

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
Running time generator	13 h / 60 h
Effective throw range	35-45 m
Area covered	6.350 m ²
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° / +50°
Auto oscillation	10° to 360° in steps of 10°
Operating temp	+1 °C to +40°C
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

