

#34 STAND-ALONE STATION

Autonomous Stations

This towable dust-abatement station was set up on a slow-moving trailer and is suitable for construction sites, quarries, landfills, ecological areas, mining sites and inert material recycling depots.

In this case, the truck was configured with the Conrad C50 cannon with high-pressure pump and a 3000-litre PE tank.

Low consumption and excellent performance.



TECHNICAL DATA

Dust Suppression Cannon	C50
Tank capacity	3000L Bespoke
Generator Set	Non-integrated
Handling	Trainable
Automation	Integrated PLC
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 m²

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.