

HYDRA STAND-ALONE STATION

Autonomous Stations

Introducing the new stand-alone dust suppression unit, providing everything you need on your building site in one go: a dust suppression cannon with water and electricity, all mounted on a single skid that can be forklifted or lifted using hooks.

Enhanced with a telescopic tower that extends up to 5 metres, allowing it to target dust more closely and reach the source of dust generation more easily.

The spray range is over 40 metres, and the fan motor is fitted with a potentiometer to adjust the length of the spray jet – a very useful feature for avoiding interference on site and overspray.

Water consumption is very low, allowing for continuous operation for 2.5 hours, thanks to the high-pressure pump which enables sustainable use of the water supply.

The cannon also features an IP67-rated LED spotlight to illuminate the spray stream in low-light conditions or during night-time demolition work.



TECHNICAL DATA

Dust Suppression Cannon	Phoenix Power
Tank capacity	1000L
Generator Set	10Kva - Petrol
Handling	Inforcible
Automation	Telescopic Pole 5m with Rotation
Range	10-40 m
N. Nozzles	4
Rotation	340° automatic with integrated PLC
Inclination	-20° +45° manual
PLC automation	Water pump switch-on, Fan switch-on, Sleep/Work function, Rotation setting from 0° to 340°, Daily and weekly timer
Pressure	50 - 60 bar - integrated high-pressure pump
Water Consumption	8 l/min

Fan power	2 kW - 220 V
Noise	70 dB
IP	55
Covered Area	1850 m ²
Ø FAN	410 mm
Water Filter	Brass filter
Filtering capacity	400 micron
Water pump included	Self-priming vertical multistage centrifugal electric pump for gravity operation. No inlet water pressure required
Water tank	1,000 litres – made of polyethylene
Water connection	¾" male
Integrated generator	Petrol-powered – Power output 10 kVA – Fuel tank capacity 25 l.
Electrical connection	CEE 16A
Lifting	Set up on a single base that can be forklifted or lifted using hooks.
Size and weight	160x230xh240 cm – 1050 Kg
Available options	Diesel generator, Industry 4.0 kit, Pressure washer lance kit with 10 m of connected high pressure hoses, Dosing pump for odour abatement, Radio control

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