



# DC50 dust cannon



## dust cannons

The DC50 creates a fine mist of water droplets which are then directed forwards by a high flow fan, the water projects up to 50 meters dependent upon local wind conditions.

The DC50 is a self contained unit available as a static unit or trailer mounted system with a added advantage of having a 350 degree rotational range for increased coverage.



**HORIZONTAL  
ROTATION**



**50m  
MAX. RANGE  
OF SPRAY**



## application

- demolition
- construction
- coal handling & power generation
- ground remediation
- mining & quarrying
- bulk materials ports & shipping
- recycling & scrap
- steel mill slag handling
- waste transfer
- wood processing

## special applications

- watering (golf courses and horticulture/ agriculture)
- chemical spraying (horticulture/agriculture, mosquito areas etc.)

## basic model includes

A rear mounted axial high flow fan, high efficiency spray nozzles, central column support to enable 350 degree horizontal rotation, control panel and filter unit.

## optional extras

Trailer mount (can be used for flexible application).

## DC50 technical specification:

Range (m)	50 meters (still conditions)
Sprayed area (m2)	7,860
Droplet size (µm)	50-150
Nozzles (pcs)	36
Fan (kW)	6.5
Pump (kW)	5.5
Filter (µm)	200
Minimum input water pressure (bar)	4
Water consumption (l/h)	up to 8,000
Horizontal turning radius (°)	0-350
Vertical elevation radius (°)	0-70
Power supply	3x400 VAC, 50 Hz, 14.5 kVA
Pressure water connection	DN25

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