



Mist Beam Fogging System



KKE Mist Beam: Benefits at a glance.

- 1 Quick Change Stainless Steel Nozzles
- 2 Automated 360° Rotation
- 3 Fine Mist
- 4 Quick Installation

Why?

- Assures compliance with existing regulations.
- Increases visibility and reduce possibility of accidents.
- Prevents flare up of existing diseases as Dust exposure aggravate existing respiratory problems & other ailments.
- Prevents the risk of new health hazards.
- Prevents the risk of fire & explosions in coal dumps.
- Increases equipment life as it reduces equipment wear and tear, especially for components like bearing, pulleys and other rubbing parts on which fine dust can cause a "grinding" effect and increase abrasions & wear rates.
- As the system is very effective which kill fugitive dust at the generation point itself.

Mining / Industrial pain areas of Dust generation

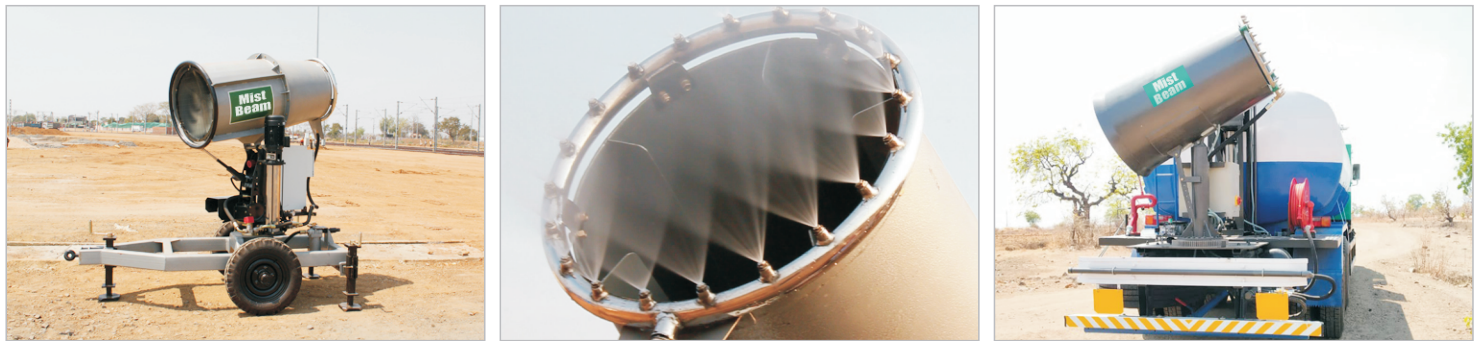
- Dump Yards (Coal / Limestone / Iron / Stone etc.)
- Conveyor Drop Point & Crusher Loading Points.
- All Loading / Unloading Points.
- Wagon / Truck Tipple Points.
- Ash Handling Plants / Slag Handling Areas
- All Ore Handling Railway Sidings (manual / wheel loading / silos)
- Face Loading Points - Shovel / Wheel Loader & Dumper
- Mining Haul Roads and other vehicle movement areas.
- All other junction and dust generation points.



	MSC10	MSC20	MSC30	MSC50	MSC60	MSC70	MSC80	MSC100
Dimensions								
Length	1350	1350	1450	1550	1550	1800		
Width	600	1100	1600	1600	1600	1600		
Height	900	1550	2000	2250	2250	2300		
Weight	60	210	350	480	510	550		
Performance Data								
Airflow (m3/h)	2044	11700	26674	42984	48000	56000	81671	113040
Throw (m)	10-15	20-25	30	50	60	70	80	100
Rotation Angle	360°							
(* Models without rotation also available)								
Electrical Power								
Fan (KW)	0.2	2.2	2.2	7.5	15	18.5	30	45
Pump (KW)	0.375	1.5	5.5	5.5	5.5	5.5	5.5	5.5
Genset Power (kVA)				30				
Water Specifications								
Number of Nozzles	4	15	30	30	30	30	55	75
Water Pressure in bar (Booster Pump)	100	60	22	22	22	22		
Water Connection	1/2"	1/2"	1"	1"	1"	1"		
Advanced Options								
Remote Control	✓	✓	✓	✓	✓	✓	✓	✓
Lifting Bracket	✗	✗	✓	✓	✓	✓	✓	✓
Water Cutoff Valve	✓	✓	✓	✓	✓	✓	✓	✓

The size of the converted water tank will depend on truck chassis/dump. Truck provided and accordingly the fabrication cost, all other mist spray system being the same. The width coverage will be 5 to 7 meters/pass.

Highest flexibility of use with full locational access, manual sprinkling as well as high pressure atomised mist spraying system with additional fire fighting and equipment washing arrangement will be there.





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to more than 40 countries across the globe....*

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