SPRAYCANNON









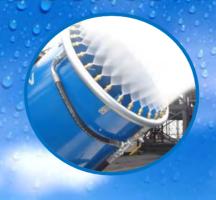






DUST & ODOUR SUPPRESSION

















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 by, 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 become 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 consist of all types of SprayCannon.



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PRODUCT SERIES

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

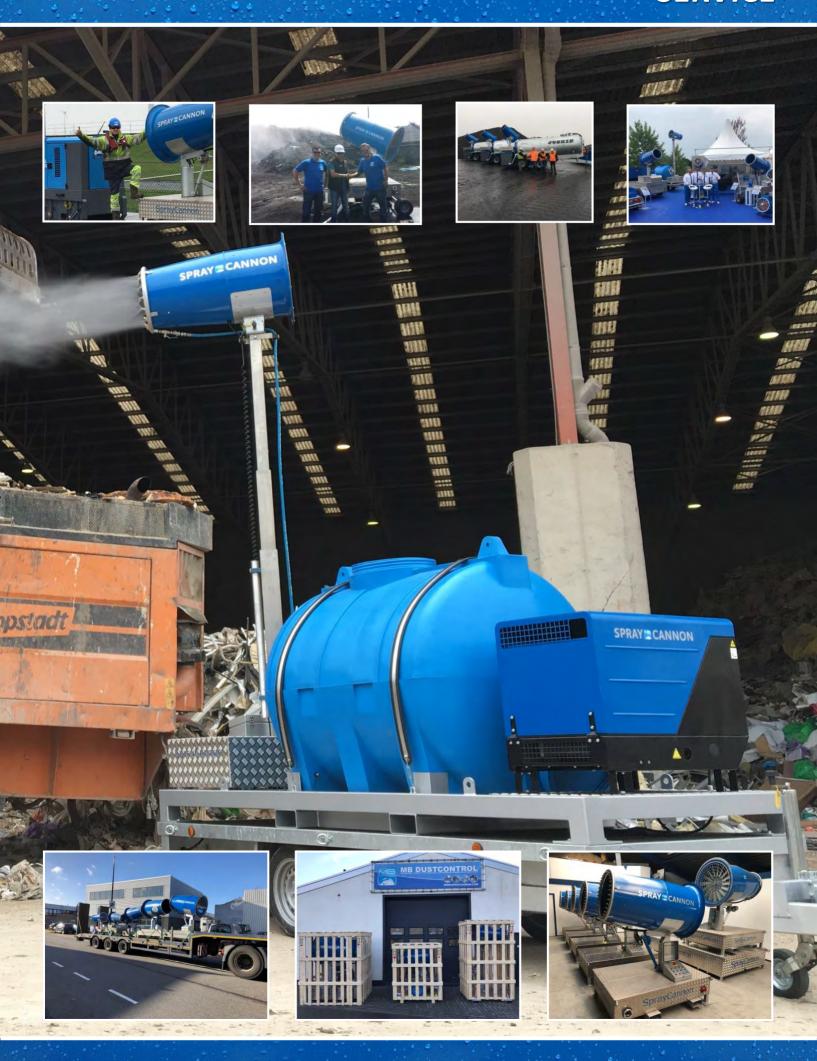
MB Dustcontrol also provides the possibility to mount high pressure dust suppression systems on various tools, machines or booms. A high pressure system mounted on a boom or tool will be a very complementary solution to a SprayCannon. In this way we try to achieve the 100% suppression of dust, for example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

ENGINEERING 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.

SERVICE







DUSTCONTROL

STAND ALONE SPRAYCANNON SERIES

SPRAYCANNONS

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SPRAYCANNON 5



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TECHNICAL SPECIFICATIONS	
Usage	Indoor
Distance (m)	5-10 (windstill cond.)
Surface (m²)	6,5
Quantity of Nozzles	3
Water Usage (I/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.





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TECHNICAL SPECIFICATIONS		
Usage	Indoor/Outdoor	
Distance (m)	10-20 (windstill cond.)	
Surface (m²)	40	
Quantity of Nozzles	9	
Water Usage (I/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



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TECHNICAL SPECIFICATIONS		
Usage	Indoor/Outdoor	
Distance (m)	15-25 (windstill cond.)	
Surface (m²)	70	
Quantity of Nozzles	12	
Water Usage (I/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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TECHNICAL SPECIFICATIONS Usage Outdoor Distance (m) 20-35 (windstill cond.) 3400 Surface (m²) **Quantity of Nozzles** 16 Water Usage (I/h) 1-1000 Fan (kW) 2,2 Pump (kW) 1,5 40 Working Pressure (Bar) -15 to 60 Vertical Angle (°) Oscillation Angle (°) 0-320 110/230V Electricity Socket 16A 1" **Supply Connection** 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.





- ✓ 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



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TECHNICAL SPECIFICATIONS

Usage	Indoor/Outdoor
Distance (m)	25-40 (windstill cond.)
Surface (m²)	4400
Quantity of Nozzles	16
Water Usage (I/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



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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TECHNICAL SPECIFICATIONS

Usage	Outdoor
Distance (m)	30-50 (windstill cond.)
Surface (m²)	7.000
Quantity of Nozzles	26
Water Usage (I/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.





- ✓ 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



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TECHNICAL SP	ECIFICATIONS
TO.	Outdoor

Usage	Outdoor
Distance (m)	40-60 (windstill cond.)
Surface (m²)	10.000
Quantity of Nozzles	34
Water Usage (I/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

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.





- **✓ 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





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TECHNICAL SPECIFICATIONS Usage Outdoor Distance (m) 50-75 (windstill cond.) 15.000 Surface (m²) **Quantity of Nozzles** 34 Water Usage (I/h) 500-3.500/4.500 Fan (kW) 18,5 Pump (kW) 4/5,5 20-25 Working Pressure (Bar) -15 to 60 Vertical Angle (°) Oscillation Angle (°) 0-320 400V Electricity Socket 63A 2" **Supply Connection** Supply Pressure (Bar) 1-9 Dimensions LxBxH (mm.) 1850x1400x2200

APPLICATION AREAS

Weight (kg.)

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.

650





- **✓** 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



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TECHNICAL SPECIFICATIONS

Usage	Outdoor
Distance (m)	60-90 (windstill cond.)
Surface (m²)	22.000
Quantity of Nozzles	34
Water Usage (I/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

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.





- **✓** 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





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TECHNICAL SPECIFICATIONS Outdoor Usage Distance (m) 70-100 (windstill cond.) 27.500 Surface (m²) **Quantity of Nozzles** 34 Water Usage (I/h) 500-3.500/4.500/9.000 Fan (kW) 22 4/5,5/7,5 Pump (kW) Working Pressure (Bar) 20-25 -15 to 60 Vertical Angle (°) 0-320 Oscillation Angle (°) 400V Electricity Socket 63A 2" **Supply Connection** Supply Pressure (Bar) 1-9 Dimensions LxBxH (mm.) 1850x1400x2300 Weight (kg.) 750

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.





- **✓ 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

SPRAYCANNON 130



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TECHNICAL SPECIFICATIONS	
Usage	Outdoor
Distance (m)	110-130 (windstill cond.)
Surface (m²)	48.000
Quantity of Nozzles	68
Water Usage (I/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

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.



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





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TECHNICAL SPECIFICATIONS		
Usage	Outdoor	
Distance (m)	120-150 (windstill cond.)	
Surface (m²)	60.000	
Quantity of Nozzles	68	
Water Usage (I/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.





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



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.







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TECHNICAL SPECIFICATIONS		
Usage	Outdoor	
Distance (m)	15-25 (windstill cond.)	
Surface (m²)	70	
Quantity of Nozzles	12	
Water Usage (I/h)	1-300	
Water Bowser (I)	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.



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

SPRAYCANNON 40 SS



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TECHNICAL SPECIFICATIONS	
Usage	Outdoor
Distance (m)	25-40 (windstill cond.)
Surface (m²)	4400
Quantity of Nozzles	16
Water Usage (I/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

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.



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





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TECHNICAL SPECIFICATIONS Usage Outdoor Distance (m) 25-40 (windstill cond.) Surface (m²) 4400 **Quantity of Nozzles** 16 Mast (Hydraulic/SS) 4 m. high Water Usage (I/h) 1-1000 Water Bowser 2.000-5.000 Fan (kW) 3 Pump (kW) 1,5 Working Pressure (Bar) 40 -15 to 60 Vertical Angle (°) Oscillation Angle (°) 0-320 Generator (kVA) 8 (Diesel) **Powder Coated Steel** Skid 3500x1350x2500 Dimensions LxBxH (mm.)

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.





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

SPRAYCANNON 50 SS



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TECHNICAL SPECIFICATIONS			
Usage	Outdoor		
Distance (m)	30-50 (windstill cond.)		
Surface (m²)	7.000		
Quantity of Nozzles	26		
Water Usage (I/h)	500-3.000		
Water Bowser (I)	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.





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





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TECHNICAL SPECIFICATIONS Usage Outdoor Distance (m) 40-60 (windstill cond.) 10.000 Surface (m²) **Quantity of Nozzles** 34 Water Usage (I/h) 500-3.500 Water Bowser (I) 2.000 Fan (kW) 7,5 Pump (kW) 4 20-25 Working Pressure (Bar) Vertical Angle (°) -15 to 60 0-320 Oscillation Angle (°) Generator (kVA) 20 (Diesel) Skid **Powder Coated Steel** 3250x1950x2700 Dimensions LxBxH (mm.)

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.





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

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 (I)	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.



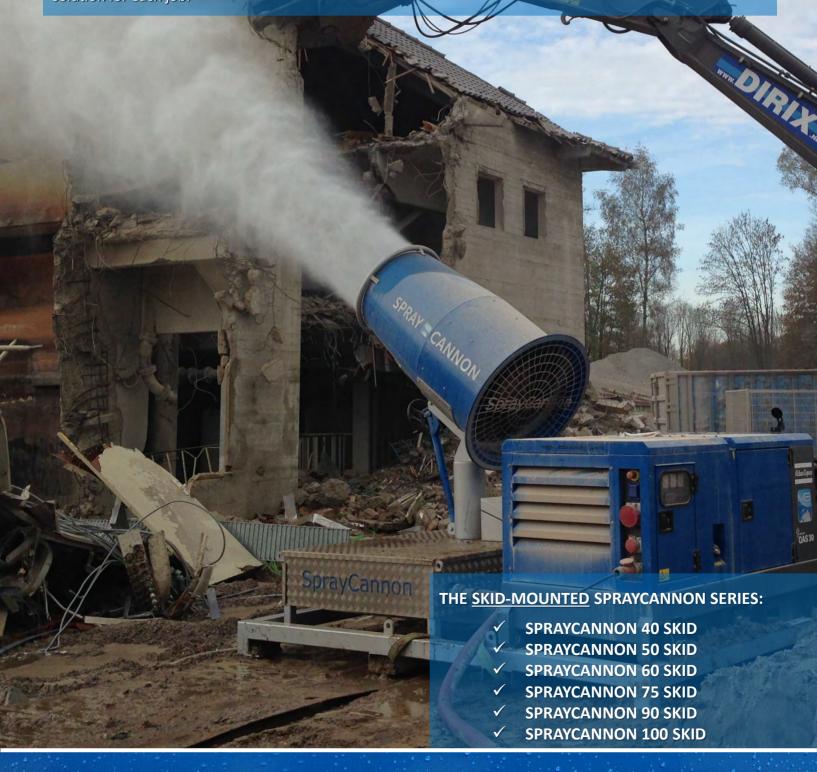
SKID MOUNTED SPRAYCANNON SERIES

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.



SPRAYCANNON 40-100 SKID



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TECHNICAL SPECIFICATIONS		
Usage	Outdoor	
Aavailable 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.



WALL MOUNTED SPRAYCANNON SERIES

FINE DUST EMISSIONS ARE HAZARDOUS.

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SPRAYCANNON 15/25/40-W



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TECHNICAL SPECIFICATIONS		
Usage	Indoor/Outdoor	
Aavailable 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.









DUSTCONTROL

MAST 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.



SPRAYCANNON 40/50/60-M



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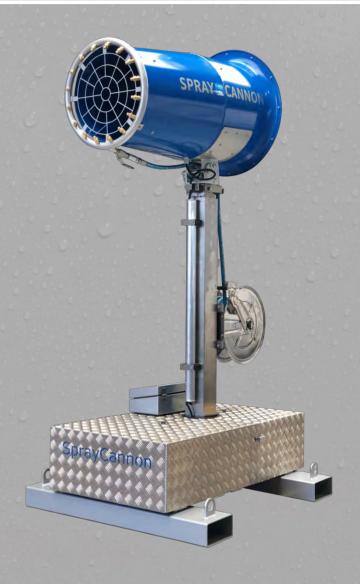
TECHNICAL SPECIFICATIONS		
Usage	Indoor/Outdoor	
Aavailable Models	SC40/50/60	
Mast (Hydraulic)	4 m. high (stainless steel)	

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.



AREA DUST SUPPRESSION

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.

4-1

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.







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

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

demolition sites.

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 (I/min)	5-30	
Dimensions Pump (mm)	250x160x170	
Weight Pump (kg)	19	
Hydraulic Input Flow (I/min)	0-45	
Hydraulic Input Pressure (Bar)	130-160	

AVAILABLE OPTIONS

√ Washing Pistol including 10 m. pressure hose

APPLICATION AREAS

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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.



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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	
Orifice	Distance	Flow	Distance	Flow
	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

SPRAYCANNON, THE BEST DUST SUPPRESSION RESULT!



MB DUSTCONTROL B.V.

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