



SAVIC
Engineering



Dust Suppression unit

Industrial water spraying dust suppression machine



Composting
Construction
Demolition
Waste transfer
Steel & Slag
Recycling

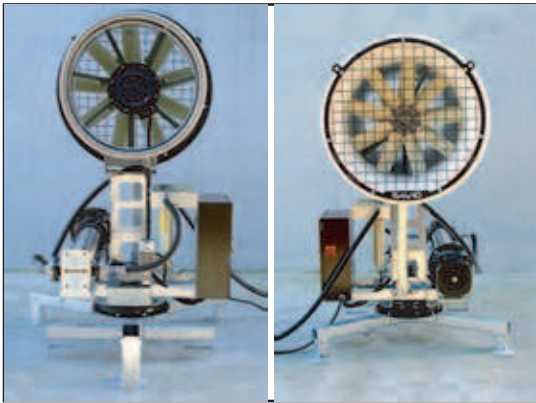
SPRAY STREAM 61

SPRAYSTREAM 61 dust suppression machine generates a consistent stream of micro rain to agglomerate airborne particles and prevent the escape of fugitive dust.

SPRAYSTREAM 61 provides effective control of airborne particles at open-air sites where dust is generated through stockpiling, breaking, handling of bulk solids.

General specifications:

Steel chassis with ball bearing turning ring mounted on three zinc plated legs. The aerodynamic shaped cone is made out of fibreglass composite with an integrated nozzle ring. The horizontal turn is electrical and manual operated over a range of 360°. The vertical movement is operated by hand.



- > Surface coverage 9500m²
- > Oscillator gives 360° movement
- > Adjustable angle of throw -10° to 50°
- > Waterflow 1 - 3,8m³/h
- > Throw 55m
- > Integrated filtersystem
- > Low noise fan

Dimensions:

- > Length 1650mm
- > Width 1600mm
- > Height 2250mm
- > Weight 415kg

Electrical specifications:

- > 3x380-480V at 50/60Hz
- > Softstarter device
- > SIEMENS controlbox
- > Fan 15kW
- > Boosterpump 4kW
- > Oscillator 0,2kW
- > Full load current <39A
- > Integrated steel cabinet
- > Other international motors available

Water specifications:

- > An constant inlet press. of 1,5 bar is required
- > Water boosted up to 20bar through the boosterpump
- > Stainless steel boosterpump
- > Waterbox filtersystem from 150µm with flush system
- > Waterhose with 1" BSP male fitting
- > Stainless steel nozzlering
- > 30 Stainless steel nozzles
- > Droplet size spectrum vary from 50 to 150µm

Water Press. (Bar)

Waterflow (l/min)

Waterflow can be modified.

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63

Chemical additives:

- > Crust forming additives (Spraystream crust agent)
- > Odor control systems
- > Watersurfactant

Options:

- > Booster pump 5,5kW
- > Waterflow control
- > Dosing pump
- > Remote control 8 functions

Applications:

- > Stockpile operations
- > Fire fighting purposes
- > Neutralisation of chemical clouds
- > Truck dumps
- > Ship terminals
- > Demolition sites
- > Outdoor blasting areas
- > Mines/quarries
- > Building demolitions
- > Refresh of public manifestations

INQUIP[®]
BULK MATERIAL
& DUST HANDLING