

# SPRAYCANNON



## HIGH PRESSURE DUST SUPPRESSION



## WE BEAT THE DUST!

DUST CONTROL - ATOMIZATION - HUMIDIFICATION - CLIMATE CONTROL - FIRFIGHTING - SNOW MAKING



## THE RIGHT SOLUTION FOR EVERY DUST PROBLEM!

### MB DUSTCONTROL

Fine dust emissions are hazardous. For years, MB Dustcontrol has been manufacturing fog/misting solutions that optimally control dust and minimize the risks. Our proven system consists of weighing down the emitted dust particles by binding them with droplets of water so they quickly fall to the ground through gravity.

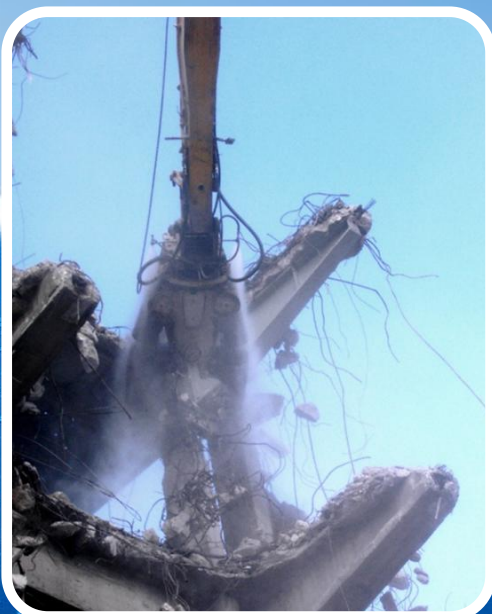
#### HP DUST SUPPRESSION SYSTEM ON BOOM OR TOOL

MB Dustcontrol also provides the possibility to mount high pressure dust suppression systems on various tools, machines or booms.

A high pressure system mounted a boom or tool will be a very complementary solution to a SprayCannon. In this way we try to achieve the 100% of suppressing 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...

## HIGH PRESSURE DUST SUPPRESSION...MINIMUM WATER USAGE A MAXIMUM OF DUST SUPPRESSION!



#### HP DUST SUPPRESSION BOOM KIT

- HPW Pump
- Hydraulic priority control valve
- HP SS Dust Suppression Nozzles
- Washing Pistol (incl. 10 m. Pr. hose)

#### TECHNICAL DETAILS

- Water Output Power: 120 - 140 Bar
- Water Usage: 5 - 30 L/min.
- Nozzles: 4 x SS Nozzles
- Dimensions Valve: 25x16x17 cm
- Weight Valve: 19 kg.
- Hydraulic Input Flow: 0 - 45 L/min.
- Hydraulic Input Press: 130 - 160 Bar



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### MB DUSTCONTROL

MB Dustcontrol specializes in the development and production of a full range of (mobile) SprayCannons. With or without trailer, water tank, or generator and from small to big. UV unit, remote control or frequency control are but a few of the available options.

MB Dustcontrol also provides indoor dust management solutions that can be mounted on a wall or ceiling, as well as solutions that can be used in open spaces.

### HP AREA DUST SUPPRESSION

The system works twofold. Because of dust particles being affected by extremely delicate atomized water droplets, the particles will clot together and gain weight. This will make them too heavy to stay airborne and will simply make them fall down. The droplets that are left unattached to dust particles will quickly evaporate. This will keep your machinery completely unaffected and dry and increases the humidity. In addition, another great advantage is that static electricity in the hall will be reduced, with the direct result of released dust being unable to stay floating in the area.

No single client has the same needs. We are more than happy to visit you to discuss how we can provide you with the best service possible.

## HP "AREA" DUST SUPPRESSION.....MAXIMUM DUST SUPPRESSION WITHOUT WETTING THE FLOOR!

### HOW DOES THE SYSTEM WORK?

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 stainless steel nozzles, optionally equipped with Tracing. In the Technical Area we will install the pump, operating board, filters, UV -installation and water treatment installation.

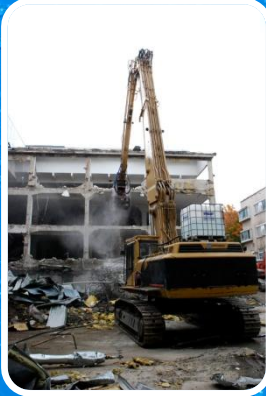
By increasing the water pressure to 70 bars we will be able to create an extremely delicate screen of fog. Any floating dust particles will clot to these droplets of water and will fall down to the ground.





**NO MORE HAZARDOUS DUST EMISSIONS !**

**HP DUST SUPPRESSION SYSTEM ON BOOM OR TOOL**



**HP "AREA" DUST SUPPRESSION**



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