



CLEAN UP THE AIR

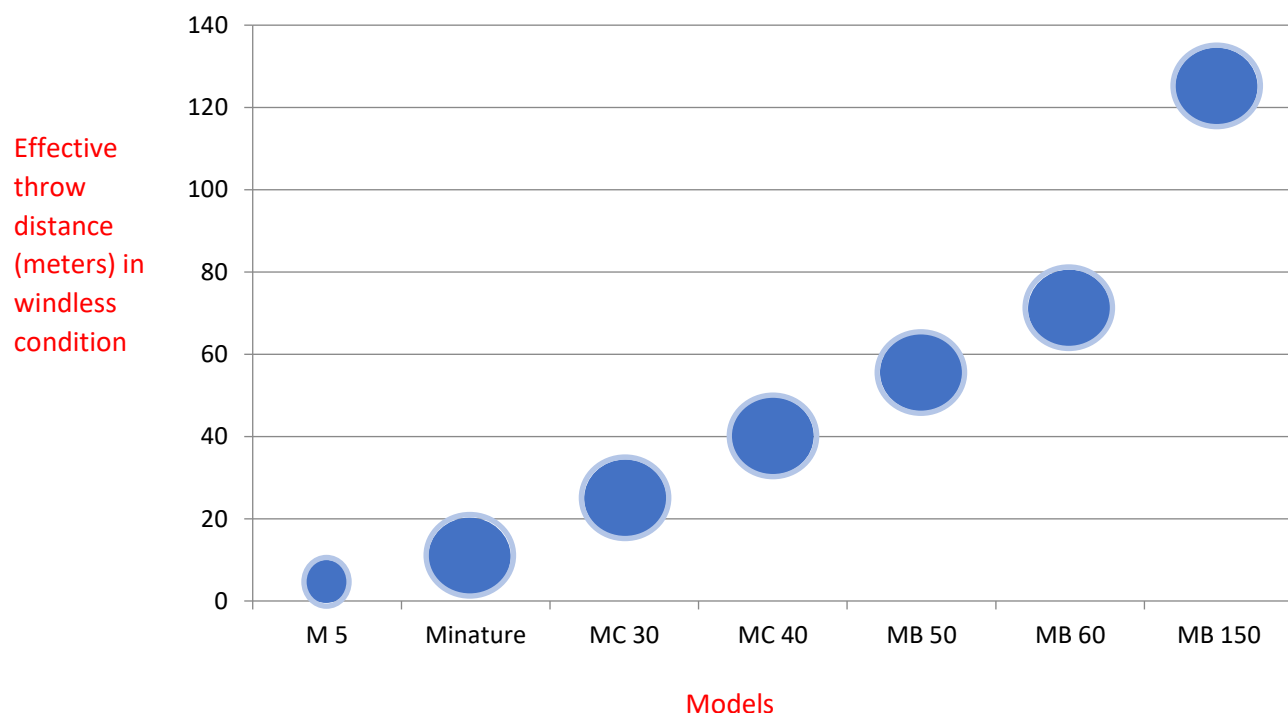


**DUZTEC Dust Solutions Pvt. Ltd. Mist Beams and Mist Cannons Stationary are built to last!** Equipped with a strong chassis, the machines are perfect for the Demolition, Steel and Rental industry. All Chassis components are hot dip galvanized. Features as electric tilt and automatic main valve as standard. Also standard is automatic swing operation to distribute the water mist over large areas. The units also feature low power consumption, compared to the throwing distance. The flow is adjustable to suit application requirements. The machine is ideal for outdoor all around dust suppression and wetting at steel plants, mining operations, demolition, bulk handling, crushing and recycling.

**Duztec Dust Solutions Pvt. Ltd. Miniature** is a small machine that can be moved by hand. Compact and light in weight is perfect for indoor demolition. Standard is automatic swing operation to distribute the water mist over larger areas with a throwing distance of 10-15 m. The unit feature lowers power consumption. It's connected to a standard 1 phase 230V wall socket. The water mist generated by this unit is extremely fine and there-fore effective against airborne dust, but also for humidification when the ground/surface is sensitive for wetting. The Miniature beam is also suitable for odor control.

**Duztec Dust Solutions Pvt. Ltd. H5** mist beam is a small mobile machine that can be moved by hand. Compact and a weight of only 2.9 kg makes it extremely mobile at indoor demolition sites. The intensity of the water mist is adjusted by a rotary switch. The built in water tank can be used for quick actions. The unit features low power consumption. It's connected to a standard 1 phase 230V wall socket (optional 110V). The water mist generated by this unit is extremely fine and therefore effective against airborne dust, but also for humidification when the ground/surface is sensitive for wetting. The M5 beam is also suitable for odor control.

**Selection of Misting models as per throw distance:**



**Technical Specification:**

Mist Beam	H5	MINIATURE	MC-30	D 500	MB-50	MBS-80	MB-150
Throw (upto) Windless Condition (M)	5-10	10-15	20-30	45-50	50-60	60-80	100-150
Fan Rating (KW)	N/A	1.5	11	15	18.5	30	75
Water Pump Rating (KW)	N/A	1.7	2.2	2.2	3	3	3
Flow rate (lpm), adjustable	0.2-0.4	2-8	12-60	12-60	12-60	12-60	30-70
Pressure Inlet (bar)	0	2-10	2-10	2-10	2-10	2-10	2-10
Water Connection (Inch)	Thread ¾" BSP Female	Thread 1" BSP Male	Thread 1" BSP Male	Thread 1" BSP Male	Thread 1" BSP Male	Thread 1" BSP Male	Thread 1" BSP Male
Elevation, Electric	Manual	Manual	0° to + 60°	0° to + 60°	0° to + 60°	0° to + 60°	0° to + 45°
Automatic Turning System	N/A	0° to 60°	0° to 330°	0° to 330°	0° to 330°	0° to 330°	0° to 330°
Nozzle	In Built	Lechler Precision Spray Nozzle As per application & water consumption, Nozzle will be selected					
Mean Droplet Size (Microns)	15	25	60	65	70	70	80
Control Panel	N/A	With Buttons					
Supply Voltage	230 AC/50Hz	230AC/50z	415AC/50Hz	415AC/50Hz	415AC/50Hz	415AC/50Hz	415AC/50Hz
Size of machine (LxWxH) (m)	0.33x0.20x 0.36	1.2x0.75x 1.15	1.1x1.0x 2.2	1.1x1.0x 2.2	1.4x1.3x 1.9	1.4x1.3x 1.9	3.2x2.2x 2.9
Dry Weight (Kg)	2.9	110	415	415	465	515	2100
Operating Temperature (°C)	+1° to +40°	0° to +60°	0° to +60°	0° to +60°	0° to +60°	0° to +60°	0° to +60°

**Standard Equipment for H5**

- Float Valve at water Inlet

**Optional Equipment for H5**

- 110 V Edition

**Standard Equipment for Miniature**

- Water drain at shut down valve
- Pump dry Protection
- Filter system 100 Microns 1"
- Pressure Gauges
- Water drain Valve (manual)

**Optional Equipment for Miniature**

- Dosing Pump for Additives
- Fan Barrel Noise reduction

**Standard Equipment for MB and MC**

- Water drain Valve (manual)
- Automatic drain Valve
- Pump dry Protection
- Y strainer 500 Microns 1"

**Optional Equipment for MB and MC**

- Dosing Pump for Additives
- With wheels (Except MB 150)
- Pressure Gauges
- Remote control
- Basket Filter
- Control Panel with HMI

**Denotation:**

- MCS : Mist Cannon Stationary  
MCM : Mist Cannon mobile (with wheels)  
MBS : Mist Beam Stationary  
MBM : Mist Beam Mobile (with wheels)



M5



Miniature



Mist Beams (MB)



Mist Cannons (MC)

**Office Address:**

605, Skyline Emiptome,  
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Behind Jolly Gymkhana  
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