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DSC45 SELF-CONTAINED DUST SUPPRESSION

Raincanon DSC45 is a high-performance self-contained Dust Suppression / Mist Cannon used for dust, odour and air pollution control in different applications. The cannon is mounted on a trailer with integrated water tank and generator set. The cannon uses a powerful fan to spread the fine water mist with the purpose of binding airborne dust particles and force them to the ground. The trailer is independent of water and electric supply and can therefore be used where there is no local power or water supply. The machine can be connected to the power grid and/or local water supply. The frame is built for heavy duty operation with an integrated water tank. The water tank and electric generator are placed low which makes it possible for the mist cannon to operate 360° still having a very compact unit.

The DSC45 is built to last and is well suited for heavy duty applications such as Mining, Crushing, Demolition, Rental and Cement industry. Features as electric tilt, automatic main valve and remote control are standard. Automatic oscillation up to 360° to distribute water mist over large areas are also standard. The flow rate is adjustable to suit different applications. The water mist droplet size is between 20-200 microns which makes the DSC45 ideal for various applications.

STEEL – MINING – DEMOLITION – BULK HANDLING – CRUSHING RECYCLING – CROWD COOLING – CEMENT – RENTAL – ODOUR CONTROL

SPECS

Fan motor power 7,5 kW Pump motor power 2,2 kW Generator 20 kVA Fuel tank (DIESEL) 55 L / 250 L 13 h / 60 h Running time generator Effective throw range 35-45 m Area covered 6.350 m² Water flow 12-60 LPM

Running time water High flow (55 LPM) 90 min Low flow (15 LPM) 330 min

Water quality Portable / Filtered

Tilt angle $-20^{\circ} / +50^{\circ}$

Auto oscillation 10° to 360° in steps of 10° Operating temp +1°C to +40°C

 Operating temp
 +1 °C to +2

 Length
 6.200 mm

 Width
 2.230 mm

 Height
 3.150 mm

 Weight
 2.850 kg

STANDARD EQUIPMENT

Wireless remote control

Generator Electric tilt Booster pump Run dry protection Filter system 300 micron Power peak override at generator operation

Water drain valve

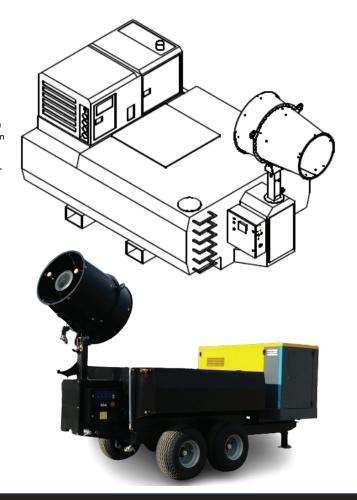
Automatic water valve between tank & cannon

Automatic oscillation system
Heavy duty wheels 400/60x15.5

5.000 L water tank

OPTIONAL EQUIPMENT

10.000 L water tank



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