

CONRAD LC50R

Dust Suppression Cannons



The CONRAD LC50R is a 50-metre mist cannon ideal for suppressing dust during demolition work; it is also valued as a support tool in aggregate recycling plants for controlling dust emitted from conveyor belts and screens used to separate aggregates.

The LC50R has a range of 50 m and covers an area of approximately 7,500 m², thanks to its PLC, which enables automatic rotation control programmable up to 340°.

The chassis, fitted with three pneumatic wheels, two stabilisers and a drawbar, makes the CONRAD LC50R highly manoeuvrable even on the most uneven terrain.

TECHNICAL DATA

Range	50 m
N. Nozzles	45
Rotation	340° automatic with integrated PLC
PLC automation	Water pump switch-on, Fan switch-on, Sleep/Work function, Rotation setting from 0° to 340°, Daily and weekly timer
Inclination	-20° +45° manual
Pressure	10-15 bar
Water Consumption	33 l/min
Fan power	5 kW - 400V - 50Hz
Total installed power	7.9 kW
Noise	70 dB
IP	55
Covered Area	7500 m ²
Ø FAN	500 mm
Water Filter	Inspectable stainless steel filter
Filtering capacity	100 micron
Water pump included	Self-priming vertical multistage centrifugal electric pump for gravity operation. No inlet water pressure required
Water connection	1 ½ " - Camlock
Electrical connection	CEE 32A 3P+N+E

Lifting	Housing for forklift forks
Available options	Automatic vertical inclination by PLC, Industry 4.0 kit, 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.