

DUST CANNON

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**AQUAMIST™**  
BY TEREX



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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



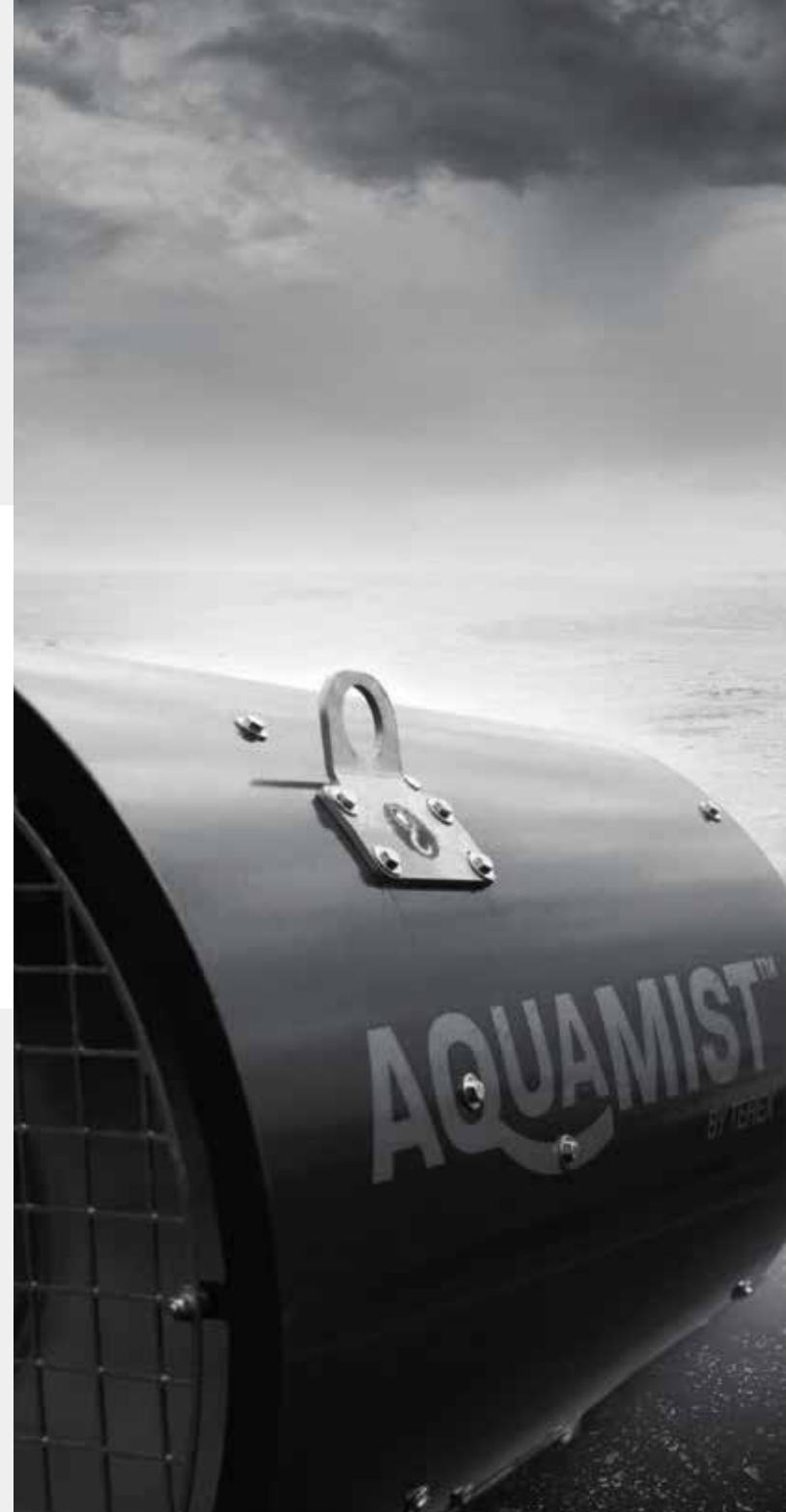
Low Power Consumption



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

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



# SPECIFICATION

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

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



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Dealer Stamp:

A large white rectangular area intended for a dealer stamp.