



Clearing the Air, Protecting Everywhere

DUSTCUBE RANGE 2026

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ABOUT DUSTCUBE

DUSTCUBE DUST MICRONMIST SUPPRESSION SOLUTIONS
DESIGNED & MANUFACTURED IN THE UK



INNOVATIVE DUST SUPPRESSION ENGINEERED FOR PERFORMANCE

The DustCube range delivers cutting-edge dust suppression solutions, meticulously designed and manufactured in the UK. Built for efficiency, reliability and environmental responsibility at its core, these machines provide a powerful and effective way to control airborne dust in a wide range of applications.

By significantly reducing dust levels, DustCube helps to protect human and animal health, improve air quality and minimize environmental impact. Whether for indoor or outdoor use, our easy to use range is designed to adapt to diverse operational needs. Ensuring targeted and efficient dust control exactly where it's needed most.

WHY CHOOSE DUSTCUBE?

The DustCube range is engineered for advanced dust control, these units provide industry-leading solutions tailored to a variety of operational needs. Whether for construction, demolition, waste management, or industrial applications, DustCube delivers effective and sustainable dust suppression exactly where you need it.

UNMATCHED PERFORMANCE

DustCube incorporates cutting-edge atomiser technology, generating ultra-fine 20-micron particles to maximize dust capture while ensuring optimal water efficiency. Our system produces a precisely controlled mist with exceptional height and reach capabilities, effectively managing airborne dust without oversaturating the work environment. This ensures cleaner, safer conditions while minimising resource consumption.

COST-EFFECTIVE SOLUTIONS

We understand that dust suppression equipment is essential for health and safety compliance but is often viewed as a non-productive investment. That's why cost efficiency has been a key focus in our design process. Our machines are optimised to deliver superior performance with lower energy consumption, achieving higher output with reduced operational costs. With DustCube, you get premium dust control without unnecessary expense.

CONVENIENCE & EASE OF OPERATION

Many worksites have limited or no access to electricity and water, which is why our all-in-one DustCube units come equipped with onboard power and water supplies. This makes them a self-sufficient, hassle-free solution, ready to operate in even the most challenging environments.

Additionally, space efficiency and portability have been core design considerations. DustCube units feature a compact footprint, allowing them to fit into restricted areas with ease. Designed for maximum mobility, they are available with skid bases featuring fork pockets and lifting points or can be mounted onto site trailers for effortless transportation.

DUSTCUBE is the SMARTER, MORE EFFICIENT DUST MANAGEMENT option for reliability, cost effectiveness and easy to use -wherever dust control is needed, DustCube delivers.

DustCube MicronMist Uses Revolutionary Atomiser Technology

What Makes 20-Micron Atomised Water Unique?

Atomised water refers to water broken into fine droplets using ultrasonic systems or other technologies. A droplet size of 20 microns strikes an ideal balance between effectiveness and efficiency in dust suppression: Droplet Size and Dust Interaction: At 20 microns, the droplets are small enough to interact with fine dust particles yet large enough to avoid immediate evaporation. High Surface Area: The droplet size maximizes surface-area-to-volume ratio, allowing more interactions with airborne particles.



Impact and Significance of Using 20-Micron Droplets

The choice of 20-micron atomised water droplets has several notable advantages:

-Improved Dust Suppression Efficiency

The droplet size directly targets fine particles (PM2.5 and PM10), capturing them more effectively than traditional water sprays with larger droplets. This reduces the overall dust concentration in the air.

-Reduced Water Consumption

Compared to conventional methods that use larger droplets, 20-micron droplets require less water to achieve the same level of dust suppression. This is particularly important in water-scarce environments.

-Energy Efficiency

Systems optimized for producing 20-micron droplets use less energy to generate ultra-fine mist compared to pressurized spray systems, contributing to cost savings and sustainability.

-Minimized Secondary Issues

Larger water droplets can create runoff, pooling, and oversaturation, which can disrupt work environments. The controlled size of 20-micron droplets minimizes these issues while maintaining high suppression efficiency.

-Health and Safety Benefits

By effectively capturing fine particles, 20-micron atomized water systems reduce exposure to hazardous dust, improving health outcomes for workers and nearby communities.

-Spread

Systems that generate 20-micron droplets enhance dust capture over extended distances.

Applications of 20-Micron Atomised Water in Dust Suppression

This approach has been adopted across various industries and settings, including but not limited to:

-Mining and Quarrying

The use of 20-micron droplets helps suppress fine dust generated during drilling, blasting, and material transport, creating safer working conditions and reducing environmental impact.

-Construction/ Demolition Sites

Construction activities often generate significant amounts of fine dust. Portable atomized water systems producing 20-micron droplets are highly effective in reducing dust levels, aiding compliance with air quality regulations.

-Manufacturing and Industrial Facilities

Industries such as cement, chemicals, and textiles benefit from using 20-micron atomized water systems to control emissions and maintain clean air within facilities.

-Agriculture and Livestock Management

Atomised water droplets reduce dust generated by soil erosion, ploughing, and animal activity, promoting healthier environments for workers and animals.

Product Specifications	
Overall Width:	550 mm
Height:	625 mm
Weight:	15 Kg
Capacity:	0 Ltrs
Water Output:	1-2 Litres Per Minute
Range:	Up to 10 M
Air Flow Velocity:	3900 m3/hr
Noise Output:	67 dB
Power Source Requirement:	110v, 16 Amp Plug 1.8 Meter Mains Power Cable
Water Feed	13mm Garden Type Hose

OVERVIEW

- The DustCube Breeze is the smallest member of the DustCube range.
- This easy to use, compact and lightweight unit weighs in at 15kg and is small and light enough to be carried by 1 person. Up flights of stairs and into more difficult to access places.
- Perfect for dust management or containment in harder to access, confined spaces. Designed for maximum efficiency, it is ideal for environments with high levels of particulate pollution, sensitive wiring, delicate interior décor, or other factors requiring precise dust control.
- Whether used in indoor spaces or areas with limited ventilation, DustCube ensures cleaner, safer conditions without disrupting surrounding infrastructure.
- Available in 110v or 230v including generator plug or mains operated with 13amp plug depending on site conditions.
- Complete with 13mm/1/2" hose connector for water source.
- Variable fan speed and water output.

Key Benefits

- Portable, mobile and fully contained for convenience and ease of operation.
- Latest multi nozzle technology for enhanced low level mist dispersion for a more targeted area with precise and thorough coverage. Maximise dust capture and prevent excess water saturation.
- Quality components for sustainability and reliability.
- Optimised design and performance for high velocity air flow and quiet operation.
- Variable fan and water speed for greater control.

• Suitable For:

Confined, hard to access places, primarily indoors. For example: small rooms with concentrated pollutants, areas with sensitive electrical wiring, delicate decor.



DUSTCUBE
BREEZE



STORM MINI

OVERVIEW

- The DustCube Storm Mini offers low cost pollution control in an all in one unit.
- Mounted on a purpose built wheeled frame which can be placed in position with its 150LT water tank full.
- Suitable for smaller work areas.
- Great for when control of dust management is important, such as in sites near public spaces where particle containment is essential.
- Equipped with an engine driven high pressure pump and 9LPM multi nozzle.
- Ideal for damping down low level areas.
- The Storm Mini also has a pressure washer lance for additional cleaning.

- **Suitable For:**

Small sites where control of suppression is important. For example, in sites where water cannot reach the outside of a controlled/ contained area, like near the public, etc.

Key Benefits

- Optimised design and performance for minimum fuel and water consumption.
- Quality components for sustainability and reliability.
- Latest multi nozzle technology to maximise particle pull down.
- Portable, mobile and fully contained for convenience and ease of operation.
- Pressure washer gun included.
- Fits through standard UK doorways.

Product Specifications	
Overall Length:	1250 mm
Overall Width:	660 mm
Height of Nozzle:	420 cm
Weight (Tank Empty):	85 Kg
Tank Capacity:	150 Ltrs
Water Output:	9 LPM
Range:	Up to 10 M
Run Time:	16 Minutes



Product Specifications	
Overall Length:	3000mm
Overall Width:	1400mm
Height to top of Tank:	1500mm
Weight:	455kg (Tank Empty)
Hose Length:	10m
Capacity:	2000 Ltrs
Nozzle Extended Height:	3.8m
Water Flow:	13 LPM
Range:	10m
Other Features:	10m Hose Lance, Multi-Nozzle Misting System High Pressure, 2000L Skid With Lifting Eyes/ Fork Pockets
Power Source (Integral):	Diesel Engine Driven By High Pressure Pump, 12V Start System

OVERVIEW

- The DustCube Storm Max offers low cost pollution control in an all in one unit.
- Mounted on a purpose built frame which can be placed in position with its 2000LT water tank full.
- Suitable for smaller-medium work areas.
- Great for when control of dust management is important, such as in sites near public spaces where particle containment is essential.
- Equipped with an engine driven high pressure pump and 13LPM multi nozzle.
- Ideal for damping down low level areas.
- The Storm Max also has a pressure washer lance for additional cleaning capabilities.

Key Benefits

- Portable and fully contained for convenience and ease of operation.
- Latest multi-nozzle technology for ultra fine mist, to maximise particle pull down.
- Robust components for sustainability, reliability minimising downtime.
- Optimised design and performance for minimum fuel and water consumption.
- 2 hour running time for extended use.
- Galvanised components for robustness against extreme conditions.

• Suitable For:

Small sites where control of suppression is important. For example, in sites where water cannot reach the outside of a controlled/ contained area, like near the public, etc. Also ideal for sitting alongside crusher/screeners and shredders.



STORM MAX



Key Benefits

- Lightweight, suitable for towing with a tow weight under 1 ton (tank empty).
- Portable, mobile and fully contained for convenience and ease of operation.
- Latest Atomiser technology for ultra fine mist, to maximise particle pull down.
- Robust components for sustainability, reliability and minimum downtime.
- Optimised design and performance for minimum fuel and water consumption.
- 20 Micron water molecule size to prevent excess water saturation.
- Galvanised components for robustness against extreme conditions and longevity of life.

Overview

- The DustCube Tempest is an ultra compact all-in-one dust suppression unit.
- Available in a 400L tank version that is road towable and can be towed with a small vehicle.
- A 1100lt tank option is also available.
- Equipped with our latest atomiser, producing 20-micron water mist.
- Easy to use 3 step process for simplicity.
- Also available on compact skid unit.

• Suitable For:

Suitable for Dust Management on small sites where a little more water spread is required than the DustCube Storm. Also ideal for sitting alongside crushers, screeners, shredders, at the base of chimneys or sites where easy manoeuvrability is important. Useful in both the manufacturing and chemical industries where airborne pollutants are a problem.

Product Specifications	
Overall Length:	3.35 Metres
Overall Width:	1.55 Metres
Height to top of Cannon:	2 Metres
Weight (Tank Empty):	720 Kg
Capacity:	400 Ltrs
Trailer	Available on Single Axel Certified Road Trailer
Range:	25 Metres
Water Consumption:	Maximum 6 LPM
Water Droplet Size:	20 Micron
Other Features:	Manually Operated Cannon Position Through 180 Degrees and Tilting Angle Settings 45 Degrees.
Run Time	65 Minute Continuous Run Time
Power Source (Integral):	Diesel/ Petrol Generator



DUSTCUBE

TEMPEST

OVERVIEW

- The powerful DustCube Typhoon is a mid level machine in our range.
- Available as an all in one machine for versatility where water is minimal.
- The Typhoon offers a class-leading output relative to power consumption and our latest model offers a lower power consumption, is more fuel efficient with reduced noise levels.
- It is a powerful machine, yet has a compact and portable size. It has the ability to suppress many airbourne pollutants.
- Available on a compact 1.4m x 1.8m skid unit, site or road going trailer, easy to lift when movement required via dedcated fork pockets or lifting eyes.
- Easy to use in a few simple steps.
- Versatile to support a wide range of aplications.

• Suitable For:

For medium to large scale jobs/ sites such as demolition, mining, construction, quarrying, . Also can be used in managing air bourne pollutants from the chemical industies, during asbestos removal, and assisting in fire suppression. Woodchipping for biofuel industries. Useful for when site movement is required in space limited areas.



DUSTCUBE
TYPHOON

Product Specifications	
Overall Length:	2 Metres (Skid) 5.9 Metres (Site Trailer)
Overall Width:	1.45 Metres (Skid) 1.83 Metres (Site Trailer)
Height to top of Cannon:	1.93 Metres (Skid) 2.59 Metres (Site Trailer)
Weight (Tank Empty):	850 Kg (Skid) 1500 Kg (Site Trailer)
Capacity (Skid or Bowser):	1000/ 2000 Ltrs
Trailer:	Available on Twin Axel certified road legal trailer site trailer or skid unit
Range:	40 Metres
Water Consumption:	Maximum 15 LPM
Water Droplet Size:	20 Micron
Other Features:	Manually Operated Cannon Positioning Angle Through 180 Degrees and Tilting Angle Settings 45 Degrees. Dedicated Lifting Eyes/ Fork Pockets
Run Time	1000L: 65 Mins Continuous Run Time 2000L: 130 Mins Continuous Run Time
Power Source (Integral):	Diesel /Petrol Generator or 240V Electricity

Key Benefits

- Compact, portable, mobile and fully contained for convenience and ease of operation.
- Latest Atomiser technology for ultra fine mist, to maximise particle pull down.
- Robust components for sustainability, reliability and minimum downtime.
- Optimised design and performance for minimum fuel and water consumption.
- 20 Micron water molecule size to prevent excess water saturation.
- Galvanised components for robustness against extreme conditions.
- Controllable spray output for control.

OVERVIEW

- The Mighty DustCube Tornado is currently the largest and most powerful machine in the DustCube range.
- Delivers top tier performance with a maximum output of 30LPM, the Tornado can run for a minimum of 65 minutes of continuous water mist of 20 micron particles on a tank of water.
- Variable fan speed for additional control.
- Equipped with a 2000L tank, on a site trailer, this all in one machine is ideal for large sites and working areas.
- Easy to use in a few simple steps.
- Versatile to support a wide range of operations.
- Now available with lifting frame certified to 4 tonnes.
- Manual variable water output setting for enhanced output control .

Product Specifications	
Overall Length:	5.9 Metres
Overall Width:	1.83 Metres
Height to top of Cannon:	2.58 Metres
Weight (Tank Empty):	1900 Kg
Capacity (Bowser):	2000 Ltrs
Other Features:	Manual Drain on single Axel site Trailer
Range:	60 Metres
Water Consumption:	Variable up to 30 LPM
Water Droplet Size:	20 Micron
Other Features:	Manually positioned Cannon Angle Through 180 Degrees and Tilting Angle Settings 45 Degrees. Dedicated Lifting Eyes/ Fork Pockets
Run Time	2000L: 65 Mins Continuous Run Time
Power Source (Integral):	Diesel Generator or 400V Electricity



DUSTCUBE TORNADO

• Suitable For:

Ideal for medium to large-scale projects and sites, including demolition, mining, construction, and quarrying. Also effective in controlling airborne pollutants in chemical industries, supporting asbestos removal, aiding fire suppression, and assisting in woodchipping for biofuel production. Designed for easy mobility when site relocation is needed.

Key benefits

- Portable, mobile and fully contained for convenience and ease of operation.
- Latest Atomiser technology for ultra fine mist, to maximise particle pull down.
- Robust components for build sustainability, reliability and minimum downtime.
- Optimised design and performance for minimum fuel and water consumption.
- 20 Micron water molecule size to prevent excess water saturation.
- Galvanised components for robustness against extreme conditions.
- Variable operating fan speeds and water output for enhanced performance level control.

OVERVIEW

- The Mighty DustCube Tornado standalone cannon delivers top tier performance with a maximum output of 30LPM.
- Variable fan speed for additional control.
- Easy to use in a few simple steps.
- Versatile to support a wide range of operations.
- Connects directly to mains water supply for continuous water output of 20-micron mist particles.
- The DustCube Tornado Standalone cannon has all the power and efficiency as the Tornado trailer unit but is ultra compact with a small footprint.
- No trailer, no tank and no generator. Rendering the unit virtually maintenance free.

Product Specifications	
Overall Width:	1.11 m
Height:	1.77 m
Weight:	500 Kg
Water Output:	Up to 30 Litres Per Minute (Supply Pressure Dependant)
Range:	Up to 60 Metres
Other Features:	Integrated fork pockets/stand
Power Source Requirement:	400V 3 phase 32 amp socket
Water Feed:	Standard 19mm feed (Minimum)
Power Consumption:	12 Kw



TORNADO

(STANDALONE)

• **Suitable For:**

Ideal for medium to large-scale projects and sites, including demolition, mining, construction, and quarrying. Also effective in controlling airborne pollutants in chemical industries, supporting asbestos removal, aiding fire suppression, and assisting in woodchipping for biofuel production. Designed for easy mobility when site relocation is needed.

Key benefits

- Portable, mobile and fully contained for convenience and ease of operation.
- Latest Atomiser technology for ultra fine mist, to maximise particle pull down.
- Robust components for build sustainability, reliability and minimum downtime.
- Optimised design and performance for minimum fuel and water consumption.
- 20 Micron water molecule size to prevent excess water saturation.
- Galvanised components for robustness against extreme conditions.
- Variable operating fan speeds and water output for enhanced performance level control.

LONG-TERM BENEFITS

OF QUALITY DUST SUPPRESSION EQUIPMENT

Investing in high-quality dust suppression equipment provides significant long-term benefits for companies, employees, and the environment. Dustcube's MicronMist advanced solutions exemplify the positive impact of effective dust control across industries.

1. Worker Safety & Health

- **Reduced Exposure to Harmful Particles:** Quality suppression minimises airborne dust, reducing risks of respiratory illnesses like lung disease and allergies.
- **Accident Prevention:** Controlled dust levels lower fire and explosion hazards, ensuring a safer workplace.
- **Lower Healthcare Costs & Increased Productivity:** Fewer health issues result in lower medical expenses and improved workforce efficiency.

2. Environmental Protection

- **Reduced Environmental Impact:** Effective dust suppression prevents air, soil, and water contamination, aiding sustainability and regulatory compliance.
- **Preservation of Ecosystems:** Controlling emissions safeguards biodiversity and natural habitats.

3. Operational Efficiency & Cost Savings

- **Extended Equipment Lifespan:** Dust accumulation accelerates machinery wear. Correct suppression reduces maintenance costs and downtime.
- **Improved Process Efficiency:** Dust control minimizes material loss, enhances product quality, and streamlines operations.

4. Regulatory Compliance & Brand Reputation

- **Adherence to Regulations:** Quality suppression systems aid compliance with strict dust control and workplace safety standards helping to avoid legal penalties.
- **Enhanced Brand Image:** Companies demonstrating environmental responsibility and worker safety gain stakeholder trust and improve their market reputation.

Encouraging Companies to Invest in Dust Suppression

Shifting perceptions about dust control requires education, incentives, and collaboration.

- **Education & Awareness:** Training programs highlight health, safety, and financial benefits of dust suppression.
- **Demonstration of Effectiveness:** Case studies and on-site trials showcase tangible improvements.
- **Financial Incentives:** Tax credits, grants, and flexible financing make high-quality equipment more accessible.
- **Regulatory Support & Enforcement:** Strengthened policies encourage compliance and investment in dust control.
- **Industry Collaboration:** Forums and workshops foster innovation and shared best practices.

By recognising dust suppression as integral to sustainable business practices, companies can enhance safety, protect the environment, and improve long-term profitability.



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