



Water mist powered by turbine force – for efficient fire protection from a safe distance.

The firefighting turbine MXOne is the perfect solution for protecting large areas with an increased risk of fire outbreak and spread. It protects assets wherever conventional systems reach their limits. Long throw distances, adjustable spray patterns, and the use of different extinguishing media ensure precise and efficient firefighting from a safe distance.

VERSATILE



Airports & hangars



Waste incineration & recycling plants



Substations & transformers



Tank and storage logistics



Paper & wood industry

ADVANTAGES AT A GLANCE

Unique 4-in-1 effect

MXOne combines several functions: extinguishing, cooling, smoke extraction, and binding pollutants.

Built for extreme applications

The robust turbine is designed for use in the harshest conditions. Even at high ambient temperatures and in harsh industrial environments, MXOne remains stable in operation.

Integrated controls

Allows for automatic execution of predefined extinguishing scenarios and manual alignment for precise and efficient firefighting via radio remote control.

Certified quality

Performance, effectiveness, and durability have been tested and certified by FM Global and other independent testing institutes.



| Technical Specifications | | |
|--------------------------|---|---|
| Length / Width / Height | 1,590 / 1,390 / 1,942 mm | 62.60 / 54.72 / 76.46 in |
| Weight | 1,000 kg | 2,205 lbs |
| Temperature range | -15°C to +50 °C | 5°F to 122°F |
| Air flow | 32,000 m³/h | 18,848 CFM |
| Air velocity at outlet | approx. 120 kph | approx. 75 mph |
| Fan power | 12.5 kW at 2,910 rpm | 12.5 kW at 2,910 rpm |
| Supply voltage | 50 Hz-variant: 400 V 60 Hz-variant: 480 V | 50 Hz-variant: 400 V 60 Hz-variant: 480 V |
| Nominal current | 50 Hz-variant: 34 A 60 Hz-variant: 29 A | 50 Hz-variant: 34 A 60 Hz-variant: 29 A |
| Operating pressure | 4 to 16 bar | 4 to 16 bar |
| Max. flow rate | 6,500 l/min | 1,717 gpm |
| Throw range | up to 100 m | up to 328 ft |
| Flow rate nozzle ring | up to 800 l/min | up to 211 gpm |
| Angle of inclination | -19° to +43° | -19° to +43° |
| Angle of rotation | 360° | 360° |
| Water connection | DN125 | 5" |
| LED spotlight | 2 x 3,000 lumens | 2 x 3,000 lumens |
| Extinguishing agent | Water with and without fluorine-free foam agent | Water with and without fluorine-free foam agent |

System solution

The MXOne can also be used as part of a stationary fire protection system, for example consisting of MXOne, water supply, valve stations, piping, industrial fire detectors, and a fire extinguishing and control panel. As a VdS-approved installation company, Minimax is responsible for the entire process from design to commissioning and subsequent maintenance.

Variants



Mobile version on trailer: For increased flexibility and quick positioning at the scene of a fire, MXOne can also be delivered on a trailer. Pre-installed connections for power and water make it easy to connect to the local supply.



MXOne on standard flat rack: Thanks to its own power and water supply, optionally with foam proportioning, firefighting can begin immediately at the site of operation. Water replenishment via the local supply is possible thanks to prepared connections.