

## D100 DUST SUPPRESSION &amp; AIR POLLUTION CONTROL



Raincanon D100 is a high-performance Dust Suppression / Mist Cannon used for dust, odour and air pollution control in different applications. Equipped with our most robust frame the D100 is built to last and is well suited for heavy duty applications such as Mining, Crushing, Demolition, Rental and Cement industry. The unique feature with this product is the two contra rotating fans placed in line, to generate a powerful mist beam that is very resistant against side winds and increases the throw by 30% compared to conventional fan machines with the same power rating. Also features as electric tilt, automatic main valve, and automatic oscillation up to 360° to distribute water mist over large areas are standard. A function to reduce power peaks at start up is built in as standard in the control system. The flow rate is adjustable to suit different applications. The water mist droplet size is between 20-200 microns.

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

**SPECS**

Voltage/Frequency	400VAC/50Hz
Current consumption	88 Amps
Fan motor power	2x22 kW
Pump motor power	4 kW
Effective throw range	80-100 m
Area covered	31.400 m <sup>2</sup>
Water flow	45-150 LPM
Water connection	Thread 1" BSP (DN25)
Required in pressure	2-12 bar (min flow of 150 LPM)
Water quality	Portable / Filtered
Tilt angle	-20° / +60°
Auto oscillation	10° to 360° in steps of 10°
Operating temp	+1°C to +50°C
Length with fork stand	2.460 mm
Width with fork stand	1.495 mm
Height with fork stand	2.200 mm
Weight	1050 kg

**STANDARD EQUIPMENT**

Electric tilt  
 Booster pump  
 Run dry protection  
 Filter system 1000 micron  
 Power peak override at generator operation  
 Water drain valve  
 Automatic oscillation system  
 Chassis with heavy duty fork pockets  
 Electric water main valve

**OPTIONAL EQUIPMENT**

Wireless remote control  
 ALU fan motors to save 200+ kg total weight

