

# MobyDick Cannon Cart

Art. no. DCC-CART-0-000

Spraying unit with high-performance cone, MobyDick pump, filter unit and controls.



## Cannon Cart – a Cannon Line series model

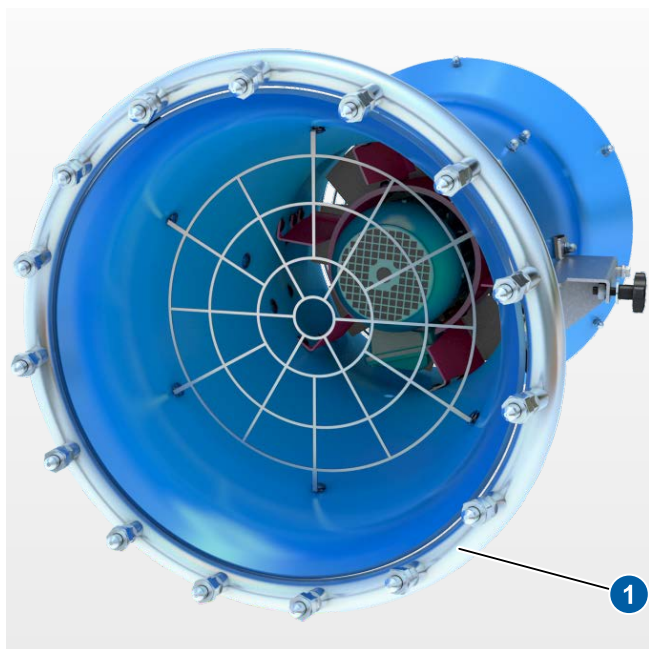
Cannon Line – Clean air for workers and the environment

The Cannon Line is a product group consisting of high-quality systems for dust control. Based on the traditional MobyDick development highlights, all models provide intuitive operation and require minimal maintenance. At the systems' heart lies the unique high-performance cone (turbine) of fibre-reinforced plastic, which ensures an outstanding range of action with minimal noise emissions.

With its compact size and low energy and water consumption, the Cannon Cart is the ideal solution for smaller dust sources that can be handled in close proximity.

### Function description

MobyDick Dust Control systems operate on the principle of binding dust using tiny water droplets. A modern high-pressure pump combined with a powerful filter system, the special nozzles and the aerodynamically shaped high-performance cone (turbine) ensure an optimal droplet size and spread. These are directed at the dust source by the nozzle ring. There, they bind with flying dust particles and cause them to quickly fall to the ground, resulting in a marked dust reduction that benefits the workers and the environment.



### High-performance cone

The high-performance cone (turbine) made of solid fibre-reinforced plastic is extremely resistant to corrosion, reduces noise and is easy to repair. With its special shape and the integrated air flow guide panels, it achieves a high level of efficiency. The generated air flow provides a powerful thrust that directs the water droplets accurately at the dust source. The nozzle ring with 15 replaceable special nozzles generates an optimal spray spread to combat dust.

### Specifications (without options)

• Spray distance (weather-dependent)	20 to 30 m
• Noise pressure	70 dB (A) <sup>1)</sup>
• Water through-put	12.5 l/min
• Number of special nozzles	15
• Swivel range	360°
• Inclination angle	-9 to +56°
• Ventilator power	2.2 kW
• Pump power	(max. 80 bar) 3 kW
• Power supply	400 V/50 Hz/16 A
• Electrical connection values	6 kW/12 A
• Water connection (GEKA®)	2 to 5 bar
• Weight (ready to ship)	245 kg
• Dimensions (H×W×L)	157×91×107 cm



### Detailed description/scope of supply

1. Nozzle ring with 15 special nozzles in stainless steel
2. High-performance cone of fibre-reinforced plastic
3. Integrated lifting system
4. Integrated two-level filter system
5. Manual vertical inclination device
6. Manual horizontal swivel mechanism
7. High-quality MobyDick pump
8. Control cabinet with intuitive operation
9. Robust, hot-dip galvanised steel frame

### Areas of application

- Demolition
- Construction sites
- Indoors
- Gravel plants and quarries
- Tunnel construction
- Recycling facilities
- Landfills
- Port facilities
- Other areas on request

<sup>1)</sup> Distance to the machine: 20 m