



FOG CANNONS

**LESS DUST,
CLEANER
PLANET**





HENNlich

ENGINEERING

FOG CANNONS

100 m
max. range of spray

HENNlich range of fog cannons is designed for the most effective dust suppression.

Spraying the fine mist, the fog cannons help to minimize the dust, reduce the health risk and improve air quality. During the operation they need a minimum of power and water supply.

Our products are designed, manufactured and assembled in the Czech Republic. We are proud to invest in development of equipment for the environmental protection.

APPLICATIONS & INDUSTRIES

- Demolition & Construction
- Coal handling & Power generation
- Mining & Quarrying
- Bulk materials ports & Shipping
- Steel & Slag
- Waste Transfer
- Recycling & Scrap
- Wood Processing
- Disinfection spraying

BENEFITS

- Easy installation and operation
- Low energy consumption
- Effective and durable in use
- Low investment costs
- Tailored solutions
- Different types of constructions

The **HENNlich range** consists of **seven dust control units** which provide you with options based on application, performances and size of the area.



Fog cannon HE15 is a portable dust control unit nebulizing water into particles with 50-150 micron diameter, able to drag down dust particles to the ground. Designed for small outdoor applications.

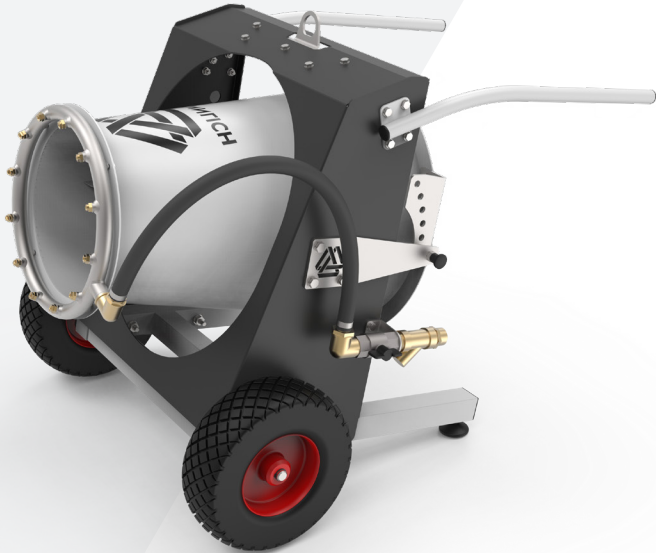
STANDARD DESIGN

- One stainless steel nozzle ring
- Nozzles made of brass
- No pump
- No automatic rotation
- Standard mount: with two wheels

Technical specification	HE15
Throw (windless condition)	10 - 15 mts
Electrical engine	2.2 kW, 1 x 230 / 3 x 400 V AC, 50 Hz
Tilting angle	0 - 28°
Droplet size	50-150 microns
Water inlet filter	350 µm
Water connection	inner thread DN 25
Water consumption	518 l/h (10 bar)
Weight	80 kg

FOG CANNON HE15

10 m
max. range
of spray



FOG CANNON HE30



The HE30 cannon is the most sold unit in the HENNlich fleet. It is a mid-sized unit ideal for certain jobs like demolition & construction works, open stockpiles or port terminals operations.

STANDARD DESIGN

- One stainless steel nozzle ring
- Nozzles made of brass
- Automatic horizontal rotation 0-350°
- Booster pump to control the correct working pressure
- Pressure gauge
- Water filter
- Electric control panel
- Solid metallic cover against the components damage
- Standard mount: skid mounted

ADDITIONAL ACCESSORIES

- Remote control (wireless, min. range 100 m)
- Wheeled trailer
- Electrical vertical elevation (0-35°)
- Chemical additives for dust or odour suppression
- Road trailer with the integrated bowser tank 2000 and the diesel generator

Technical specification	HE30
Throw (windless condition)	20-30 mts
Droplet size	50-150 microns
Engine power (fan)	3,0 kW
Booster pump	1,87 kW
Filter mesh size	350 µm
Horizontal rotation	0-350°
Power supply	3 Phase, 400 V AC, 50 Hz
Water consumption	778 l/h (10 bar)
Water connection	inner thread DN 25
Nozzles q-ty	18 pcs
Weight	277 kg



With a range more than 50 meters this fog cannon HE50 is capable of covering an area almost 8 000 square meters.
Very often it is sold mounted on the heavy 3-wheels trailer.

STANDARD DESIGN

- One stainless steel nozzle ring
- Nozzles made of brass
- Automatic horizontal rotation 0-350°
- Booster pump to control the correct working pressure
- Pressure gauge
- Water filter
- Electric control panel
- Standard mount: skid mounted

ADDITIONAL ACCESSORIES

- Remote control (wireless, min. range 100 m)
- Wheeled trailer
- Electrical vertical elevation (0-50°)
- Chemical additives for dust or odour suppression
- Genset with roadworthy trailer and water tanks

Technical specification	HE50
Throw (windless condition)	40-50 mts
Droplet size	50-150 microns
Engine power (fan)	7,5 kW
Booster pump	5,5 kW
Filter mesh size	500 µm
Horizontal rotation	0-350°
Power supply	3 Phase, 400 V AC, 50 Hz
Water consumption	1555 l/h (10 bar)
Water connection	inner thread DN 40
Nozzles q-ty	36 pcs
Weight	300 kg

FOG CANNON HE50



FOG CANNON HE70



HE70 unit is the second largest unit in the HENNlich range of dust control unit. The powerful 15 kW fan can drive the mist droplets up to 70 m range.

STANDARD DESIGN

- One stainless steel nozzle ring
- Nozzles made of brass
- Automatic horizontal rotation 0-350°
- Booster pump to control the correct working pressure
- Pressure gauge
- Water filter
- Electric control panel
- Standard mount: skid mounted

ADDITIONAL ACCESSORIES

- Remote control (wireless, min. range 100 m)
- Wheeled trailer
- Electrical vertical elevation (0-40°)
- Chemical additives for dust or odour suppression
- Genset with roadworthy trailer and water tanks

Technical specification	HE70
Throw (windless condition)	60-70 mts
Droplet size	50-150 µm
Engine power (fan)	15 kW
Booster pump	5,5 kW
Filter mesh size	500 µm
Horizontal rotation	0-350°
Power supply	3 Phase, 400 V AC, 50 Hz
Water consumption	1555 l/h (10 bar)
Water connection	inner thread DN 40
Nozzles q-ty	36 pcs
Weight	311 kg



FOG CANNON HE100

Our most powerful unit is the gigantic type HE100 with the maximum range up to 100 meters.

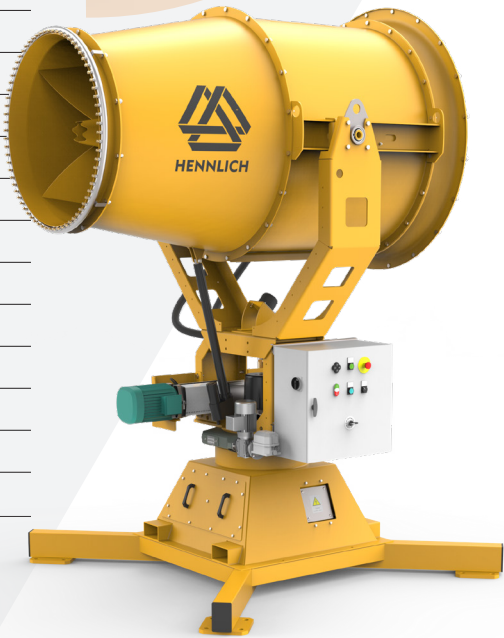
STANDARD DESIGN

- One stainless steel nozzle ring
- Nozzles made of brass
- Automatic horizontal rotation 0-350°
- Booster pump to control the correct working pressure
- Electrical vertical elevation
- Pressure gauge
- Water filter
- Electric control panel
- Standard mount: skid mounted

ADDITIONAL ACCESSORIES

- Remote control (wireless, min. range 100 m)
- Chemical additives for dust or odour suppression
- Additional pump to increase the inlet pressure
- Genset with roadworthy trailer (ideal for job sites lacking a convenient power source)

Technical specification	HE100
Throw (windless condition)	90-100 mts
Droplet size	50-150 µm
Engine power (fan)	30 kW (50 Hz) / 37 kW (60 Hz)
Booster pump	5,5 kW
Filter mesh size	500 µm
Horizontal rotation	0-350°
Vertical elevation	0-40°
Power supply	3 Phase, 400 V AC, 50 Hz
Water consumption	12 500 l/h (10bar)
Water connection	inner thread DN 40
Nozzles q-ty	72 pcs
Weight	1458 kg



100 m
max. range
of spray



FOG CANNON HE15-R



The wall-mounted spray cannon is a very effective device for control dust indoor. However, it can be used also outdoor.

APPLICATIONS & INDUSTRIES

- demolition & construction
- steel & slag
- waste transfer
- recycling & scrap
- wood processing
- material unloading / loading
- odour control

BASIC MODEL INCLUDES

- rear mounted axial fan
- high-efficiency spray nozzles
- water filter, pressure gauge
- automatic oscillation
- manual tilting
- installation kit for the easy assembly on the wall / under the roof

ADDITIONAL ACCESSORIES

- electric control panel
- wireless remote control



Technical specification	HE15-R
Throw (meters)	up to 15 (windless conditions)
Droplet size	50-150 µm
Fan	2,2 kW
Horizontal rotation	0-350°
Adjustable vertical elevation	up +15°, down -27°
Water consumption (l/h)	518
Nozzles quantity (pcs)	12
Power supply	1 x 230 V AC, 50 Hz



FOG CANNON HE15-RA

The wall-mounted spray cannon is a very effective device for control dust indoor. However, it can be used also outdoor.

APPLICATIONS & INDUSTRIES

- demolition & construction
- steel & slag
- waste transfer
- recycling & scrap
- wood processing
- material unloading / loading
- odour control

BASIC MODEL INCLUDES

- rear mounted axial fan
- high-efficiency spray nozzles
- water filter, pressure gauge
- automatic oscillation
- manual tilting
- installation kit for the easy assembly on the wall / under the roof

ADDITIONAL ACCESSORIES

- electric control panel
- wireless remote control

Technical specification	HE15-RA
Throw (meters)	up to 15 (windless conditions)
Droplet size	40-70 µm
Fan	2,2 kW
Horizontal rotation	0-350°
Adjustable vertical elevation	up +15°, down -27°
Water consumption (l/h)	180
Nozzles quantity (pcs)	1
Power supply	1 x 230 V AC, 50 Hz

