

DUST CANNON S-SERIES

Designed for effective dust control - The Screenpod Dust Cannon's help minimise dust, reduce health risks & improve air quality.

How it works: -

Water is pressurised through jet nozzles, transforming the water into a fine mist, a fan within the cowling then generates an airflow to disperse the mist. The mist latches to the dust particles, thus suppressing the dust.

Features & Benefits: -

- Robust Chassis - all components hot dip galvanised; perfect for the Demolition, Steel and Rental industry
- Electric tilt and automatic main valve
- Automatic swing operation to disperse mist over a large area
- Low power consumption
- Adjustable water flow to suit application requirements
- Droplet size between 10-150 microns
- Ideal for outdoor use - all round dust suppression for steel plants, crushing & recycling, mining, bulk handling and demolition

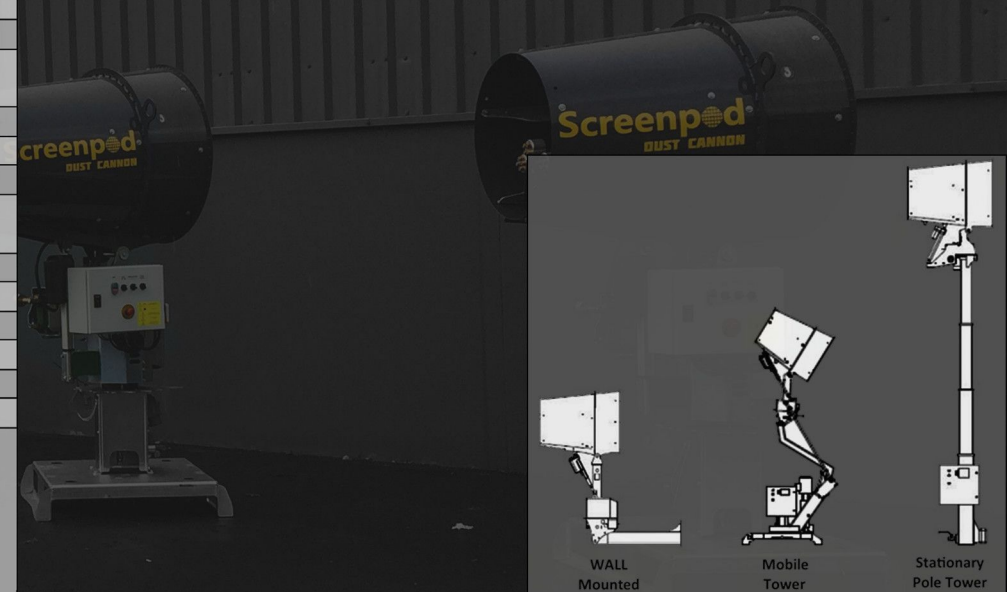


Screenpod™

Design & Manufacturing

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SPECIFICATIONS	S35	S45	S55	S65
Fan motor rating	3kW	7.5kW	18.5kW	30kW
Pump motor rating	2.2kW	2.2kW	2.2kW	2.2kW
Current consumption	13 Amps	20 Amps	42 Amps	54 Amps
Power connector size	16A - 5 pin	16A - 5 pin	32A - 5 pin	63A - 5 pin
Throw	35 - 45m	45 - 55m	55 - 65 m	65 - 85m
Dry weight	225kg	465kg	515kg	690kg
Power cable length	5m			
Specified voltage	400AC (380-415)			
Line connection	L1-L2-L3-N-PE			
Frequency	50Hz			
Control panel	Start / Stop Turn left/right Auto turn on/off	Start / Stop - Tilt up/down Turn left/right – Auto turn on/off Turn area setting		
Remote control (option)	Hand held wireless remote control with min range of 100m at free line of sight			
Elevation, Electric	-20 / +60°	-10 / +50°		
Automatic turning system	25° to 350° in steps of 25°	15° / 30° / 60°		
Turning area	350°	All around, no mechanical limit		
Water flow	15 - 30 LPM	20 – 60 LPM		
Water connection	Thread 1” BSP (DN25)			
Required in pressure	2 - 10 bar (min flow of 30 LPM)	2 - 10 bar (min flow of 60 LPM)		
Water quality	Portable / non-portable			
Operating temp	-25°C to +50°C (winter kit needed below 0°C)			
Storage temp	-40°C to +60°C			
Length	910mm	1400mm		
Width	930mm	1300mm		
Height	2100mm	1900mm (S60 – 2100mm)		
Standard Equipment	Booster pump 6-16 bar Water swivel Power connector placed on fork chassis Pump run dry protection Filter system 300 micron 1” Pressure gauge (nozzle) Water drain valve Automatic turning system Chassis with fork pockets Automatic water inlet valve (open at start)	Booster pump 6-16 bar Water swivel Automatic water inlet valve (open at start) Water drain valve Pump run dry protection Filter system 500 micron 3” Pressure gauges Automatic turning system Electric elevation Hose and cable holder		
Options	Wireless remote control Dosing pump for additives Winter kit Misting system LOW FLOW - FINE MIST 70 bar pump with 5-60 micron droplets Flow 8 LPM - Pump 1.5kW - Filter 60 micron Pole mounted (no fork pockets)	Wireless remote control Variable throwing distance Electric swivel - unlimited rotation Wheel set with three wheels Dosing pump for additives Fan barrel with noise reduction Winter kit Automatic turning system 330° & timer function (touch screen) Wall & tower mounted editions Misting system LOW FLOW - FINE MIST 70 bar pump with 5-60 micron droplets Flow 8 LPM - Pump 1.5kW - Filter 60 micron		



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