a Dust Suppression Cannon with a range of more than 100 meters. This type of cannon has very different dimensions and a power input of the motor is also very diverse (up to 22 kW).

It will find application on very large areas, where it is necessary to cover an area of more than 34 000 m<sup>2</sup> (More than 5 football pitches). Examples may be landfills, waste areas, biological material storage, large warehouses of loose or biological materials.

Each cannon of this type is proposed for the given conditions. So do not hesitate and send a request. We will produce a tailor-made design."

## ADVANTAGES

- Its main usage is in huge industrial areas where the maximal spraying capacity and the power are needed - therefore port terminals, mines or coal power plants are our valuable customers.

## STANDARD DESIGN

- Double stainless steel nozzle ring
- Nozzles made of brass
- Automatic horizontal oscillation 0 - 350°
- Booster pump
- Flowmeter
- Water filter (mesh size 80 microns)
- Electric control panel
- Protection against dry - run

## ADDITIONAL ACCESSORIES

- Remote control (fog cannon On & Off)
- Wheeled trailer
- Electrical vertical tilting (10-40°)
- Chemical additives for dust or odour suppression
- Additional pump to increase the inlet pressure
- Diesel generator



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