

MISTING UNIT FOR DUST SUPPRESSION

100 Litre

Overview:

This simple system uses a pneumatic water pump to inject water into the flushing air. This creates a mist that can easily be adjusted for water-to-air ratio and controls dust with up to 97% efficiency, in compliance with industry safety regulations. Equipped with a 100-litre heavy-duty, chemical-resistant polyethylene tank, the misting unit can provide dust suppression for 4 – 8 hours, depending on hole size. The system is encased in an engineered steel frame, complete with 4 rotating lifting points, making it easy to move.



Functional Design:

Frame

- 25 mm x 2 mm square hollow section (SHS) for the frame
- 1.6mm sheet for the guards
- Rotating lifting lugs – dismountable open D-ring connection, 180 articulation

Tank

- Heavy duty, chemical resistant polyethylene tank with 1.3 specific gravity (SG), fully draining sump
- 150 mm lid with basket filter, 1" MBSP poly outlet fitted
- Easy to read calibrated measurements
- Powder coated steel frame
- 20-year tank warranty

Specifications:

MAX HEIGHT	740 mm
MAX WIDTH	1000 mm
MAX LENGTH	1222 mm
GROSS WEIGHT WET	198 kg
GROSS WEIGHT DRY	98 kg
WATER TANK CAPACITY	100 L
AIR SUPPLY CONNECTION	1" BSP
AIR SUPPLY PRESSURE	3-8 BAR
MAX WATER OUTPUT	7-14 lpm