

# SPRAYCANNON



## DUST & ODOUR SUPPRESSION



## WE BEAT THE DUST!





# INTRODUCTION

## MB DUST CONTROL

Fine dust emissions are hazardous. For years, MB Dustcontrol has been manufacturing fog solutions that optimally control dust and minimize the risks.

Our proven system consists of binding the emitted dust particles with droplets of water (fog) after which they quickly fall to the ground by gravity.

We work closely with our customers to find the right solution because we believe that every dust problem is unique.

We, MB Dustcontrol bv, were founded in 2008 and are based in Voorschoten (The Netherlands) where we started off by initially producing/selling dust suppression equipment for use on demolition sites in the Netherlands. However, it soon became clear that our equipment had a lot of potential in other areas as well.

Especially with regard to recycling, soil remediation, bulk material handling and at quarrying areas. Nine years ago we also started to export our equipment abroad, since there was great demand for this kind of equipment. Nowadays we are therefore very busy to expand our distribution network around the world, and with great success.

We can state that we produce the largest series of SprayCannons in the world - From our SprayCannon 5 up to the SprayCannon 150, which will suppress the odour/nuisance and dust within a range of up to 150 meters.

Very large surfaces can be covered due to the horizontal oscillation and electrical elevation. In addition to the standard spraycannons we also produce the "self supporting series" which consists of all our types of SprayCannon, equipped with a generator and water bowser and mounted on a steel skid or integrated on a trailer.

Five years ago we also started producing stainless steel fixed piping with specialized nozzles to mount on a wall or ceiling in order to suppress the dust and odour in indoor areas, such as recycling halls etc. Of course it is always possible to mount our spraycannons on a wall or ceiling as well.

It is no problem for us to produce a custom built SprayCannon if a customer has special demands.

We also provide temporary solutions if desired, our rental fleet consists of all types of SprayCannon.



## SPRAYCANNONS

MB Dustcontrol manufactures a full range of (mobile) SprayCannons. With or without trailer, wheel set, water tank, or generator and from small to large. A UV unit, remote control or frequency control are but a few of the available options we are able to offer. We also provide indoor dust management solutions that can be mounted on a wall or ceiling, as well as solutions that can be used in open spaces. Our SprayCannons spray a wall of fog from 5 up to 150 meters far and up to 35 meters high.

## SELF-SUPPORTING SPRAYCANNON SERIES

MB Dustcontrol also produces the SprayCannons as Self-Supporting Units. These installations consist of a water tank/bowser, generator and SprayCannon all mounted on skid or trailer.

An external water supply and electrical supply are then no longer required. These machines are also very suitable for odour control as well as adding other fluids to the water. Of course various options are available such as a remote control, electrical tilting system, UV unit etc.

## AREA DUST SUPPRESSION

When it proves impossible, or when there is simply too much dust in an area to fight it directly at the source, an excellent alternative is our hall atomization solution.

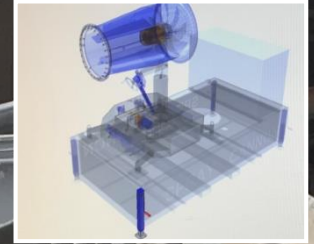
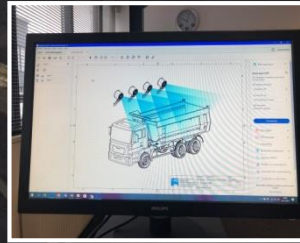
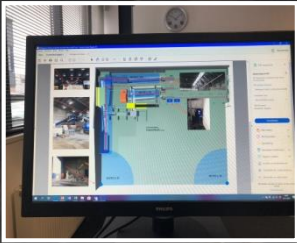
A high-grade network of stainless steel pipelines will be installed at the top of your hall, which will be equipped with specially created high pressure nozzles. By increasing the water pressure up to 70 bar we will create an extremely delicate screen of fog. Any floating dust particles will clot to these droplets of water and will fall down to the ground. An additional advantage of this is that any droplets of water unaffected due to a lack of dust will quickly evaporate. This will set a higher level of humidity, and will cause relatively less dust to be released from any source creating it.

## TIP DUST SUPPRESSION ON BOOM OR TOOL

MB Dustcontrol also provides the possibility to mount high pressure dust suppression systems on various tools, machines or booms. A high pressure system mounted on a boom or tool will be a very complementary solution to a SprayCannon. In this way we try to achieve the 100% suppression of dust, for example at demolition sites. Mounting the nozzles, the hydraulic valve and water tank onto the excavator, loader, crusher, pulverizers, breakers, drills, grapples, mobile crushers etc. will do the job, and in this way you will be able to suppress the dust at the dust emission source itself.

## APPLICATION AREAS

Demolition - Concrete Production Plants - Recycling Sites & Plants - Environmental Sites; Soil Remediation - Steel/Slag Handling Sites & Plants - Wood/Aluminum Processing Plants - Firefighting - The Spraycannons are also used for Cooling down Bulk Materials, Machines and Persons.



All our new products, innovations, turnkey or plug-and-play, custom built dust & odour suppression solutions are developed and engineered in-house, which will guarantee maximum flexibility to meet the expectations of our customers.

Our installations can be equipped with weather stations, wind-vanes and/or we can provide a total integration of the dust & odour suppression system into the product line/installation, which can also be manually operated, remote controlled from the technical room or just by a simple handheld remote control - we can provide the most suitable solution for you.







# SPRAYCANNON SERIES OVERVIEW

## FINE DUST EMISSIONS ARE HAZARDOUS

For years, MB Dustcontrol has been manufacturing the SprayCannon Series. We are continuously innovating and extending the series in order to optimize the suppression of dust emissions in the most effective and efficient way.

Our proven system consists of binding the emitted dust particles with droplets of water (fog) after which they quickly fall to the ground by gravity.

We work closely with our customers to find the right solution for each job because we believe that every dust problem is unique.

## APPLICATION AREAS

Demolition - Concrete Production Plants - Recycling Sites & Plants - Environmental Sites - Soil Remediation - Steel/Slag Handling Sites & Plants - Wood/Aluminum Processing Plants - Firefighting - The Spraycannons are also used for Cooling Down Bulk Materials, Machines and Persons.



The background of the entire page is a photograph of an industrial facility. In the foreground on the left, a large, white, spherical spray cannon nozzle is visible, with a yellow warning triangle on a nearby structure. The rest of the image shows a complex network of steel beams and walkways under a bright sky, suggesting a large-scale industrial or construction site.

### THE STAND-ALONE SPRAYCANNON SERIES:

- ✓ SPRAYCANNON 5
- ✓ SPRAYCANNON 15
- ✓ SPRAYCANNON 25
- ✓ SPRAYCANNON 35
- ✓ SPRAYCANNON 40
- ✓ SPRAYCANNON 50
- ✓ SPRAYCANNON 60
- ✓ SPRAYCANNON 75
- ✓ SPRAYCANNON 90
- ✓ SPRAYCANNON 100
- ✓ SPRAYCANNON 130
- ✓ SPRAYCANNON 150

### THE MAST SPRAYCANNON SERIES:

- ✓ SPRAYCANNON 40-M
- ✓ SPRAYCANNON 50-M
- ✓ SPRAYCANNON 60-M

### THE SELF-SUPPORTING SPRAYCANNON SERIES:

- ✓ SPRAYCANNON 25 SS
- ✓ SPRAYCANNON 40 SS
- ✓ SPRAYCANNON 40 SS-M
- ✓ SPRAYCANNON 50 SS
- ✓ SPRAYCANNON 60 SS
- ✓ SPRAYCANNON 40 - 100 SS HD

### THE SKID-MOUNTED SPRAYCANNON SERIES:

- ✓ SPRAYCANNON 40 SKID
- ✓ SPRAYCANNON 50 SKID
- ✓ SPRAYCANNON 60 SKID

### THE WALL-MOUNTED SPRAYCANNON SERIES:

- ✓ SPRAYCANNON 15-W
- ✓ SPRAYCANNON 25-W
- ✓ SPRAYCANNON 40-W



# STAND ALONE SPRAYCANNON SERIES

## SPRAYCANNONS

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### THE STAND-ALONE SPRAYCANNON SERIES:

- ✓ SPRAYCANNON 5
- ✓ SPRAYCANNON 15
- ✓ SPRAYCANNON 25
- ✓ SPRAYCANNON 35
- ✓ SPRAYCANNON 40
- ✓ SPRAYCANNON 50
- ✓ SPRAYCANNON 60
- ✓ SPRAYCANNON 75
- ✓ SPRAYCANNON 90
- ✓ SPRAYCANNON 100
- ✓ SPRAYCANNON 130
- ✓ SPRAYCANNON 150



# SPRAYCANNON 5



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## TECHNICAL SPECIFICATIONS

Usage	Indoor
Distance (m)	5-10 (windstill cond.)
Surface (m <sup>2</sup> )	6,5
Quantity of Nozzles	3
Water Usage (l/h)	0-19
Vertical Angle (°)	0-60
Oscillation Angle (°)	No
Electricity	110V/230V
Supply Connection	1"
Supply Pressure (Bar)	1
Dimensions LxBxH (mm.)	30x20x40
Weight (kg.)	4,5



## APPLICATION AREAS

DEMOLITION - CONCRETE PRODUCTION PLANTS - RECYCLING SITES & PLANTS - ENVIRONMENTAL SITES; SOIL REMEDIATION - STEEL/SLAG HANDLING SITES & PLANTS - WOOD/ALUMINUM PROCESSING PLANTS - FIREFIGHTING - THE SPRAYCANNONS ARE ALSO USED FOR COOLING DOWN BULK MATERIALS, MACHINES AND PERSONS.

**WE BEAT ODOUR AND DUST!**



# SPRAYCANNON 15

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## TECHNICAL SPECIFICATIONS

Usage	Indoor/Outdoor
Distance (m)	10-20 (windstill cond.)
Surface (m <sup>2</sup> )	40
Quantity of Nozzles	9
Water Usage (l/h)	1-200
Fan (kW)	0,28
Pump (kW)	No
Working Pressure (Bar)	-
Vertical Angle (°)	0-90
Oscillation Angle (°)	No
Electricity	110V/230V
Supply Connection	1"
Supply Pressure (Bar)	1-9
Dimensions LxBxH (mm.)	550x440x730
Weight (kg.)	18



## APPLICATION AREAS

DEMOLITION - CONCRETE PRODUCTION PLANTS - RECYCLING SITES & PLANTS - ENVIRONMENTAL SITES; SOIL REMEDIATION - STEEL/SLAG HANDLING SITES & PLANTS - WOOD/ALUMINUM PROCESSING PLANTS - FIREFIGHTING - THE SPRAYCANNONS ARE ALSO USED FOR COOLING DOWN BULK MATERIALS, MACHINES AND PERSONS.

## STANDARD EQUIPPED WITH

- ✓ Fan Speed regulation
- ✓ Water Flow regulation

# WE BEAT ODOUR AND DUST!

# SPRAYCANNON 25



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## TECHNICAL SPECIFICATIONS

Usage	Indoor/Outdoor
Distance (m)	15-25 (windstill cond.)
Surface (m <sup>2</sup> )	70
Quantity of Nozzles	12
Water Usage (l/h)	1-300
Fan (kW)	1,5
Pump (kW)	0,75
Working Pressure (Bar)	40
Vertical Angle (°)	-15 to 60
Oscillation Angle (°)	No
Electricity	110/230V
Socket	16A
Supply Connection	1"
Supply Pressure (Bar)	1-9
Dimensions LxBxH (mm.)	950x800x1100
Weight (kg.)	100



### APPLICATION AREAS

DEMOLITION - CONCRETE PRODUCTION PLANTS - RECYCLING SITES & PLANTS - ENVIRONMENTAL SITES; SOIL REMEDIATION - STEEL/SLAG HANDLING SITES & PLANTS - WOOD/ALUMINUM PROCESSING PLANTS - FIREFIGHTING - THE SPRAYCANNONS ARE ALSO USED FOR COOLING DOWN BULK MATERIALS, MACHINES AND PERSONS.

### AVAILABLE OPTIONS

- ✓ Fan Speed regulation

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# SPRAYCANNON 35

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## TECHNICAL SPECIFICATIONS

Usage	Outdoor
Distance (m)	20-35 (windstill cond.)
Surface (m <sup>2</sup> )	3400
Quantity of Nozzles	16
Water Usage (l/h)	1-1000
Fan (kW)	2,2
Pump (kW)	1,5
Working Pressure (Bar)	40
Vertical Angle (°)	-15 to 60
Oscillation Angle (°)	0-320
Electricity	110/230V
Socket	16A
Supply Connection	1"
Supply Pressure (Bar)	1-9
Dimensions LxBxH (mm.)	1300x900x1300
Weight (kg.)	230

### APPLICATION AREAS

DEMOLITION - CONCRETE PRODUCTION PLANTS - RECYCLING SITES & PLANTS - ENVIRONMENTAL SITES; SOIL REMEDIATION - STEEL/SLAG HANDLING SITES & PLANTS - WOOD/ALUMINUM PROCESSING PLANTS - FIREFIGHTING - THE SPRAYCANNONS ARE ALSO USED FOR COOLING DOWN BULK MATERIALS, MACHINES AND PERSONS.



## AVAILABLE OPTIONS

- ✓ Electrical Oscillation
- ✓ Electrical Elevation
- ✓ Fan Speed regulation
- ✓ Water Flow regulation
- ✓ Remote Control
- ✓ UV-installation
- ✓ Wheel Set
- ✓ Skid-mounted including generator
- ✓ Self-Supporting including water bowser and generator

# WE BEAT ODOUR AND DUST!

# SPRAYCANNON 40



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## TECHNICAL SPECIFICATIONS

Usage	Indoor/Outdoor
Distance (m)	25-40 (windstill cond.)
Surface (m <sup>2</sup> )	4400
Quantity of Nozzles	16
Water Usage (l/h)	1-1000
Fan (kW)	3
Pump (kW)	1,5
Working Pressure (Bar)	40
Vertical Angle (°)	-15 to 60
Oscillation Angle (°)	0-320
Electricity	400V
Socket	16A
Supply Connection	1"
Supply Pressure (Bar)	1-9
Dimensions LxBxH (mm.)	1300x900x1300
Weight (kg.)	240



## AVAILABLE OPTIONS

- ✓ Electrical Oscillation
- ✓ Electrical Elevation
- ✓ Fan Speed regulation
- ✓ Water Flow regulation
- ✓ Remote Control
- ✓ UV-installation
- ✓ Wheel Set
- ✓ Skid-mounted including generator
- ✓ Self-Supporting including water bowser and generator

### APPLICATION AREAS

DEMOLITION - CONCRETE PRODUCTION PLANTS - RECYCLING SITES & PLANTS - ENVIRONMENTAL SITES; SOIL REMEDIATION - STEEL/SLAG HANDLING SITES & PLANTS - WOOD/ALUMINUM PROCESSING PLANTS - FIREFIGHTING - THE SPRAYCANNONS ARE ALSO USED FOR COOLING DOWN BULK MATERIALS, MACHINES AND PERSONS.

# WE BEAT ODOUR AND DUST!



# SPRAYCANNON 50

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## TECHNICAL SPECIFICATIONS

Usage	Outdoor
Distance (m)	30-50 (windstill cond.)
Surface (m <sup>2</sup> )	7.000
Quantity of Nozzles	26
Water Usage (l/h)	500-3.500
Fan (kW)	5,5
Pump (kW)	2,2/4/5,5
Working Pressure (Bar)	20-25
Vertical Angle (°)	-15 to 60
Oscillation Angle (°)	0-320
Electricity	400V
Socket	32A
Supply Connection	2"
Supply Pressure (Bar)	1-9
Dimensions LxBxH (mm.)	1850x1400x2050
Weight (kg.)	500

### APPLICATION AREAS

DEMOLITION - CONCRETE PRODUCTION PLANTS - RECYCLING SITES & PLANTS - ENVIRONMENTAL SITES; SOIL REMEDIATION - STEEL/SLAG HANDLING SITES & PLANTS - WOOD/ALUMINUM PROCESSING PLANTS - FIREFIGHTING - THE SPRAYCANNONS ARE ALSO USED FOR COOLING DOWN BULK MATERIALS, MACHINES AND PERSONS.



## AVAILABLE OPTIONS

- ✓ Electrical Oscillation
- ✓ Electrical Elevation
- ✓ Fan Speed regulation
- ✓ Water Flow regulation
- ✓ Remote Control
- ✓ UV-installation
- ✓ Wheel Set
- ✓ Skid-mounted including generator
- ✓ Self-Supporting including water bowser and generator

# WE BEAT ODOUR AND DUST!

## TECHNICAL SPECIFICATIONS

Usage	Outdoor
Distance (m)	40-60 (windstill cond.)
Surface (m <sup>2</sup> )	10.000
Quantity of Nozzles	34
Water Usage (l/h)	500-3.500/4.500
Fan (kW)	7,5
Pump (kW)	4/5,5
Working Pressure (Bar)	20-25
Vertical Angle (°)	-15 to 60
Oscillation Angle (°)	0-320
Electricity	400V
Socket	32A
Supply Connection	2"
Supply Pressure (Bar)	1-9
Dimensions LxBxH (mm.)	1850x1400x2200
Weight (kg.)	615



## AVAILABLE OPTIONS

- ✓ Electrical Oscillation
- ✓ Electrical Elevation
- ✓ Fan Speed regulation
- ✓ Water Flow regulation
- ✓ Remote Control
- ✓ UV-installation
- ✓ Wheel Set
- ✓ Skid-mounted including generator
- ✓ Self-Supporting including water bowser and generator

### APPLICATION AREAS

DEMOLITION - CONCRETE PRODUCTION PLANTS - RECYCLING SITES & PLANTS - ENVIRONMENTAL SITES; SOIL REMEDIATION - STEEL/SLAG HANDLING SITES & PLANTS - WOOD/ALUMINUM PROCESSING PLANTS - FIREFIGHTING - THE SPRAYCANNONS ARE ALSO USED FOR COOLING DOWN BULK MATERIALS, MACHINES AND PERSONS.



# SPRAYCANNON 75

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## TECHNICAL SPECIFICATIONS

Usage	Outdoor
Distance (m)	50-75 (windstill cond.)
Surface (m <sup>2</sup> )	15.000
Quantity of Nozzles	34
Water Usage (l/h)	500-3.500/4.500
Fan (kW)	18,5
Pump (kW)	4/5,5
Working Pressure (Bar)	20-25
Vertical Angle (°)	-15 to 60
Oscillation Angle (°)	0-320
Electricity	400V
Socket	63A
Supply Connection	2"
Supply Pressure (Bar)	1-9
Dimensions LxBxH (mm.)	1850x1400x2200
Weight (kg.)	650

### APPLICATION AREAS

DEMOLITION - CONCRETE PRODUCTION PLANTS - RECYCLING SITES & PLANTS - ENVIRONMENTAL SITES; SOIL REMEDIATION - STEEL/SLAG HANDLING SITES & PLANTS - WOOD/ALUMINUM PROCESSING PLANTS - FIREFIGHTING - THE SPRAYCANNONS ARE ALSO USED FOR COOLING DOWN BULK MATERIALS, MACHINES AND PERSONS.



## AVAILABLE OPTIONS

- ✓ Electrical Oscillation
- ✓ Electrical Elevation
- ✓ Fan Speed regulation
- ✓ Water Flow regulation
- ✓ Remote Control
- ✓ UV-installation
- ✓ Wheel Set
- ✓ Skid-mounted including generator
- ✓ Self-Supporting including water bowser and generator

# WE BEAT ODOUR AND DUST!



# SPRAYCANNON 90



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## TECHNICAL SPECIFICATIONS

Usage	Outdoor
Distance (m)	60-90 (windstill cond.)
Surface (m <sup>2</sup> )	22.000
Quantity of Nozzles	34
Water Usage (l/h)	500-3.500/4.500
Fan (kW)	18,5
Pump (kW)	4/5,5
Working Pressure (Bar)	20-25
Vertical Angle (°)	-15 to 60
Oscillation Angle (°)	0-320
Electricity	400V
Socket	63A
Supply Connection	2"
Supply Pressure (Bar)	1-9
Dimensions LxBxH (mm.)	1850x1400x2300
Weight (kg.)	700



## AVAILABLE OPTIONS

- ✓ Electrical Oscillation
- ✓ Electrical Elevation
- ✓ Fan Speed regulation
- ✓ Water Flow regulation
- ✓ Remote Control
- ✓ UV-installation
- ✓ Wheel Set
- ✓ Skid-mounted including generator
- ✓ Self-Supporting including water bowser and generator

### APPLICATION AREAS

DEMOLITION - CONCRETE PRODUCTION PLANTS - RECYCLING SITES & PLANTS - ENVIRONMENTAL SITES; SOIL REMEDIATION - STEEL/SLAG HANDLING SITES & PLANTS - WOOD/ALUMINUM PROCESSING PLANTS - FIREFIGHTING - THE SPRAYCANNONS ARE ALSO USED FOR COOLING DOWN BULK MATERIALS, MACHINES AND PERSONS.

# WE BEAT ODOUR AND DUST!



# SPRAYCANNON 100

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## TECHNICAL SPECIFICATIONS

Usage	Outdoor
Distance (m)	70-100 (windstill cond.)
Surface (m <sup>2</sup> )	27.500
Quantity of Nozzles	34
Water Usage (l/h)	500-3.500/4.500/9.000
Fan (kW)	22
Pump (kW)	4/5,5/7,5
Working Pressure (Bar)	20-25
Vertical Angle (°)	-15 to 60
Oscillation Angle (°)	0-320
Electricity	400V
Socket	63A
Supply Connection	2"
Supply Pressure (Bar)	1-9
Dimensions LxBxH (mm.)	1850x1400x2300
Weight (kg.)	750



## AVAILABLE OPTIONS

- ✓ Electrical Oscillation
- ✓ Electrical Elevation
- ✓ Fan Speed regulation
- ✓ Water Flow regulation
- ✓ Remote Control
- ✓ UV-installation
- ✓ Wheel Set
- ✓ Skid-mounted including generator
- ✓ Self-Supporting including water bowser and generator

### APPLICATION AREAS

DEMOLITION - CONCRETE PRODUCTION PLANTS - RECYCLING SITES & PLANTS - ENVIRONMENTAL SITES; SOIL REMEDIATION - STEEL/SLAG HANDLING SITES & PLANTS - WOOD/ALUMINUM PROCESSING PLANTS - FIREFIGHTING - THE SPRAYCANNONS ARE ALSO USED FOR COOLING DOWN BULK MATERIALS, MACHINES AND PERSONS.

# WE BEAT ODOUR AND DUST!

# SPRAYCANNON 130



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## TECHNICAL SPECIFICATIONS

Usage	Outdoor
Distance (m)	110-130 (windstill cond.)
Surface (m <sup>2</sup> )	48.000
Quantity of Nozzles	68
Water Usage (l/h)	500-15.000
Fan (kW)	30
Pump (kW)	11
Working Pressure (Bar)	20-25
Vertical Angle (°)	0 to 60
Oscillation Angle (°)	0-320
Electricity	400V
Socket	125A
Supply Connection	2"
Supply Pressure (Bar)	1-9
Dimensions LxBxH (mm.)	2500x2000x2570
Weight (kg.)	1100



## AVAILABLE OPTIONS

- ✓ Electrical Oscillation
- ✓ Electrical Elevation
- ✓ Fan Speed regulation
- ✓ Water Flow regulation
- ✓ Remote Control
- ✓ UV-installation
- ✓ Wheel Set
- ✓ Skid-mounted including generator

### APPLICATION AREAS

DEMOLITION - CONCRETE PRODUCTION PLANTS - RECYCLING SITES & PLANTS - ENVIRONMENTAL SITES; SOIL REMEDIATION - STEEL/SLAG HANDLING SITES & PLANTS - WOOD/ALUMINUM PROCESSING PLANTS - FIREFIGHTING - THE SPRAYCANNONS ARE ALSO USED FOR COOLING DOWN BULK MATERIALS, MACHINES AND PERSONS.

# WE BEAT ODOUR AND DUST!



# SPRAYCANNON 150

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## TECHNICAL SPECIFICATIONS

Usage	Outdoor
Distance (m)	120-150 (windstill cond.)
Surface (m <sup>2</sup> )	60.000
Quantity of Nozzles	68
Water Usage (l/h)	500-15.000
Fan (kW)	45
Pump (kW)	11
Working Pressure (Bar)	20-25
Vertical Angle (°)	0 to 60
Oscillation Angle (°)	0-320
Electricity	400V
Socket	125A
Supply Connection	2"
Supply Pressure (Bar)	1-9
Dimensions LxBxH (mm.)	2500x2000x2570
Weight (kg.)	1200

### APPLICATION AREAS

DEMOLITION - CONCRETE PRODUCTION PLANTS - RECYCLING SITES & PLANTS - ENVIRONMENTAL SITES; SOIL REMEDIATION - STEEL/SLAG HANDLING SITES & PLANTS - WOOD/ALUMINUM PROCESSING PLANTS - FIREFIGHTING - THE SPRAYCANNONS ARE ALSO USED FOR COOLING DOWN BULK MATERIALS, MACHINES AND PERSONS.



## AVAILABLE OPTIONS

- ✓ Electrical Oscillation
- ✓ Electrical Elevation
- ✓ Fan Speed regulation
- ✓ Water Flow regulation
- ✓ Remote Control
- ✓ UV-installation
- ✓ Wheel Set
- ✓ Skid-mounted including generator

# WE BEAT ODOUR AND DUST!



# SPRAYCANNON SELF SUPPORTING SERIES

## FINE DUST EMISSIONS ARE HAZARDOUS.

For years, MB Dustcontrol has been manufacturing the SprayCannon Series. We are continuously innovating and extending the series in order to optimize the suppression of dust emissions in the most effective and efficient way.

Our proven system consists of binding the emitted dust particles with droplets of water (fog) after which they quickly fall to the ground by gravity.

We work closely with our customers to find the right solution for each job, because we believe that every dust problem is unique.



## THE SELF-SUPPORTING SPRAYCANNON SERIES:

- ✓ SPRAYCANNON 25 SS
- ✓ SPRAYCANNON 40 SS
- ✓ SPRAYCANNON 40 SS-M
- ✓ SPRAYCANNON 50 SS
- ✓ SPRAYCANNON 60 SS
- ✓ SPRAYCANNON 40 - 100 SS HD



# SPRAYCANNON 25SS

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INFO@MB-DUSTCONTROL.COM  
WWW.SPRAYCANNON.COM

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## TECHNICAL SPECIFICATIONS

Usage	Outdoor
Distance (m)	15-25 (windstill cond.)
Surface (m <sup>2</sup> )	70
Quantity of Nozzles	12
Water Usage (l/h)	1-300
Water Bowser (l)	1150
Fan (kW)	1,5
Pump (kW)	0,75
Working Pressure (Bar)	40
Vertical Angle (°)	-15 to 60
Horizontal Angle (°)	359 (manually)
Generator (kVA)	4 (petrol)
Trailer	2 axled / public road
Dimensions LxBxH (mm.)	3200x1700x2000



## APPLICATION AREAS

DEMOLITION - CONCRETE PRODUCTION PLANTS - RECYCLING SITES & PLANTS - ENVIRONMENTAL SITES; SOIL REMEDIATION - STEEL/SLAG HANDLING SITES & PLANTS - WOOD/ALUMINUM PROCESSING PLANTS - FIREFIGHTING - THE SPRAYCANNONS ARE ALSO USED FOR COOLING DOWN BULK MATERIALS, MACHINES AND PERSONS.

## AVAILABLE OPTIONS

- ✓ Fan Speed regulation
- ✓ Road Watering
- ✓ UV installation

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## TECHNICAL SPECIFICATIONS

Usage	Outdoor
Distance (m)	25-40 (windstill cond.)
Surface (m <sup>2</sup> )	4400
Quantity of Nozzles	16
Water Usage (l/h)	1-1000
Water Bowser	2.000-5.000
Fan (kW)	3
Pump (kW)	1,5
Working Pressure (Bar)	40
Vertical Angle (°)	-15 to 60
Oscillation Angle (°)	0-320
Generator (kVA)	8 (Diesel)
Skid	Powder Coated Steel
Dimensions LxBxH (mm.)	3500x1350x1500



## AVAILABLE OPTIONS

- ✓ Electrical Oscillation
- ✓ Electrical Elevation
- ✓ Fan Speed regulation
- ✓ Water Flow regulation
- ✓ Remote Control
- ✓ UV installation
- ✓ Trailer

### APPLICATION AREAS

DEMOLITION - CONCRETE PRODUCTION PLANTS - RECYCLING SITES & PLANTS - ENVIRONMENTAL SITES; SOIL REMEDIATION - STEEL/SLAG HANDLING SITES & PLANTS - WOOD/ALUMINUM PROCESSING PLANTS - FIREFIGHTING - THE SPRAYCANNONS ARE ALSO USED FOR COOLING DOWN BULK MATERIALS, MACHINES AND PERSONS.



# SPRAYCANNON 40 SS-M

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## TECHNICAL SPECIFICATIONS

Usage	Outdoor
Distance (m)	25-40 (windstill cond.)
Surface (m <sup>2</sup> )	4400
Quantity of Nozzles	16
Mast (Hydraulic/SS)	4 m. high
Water Usage (l/h)	1-1000
Water Bowser	2.000-5.000
Fan (kW)	3
Pump (kW)	1,5
Working Pressure (Bar)	40
Vertical Angle (°)	-15 to 60
Oscillation Angle (°)	0-320
Generator (kVA)	8 (Diesel)
Skid	Powder Coated Steel
Dimensions LxBxH (mm.)	3500x1350x2500

### APPLICATION AREAS

DEMOLITION - CONCRETE PRODUCTION PLANTS - RECYCLING SITES & PLANTS - ENVIRONMENTAL SITES; SOIL REMEDIATION - STEEL/SLAG HANDLING SITES & PLANTS - WOOD/ALUMINUM PROCESSING PLANTS - FIREFIGHTING - THE SPRAYCANNONS ARE ALSO USED FOR COOLING DOWN BULK MATERIALS, MACHINES AND PERSONS.



## AVAILABLE OPTIONS

- ✓ Electrical Oscillation
- ✓ Fan Speed regulation
- ✓ Water Flow regulation
- ✓ Remote Control
- ✓ UV installation
- ✓ Trailer

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# SPRAYCANNON 50 SS



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## TECHNICAL SPECIFICATIONS

Usage	Outdoor
Distance (m)	30-50 (windstill cond.)
Surface (m <sup>2</sup> )	7.000
Quantity of Nozzles	26
Water Usage (l/h)	500-3.000
Water Bowser (l)	2.000
Fan (kW)	5,5
Pump (kW)	2,2
Working Pressure (Bar)	20-25
Vertical Angle (°)	-15 to 60
Oscillation Angle (°)	0-320
Generator (kVA)	18 (Diesel)
Skid	Powder Coated Steel
Dimensions LxBxH (mm.)	2500x1500x2800

### APPLICATION AREAS

DEMOLITION - CONCRETE PRODUCTION PLANTS - RECYCLING SITES & PLANTS - ENVIRONMENTAL SITES; SOIL REMEDIATION - STEEL/SLAG HANDLING SITES & PLANTS - WOOD/ALUMINUM PROCESSING PLANTS - FIREFIGHTING - THE SPRAYCANNONS ARE ALSO USED FOR COOLING DOWN BULK MATERIALS, MACHINES AND PERSONS.



## AVAILABLE OPTIONS

- ✓ Electrical Oscillation
- ✓ Electrical Elevation
- ✓ Fan Speed regulation
- ✓ Remote Control
- ✓ UV installation
- ✓ Wheel set
- ✓ Trailer

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# SPRAYCANNON 60 SS

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## TECHNICAL SPECIFICATIONS

Usage	Outdoor
Distance (m)	40-60 (windstill cond.)
Surface (m <sup>2</sup> )	10.000
Quantity of Nozzles	34
Water Usage (l/h)	500-3.500
Water Bowser (l)	2.000
Fan (kW)	7,5
Pump (kW)	4
Working Pressure (Bar)	20-25
Vertical Angle (°)	-15 to 60
Oscillation Angle (°)	0-320
Generator (kVA)	20 (Diesel)
Skid	Powder Coated Steel
Dimensions LxBxH (mm.)	3250x1950x2700

### APPLICATION AREAS

DEMOLITION - CONCRETE PRODUCTION PLANTS - RECYCLING SITES & PLANTS - ENVIRONMENTAL SITES; SOIL REMEDIATION - STEEL/SLAG HANDLING SITES & PLANTS - WOOD/ALUMINUM PROCESSING PLANTS - FIREFIGHTING - THE SPRAYCANNONS ARE ALSO USED FOR COOLING DOWN BULK MATERIALS, MACHINES AND PERSONS.



## AVAILABLE OPTIONS

- ✓ Electrical Oscillation
- ✓ Electrical Elevation
- ✓ Fan Speed regulation
- ✓ Remote Control
- ✓ UV installation
- ✓ Wheel set
- ✓ Trailer

**WE BEAT ODOUR AND DUST!**

# SPRAYCANNON 40-100 SS HEAVY DUTY



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## TECHNICAL SPECIFICATIONS

Usage	Outdoor
Available Models	SC40/50/60/75/90/100
Available Gensets	8-60 kVA
Water Bowser (l)	10.000 – 18.000

## AVAILABLE OPTIONS

✓ Electrical Oscillation
✓ Electrical Elevation
✓ Fan Speed regulation
✓ Water Flow regulation
✓ Remote Control
✓ UV installation
✓ Vacuüm Pump



## APPLICATION AREAS

DEMOLITION - CONCRETE PRODUCTION PLANTS - RECYCLING SITES & PLANTS - ENVIRONMENTAL SITES; SOIL REMEDIATION - STEEL/SLAG HANDLING SITES & PLANTS - WOOD/ALUMINUM PROCESSING PLANTS - FIREFIGHTING - THE SPRAYCANNONS ARE ALSO USED FOR COOLING DOWN BULK MATERIALS, MACHINES AND PERSONS.

# WE BEAT ODOUR AND DUST!



# SKID MOUNTED SPRAYCANNON SERIES

## FINE DUST EMISSIONS ARE HAZARDOUS.

For years, MB Dustcontrol has been manufacturing the SprayCannon Series. We are continuously innovating and extending the series in order to optimize the suppression of dust emissions in the most effective and efficient way.

Our proven system consists of binding the emitted dust particles with droplets of water (fog) after which they quickly fall to the ground by gravity.

Because we believe that every dust problem is unique, we work closely with our customers to find the right solution for each job.



## THE SKID-MOUNTED SPRAYCANNON SERIES:

- ✓ SPRAYCANNON 40 SKID
- ✓ SPRAYCANNON 50 SKID
- ✓ SPRAYCANNON 60 SKID
- ✓ SPRAYCANNON 75 SKID
- ✓ SPRAYCANNON 90 SKID
- ✓ SPRAYCANNON 100 SKID

# SPRAYCANNON 40-100 SKID



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## TECHNICAL SPECIFICATIONS

Usage	Outdoor
Available Models	SC40/50/60/75/90/100
Available Gensets	8-60 kVA
Skid	Powder Coated Steel

## AVAILABLE OPTIONS

✓ Electrical Oscillation
✓ Electrical Elevation
✓ Fan Speed regulation
✓ Water Flow regulation
✓ Remote Control
✓ UV installation
✓ Trailer



## APPLICATION AREAS

DEMOLITION - CONCRETE PRODUCTION PLANTS - RECYCLING SITES & PLANTS - ENVIRONMENTAL SITES; SOIL REMEDIATION - STEEL/SLAG HANDLING SITES & PLANTS - WOOD/ALUMINUM PROCESSING PLANTS - FIREFIGHTING - THE SPRAYCANNONS ARE ALSO USED FOR COOLING DOWN BULK MATERIALS, MACHINES AND PERSONS.

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# WALL MOUNTED SPRAYCANNON SERIES

## **FINE DUST EMISSIONS ARE HAZARDOUS.**

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Our proven system consists of binding the emitted dust particles with droplets of water (fog) after which they quickly fall to the ground by gravity.

Because we believe that every dust problem is unique, we work closely with our customers to find the right solution for each job.



## **THE WALL-MOUNTED SPRAYCANNON SERIES:**

- ✓ SPRAYCANNON 15-W
- ✓ SPRAYCANNON 25-W
- ✓ SPRAYCANNON 40-W

# SPRAYCANNON 15/25/40-W



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## TECHNICAL SPECIFICATIONS

Usage	Indoor/Outdoor
Available Models	SC15/25/40
Bracket	Powder Coated Aluminum

## AVAILABLE OPTIONS

- ✓ Electrical Elevation
- ✓ Fan Speed regulation
- ✓ Water Flow regulation
- ✓ Remote Control
- ✓ UV installation
- ✓ Electrical horizontal oscillation

## APPLICATION AREAS

DEMOLITION - CONCRETE PRODUCTION PLANTS - RECYCLING SITES & PLANTS - ENVIRONMENTAL SITES; SOIL REMEDIATION - STEEL/SLAG HANDLING SITES & PLANTS - WOOD/ALUMINUM PROCESSING PLANTS - FIREFIGHTING - THE SPRAYCANNONS ARE ALSO USED FOR COOLING DOWN BULK MATERIALS, MACHINES AND PERSONS.



# WE BEAT ODOUR AND DUST!



# MAST SPRAYCANNON SERIES

## FINE DUST EMISSIONS ARE HAZARDOUS.

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Our proven system consists of binding the emitted dust particles with droplets of water (fog) after which they quickly fall to the ground by gravity.

Because we believe that every dust problem is unique, we work closely with our customers to find the right solution for each job.



## THE MAST SPRAYCANNON SERIES:

- ✓ SPRAYCANNON 40-M
- ✓ SPRAYCANNON 50-M
- ✓ SPRAYCANNON 60-M



# SPRAYCANNON 40/50/60-M



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## TECHNICAL SPECIFICATIONS

Usage	Indoor/Outdoor
Available Models	SC40/50/60
Mast (Hydraulic)	4 m. high (stainless steel)

## AVAILABLE OPTIONS

- ✓ Fan Speed regulation
- ✓ Water Flow regulation
- ✓ Remote Control
- ✓ UV installation
- ✓ Electrical horizontal oscillation

## APPLICATION AREAS

DEMOLITION - CONCRETE PRODUCTION PLANTS - RECYCLING SITES & PLANTS - ENVIRONMENTAL SITES; SOIL REMEDIATION - STEEL/SLAG HANDLING SITES & PLANTS - WOOD/ALUMINUM PROCESSING PLANTS - FIREFIGHTING - THE SPRAYCANNONS ARE ALSO USED FOR COOLING DOWN BULK MATERIALS, MACHINES AND PERSONS.



**WE BEAT ODOUR AND DUST!**



## AREA DUST & ODOUR SUPPRESSION

When it proves impossible, or when there is simply too much dust in an area to fight it directly at the source, an excellent alternative is the hall atomization.

A high-grade network of stainless steel pipelines will be installed at the top of your hall, which will be equipped with specially created high pressure nozzles. By increasing the water pressure up to 70 bars we will create an extremely delicate screen of fog. Any floating dust particles will clot to these droplets of water and will fall down to the ground.

An additional advantage of this is that any droplets of water that remain unaffected due to a lack of dust will quickly evaporate.

This will set a higher level of humidity, and will cause relatively less dust to be released from any source creating it.

# AREA DUST & ODOUR SUPPRESSION



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## TECHNICAL SPECIFICATIONS

Usage	Indoor/Outdoor
Stainless Steel piping	Yes
Stainless Steel Nozzles	Yes
Working Pressure (Bar)	70
Supply Pressure (Bar)	3-4



## AVAILABLE OPTIONS

✓ Heat tracing
✓ Water Flow regulation
✓ Remote Control
✓ UV installation
✓ More Sections



## APPLICATION AREAS

DEMOLITION - CONCRETE PRODUCTION PLANTS - RECYCLING SITES & PLANTS - ENVIRONMENTAL SITES; SOIL REMEDIATION - STEEL/SLAG HANDLING SITES & PLANTS - WOOD/ALUMINUM PROCESSING PLANTS - FIREFIGHTING - THE SPRAYCANNONS ARE ALSO USED FOR COOLING DOWN BULK MATERIALS, MACHINES AND PERSONS.



# WE BEAT ODOUR AND DUST!



# TIP DUST SUPPRESSION



## TIP DUST SUPPRESSION SYSTEM ON BOOM OR TOOL

MB Dustcontrol also provides the possibility to mount high pressure dust suppression systems on various tools, machines or booms. A high pressure system mounted on a boom or tool will be a very complementary solution to a SprayCannon. In this way we try to achieve the 100% suppression of dust, for example at demolition sites.

Mounting the nozzles, the hydraulic valve and water tank onto the excavator, loader, crusher, pulverizers, breakers, drills, grapples, mobile crushers etc. will do the job, and in this way you will be able to suppress the dust at the dust emission source.

# TIP DUST SUPPRESSION



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## TECHNICAL SPECIFICATIONS

Pump	HPW
Hydraulic priority control pump	Yes
HP SS Dust Suppression Nozzles	4
Working Pressure (Bar)	120-140
Water usage (l/min)	5-30
Dimensions Pump (mm)	250x160x170
Weight Pump (kg)	19
Hydraulic Input Flow (l/min)	0-45
Hydraulic Input Pressure (Bar)	130-160



## AVAILABLE OPTIONS

- ✓ Washing Pistol including 10 m. pressure hose

### APPLICATION AREAS

DEMOLITION - CONCRETE PRODUCTION PLANTS - RECYCLING SITES & PLANTS - ENVIRONMENTAL SITES; SOIL REMEDIATION - STEEL/SLAG HANDLING SITES & PLANTS - WOOD/ALUMINUM PROCESSING PLANTS - FIREFIGHTING - THE SPRAYCANNONS ARE ALSO USED FOR COOLING DOWN BULK MATERIALS, MACHINES AND PERSONS.



# WE BEAT ODOUR AND DUST!



## SPRAYWALL NM20

MB Dustcontrol produces SprayWall hoses to weigh down dust particles and control dust emissions and fires.

A SprayWall hose consists of a 3" fire hose with special exchangeable nozzles and supports so the fog/spray can reach every nook and cranny. With a maximum pressure of 8 bar, we can throw a fog/spray wall (or ceiling) up to 10 meters high. The hoses are delivered in lengths of 20 meters and can be quickly connected to each other to maximize the range. The SprayWall NM20 is twenty meters long and includes 20 interchangeable nozzles .

The SprayWall is commonly used for contaminated dust at loading and unloading ships with bulk materials. By placing the hoses next to the hold of the ship you can create a "fog ceiling" out of which no dust can escape. The SprayWall is also being used for creating a wall of fog, in order to not give dust or fire a chance of being transferred from one place to a neighboring place.

# SPRAYWALL NM20



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## TECHNICAL SPECIFICATIONS

Diameter Hose (")	3
Length Hose (m)	20
Position block (manual)	4
End cap	Included
Nozzles	20
Filter in each nozzle	yes

## TECHNICAL SPECIFICATIONS

Nozzle	4 BAR		7 BAR	
	Distance	Flow	Distance	Flow
Orifice	m.	l/min.	m.	l/min.
0.5 mm.	7	0.31	10	0.4
0.9 mm.	7	0.91	10	1.2
1.4 mm.	7	2.3	10	3
1.9 mm.	7	4.1	10	5.4
2.8 mm.	7	9.1	10	12.1
3.9 mm.	7	18.2	10	24
5.2 mm.	7	32	10	42



### APPLICATION AREAS

DEMOLITION - CONCRETE PRODUCTION PLANTS - RECYCLING SITES & PLANTS - ENVIRONMENTAL SITES; SOIL REMEDIATION - STEEL/SLAG HANDLING SITES & PLANTS - WOOD/ALUMINUM PROCESSING PLANTS - FIREFIGHTING

**WE BEAT ODOUR AND DUST!**

# SPRAYCANNON, THE BEST DUST SUPPRESSION RESULT!



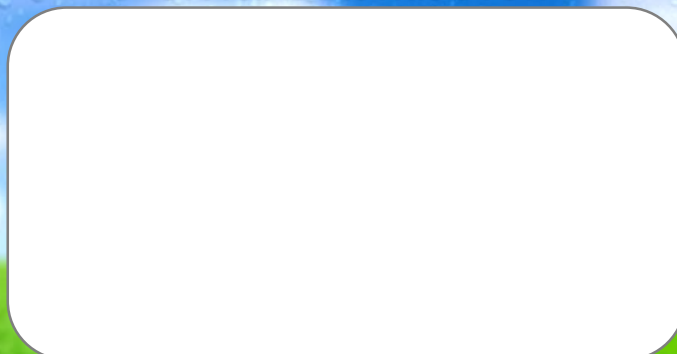
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