

CONRAD C50

Dust Suppression Cannons

The Conrad C50 is a dust suppression cannon with a range of 50 metres, designed to solve the problem of dust production on construction sites, quarries, steelworks and cement factories.

Equipped with a metering pump, it is a valuable ally for odour reduction in landfills, anaerobic digestion sites, compost heaps and the waste sector in general.



TECHNICAL DATA

Range	50 m
N. Nozzles	60 - selectable in groups of 20 20
Crowns	1 aluminium crown - heated with electrical resistance for sub-zero operation.
PLC automation	integrated PLC electronics, Headlight switch-on, Water pump switch-on, Crown heater switch-on, Fan switch-on, Pause/Work function, Rotation setting from 0° to 340°, Articulated boom up/down, Daily and weekly timer, selectable active nozzles
Rotation	340° automatic with servo motor
Inclination	-20° +45° automatic
Ascent / Descent	only with articulated boom set-up - reachable working height 5.5 m
Pressure	10-15 bar, 50-60 bar
Water Consumption	18-21 l/min, 33 l/min
IP	55
Noise	70 dB
Covered Area	7500 m ²
Fan power	5.5 Kw-400V-50Hz
Ø FAN	660 mm
Total installed power	8 kW
Water Filter	Inspectable stainless steel filter
Filtering capacity	100 micron
Water connection	1 ½ " - Camlock

Water pump included	Self-priming vertical multistage centrifugal electric pump for gravity operation. No inlet water pressure required
Electrical connection	CEE 32A 3P+N+E
Available options	Industry 4.0 kit, Pressure washer lance kit with 10 m of connected high pressure hoses, Dosing pump for odour abatement, Remote control

These figures are indicative and are subject to change without notice. Please request a quote for your specific site requirements.