



Firefighting turbine MXOne

Powerful. Versatile. Certified.

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 Approval 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 +55 °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.