

# DCT JETFOGGER CANNON



**LOW PRESSURE HIGH VOLUME 'DUST PREVENTION'  
SYSTEM FOR THE MANAGEMENT AND CONTAINMENT OF  
FUGITIVE DUST THAT CAN BE DISTURBED BY WIND,  
MACHINERY AND OTHER ENVIRONMENTAL CONDITIONS**

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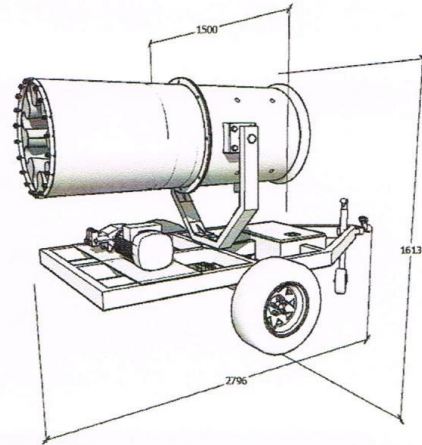
# THE DCT-640 JETFOGGER



## 640 SPECIFICATIONS

### General

- 30kW fan generates 10m<sup>3</sup>/sec
- Standard unit 'automatic oscillation' provides 0-90° rotation
- Control panel cabinet for safe operation
  - 3mm mild steel IP65 enclosure
  - Main door interlocked circuit breaker with lockable handle in the 'OFF' position
  - T/P fuse holders c/w fuses for motor protection
  - 30KW @ 460VAC contactor for fan
  - 4KW @ 460VAC contactor for booster pump
  - 0.09KW @ 460VAC contactor for oscillator
  - Thermal overloads for fan, booster pump, and oscillator
  - Remote wired start/stop panel with emergency stop pushbutton. Pilot lights on/off for fan, booster pump, and oscillator (bright on trip)
  - 250VA 400 control transformer
  - 2 x fuse holders c/w 10A fuses for control transformer input protection
  - 1 x double pole circuit breaker for control transformer output



### Electrical

- **Fan motor** - Air cooled/3 Phase/30kW/460VAC / 60Hz
- **Booster pump** – Positive displacement pump/3 Phase/4kW/460VAC/1450rpm
- **Oscillating motor** - 3 Phase/0.09kW/460VAC/60Hz

### Water

- Input supply pressure to booster pump – supply can be maximum 3 bar (30m head) all though not recommended. Minimum supply pressure is a negative head of 1m. Must be clean and include minimum 75 mesh, 200 microns filter inline the booster pump system.
- Booster pump output pressure: DS max 40 bar, DP/EV max 12 Bar
- Nozzles: DS - 28 ceramic, DP – 7 brass, EV – 7+ brass

