

DUST CANNON

AQUAMIST™
BY TEREX



The Terex Aquamist dust suppression system offers an improvement over conventional jets or water-sprays to manage the build-up of dust and better protect workers on jobsites.

A high quality misting fan produces finely divided water droplets in the size range 10-150 micron diameter. At this size, they can easily combine themselves with dust particles of similar dimensions and precipitate them out of the air. Because water-mists "float" more than a conventional spray, they cover and envelop the dust cloud more effectively.

Dust formed in the process of work is now globally recognised as a significant contributor to ill-health and more effective control is required, especially as more legislation comes into place.

The Aquamist system will support worksite operations and provide operators with a safe and healthy working environment.

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Robust Chassis

All components are hot dip galvanised or zinc plated: perfect for the demolition, steel or rental industry



Electric tilt and automatic main valve for ease of operation



Automatic swing operation to dispense the mist over a large area



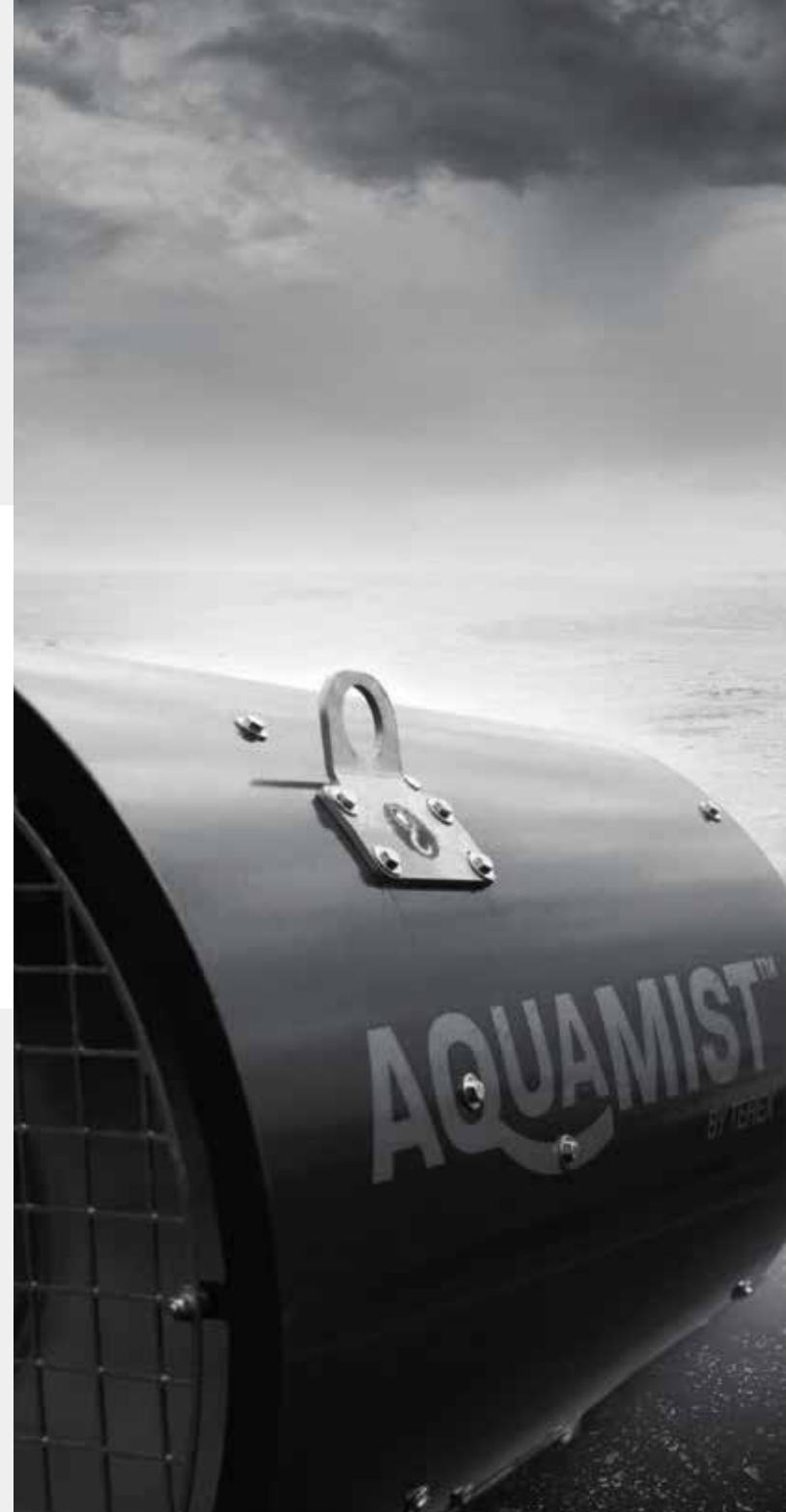
Low Power Consumption



Adjustable water flow to suit requirements



Droplet Size
Between 10-150 microns



AQ45 STATIC

FEATURES & BENEFITS

Droplet Size 10–150 microns
Fine mist for optimal dust suppression

Fan Motor Rating 7.5kW

Control Panel
Easy to use control panel and
optional wireless remote control

Automatic Turning System
25° to 350° in steps of 25°
for full coverage

7 Bar Water Pump
with adjustable pressure

STANDARD EQUIPMENT

- Water pump 6–16 bar
- Power connector placed on main frame
- Electric elevation
- Pump run dry protection
- Water drain valve
- 300 micron 1" filter system
- Automatic turning system
- Automatic water inlet valve
- Adjustable water output
- Wireless remote control
- 10M extension lead with CEE 4 pin inverter plug

DIMENSIONS

Length	1190mm (3' 11")
Width	1000mm (3' 3")
Height	2230mm (7' 3")
Dry Weight	415kg (915 lbs)



SPECIFICATION

Fan Motor Rating	7.5kW
Pump Motor Rating	2.2kW
Oscillating Motor Rating	0.18kW
Current Consumption	23 Amps
Specified Voltage	400-480 AC
Frequency	50/60Hz
Power Connector Size	L1-L2-L3-PE / 32A – 4 pin
Control Panel	<ul style="list-style-type: none"> - Start/stop - Tilt up/down - Turn left/right - Auto turn on/off - Turn area setting
Throw	45 metres (still wind conditions)
Water Flow	20 – 60 LPM
Water Connection	Thread 1" BSP (DN25)
Required in Pressure	2 – 10 bar (min flow of 60 LPM)
Water Quality	Potable
Elevation, Electric	-10 / +50°
Automatic Turning System	25° to 350° in steps of 25°
Turning area 350°	350°

PART NUMBER	DESCRIPTION
AQ45-UK/EU	AQ45 Dust Cannon - UK/EUR
AQ45-AUST	AQ45 Dust Cannon - AUSTRALIA
AQ45-USA	AQ45 Dust Cannon - USA

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