

SE30W22 Hydraulic Positive Pressure Fan



The **SmokeEjector TYPHOON SE30W22** is a very high-capacity hydraulic solution designed for the targeted extraction of smoke, vapors, and contaminated air in large spaces. Driven by a **22 CH hydraulic turbine**, it operates without an electrical power supply, battery, or fuel at the unit itself.

It combines a high extraction flow rate with an integrated spray function that disperses a water mist into the airflow. Powerful, mobile, and connectable to hydraulic firefighting equipment, it meets the needs of fire departments, industrial sites, and specialized teams operating in heavily smoke-filled or contaminated areas.

A premium solution for extracting large volumes

Mounted on wheels and equipped with a carrying handle, the **TYPHOON SE30W22** can be moved and positioned as close as possible to the area to be treated. It is suitable for hangars, production halls, warehouses, tunnels, parking garages, large industrial facilities, and other spaces requiring high extraction capacity.

Its **30" / 782 mm** size delivers an airflow rate of **51,000 m³/h**. Weighing **75 kg**, it is designed for large-scale operations where extraction power takes precedence over compactness.

A 22 CH hydraulic turbine with no electric or internal combustion engine

Unlike an electric or combustion-powered exhaust fan, this model uses energy from a pressurized water supply to drive its turbine. This design eliminates the need for an electric motor, battery, or fuel tank on the unit.

Its **22 CH** hydraulic turbine is powered via a **Storz** coupling, making it easy to integrate with existing pumps, fire protection systems, and hydraulic equipment. However, it requires water pressure and flow rates that meet the unit's specifications.

Integrated misting to support smoke extraction

The TYPHOON SE30W22 features an integrated misting function designed to disperse a water mist into the airflow. This function helps suppress smoke, aerosols, and airborne particles during the extraction operation.

The misting function has an independent on/off control. The unit can thus be used for extraction alone or for extraction combined with misting, depending on the nature of the procedure and site protocols.

Technical Specifications

Technical Specifications – SmokeEjector TYPHOON SE30W22	
Product Type	High-capacity hydraulic smoke extractor with integrated misting system
Model	TYPHOON SE30W22
Drive	22 CH hydraulic turbine
Airflow	51,000 m ³ /h
Weight	75 kg
Nominal diameter	30" / 782 mm
Connection	Storz
Power source	Hydraulic power supplied by a pressurized water system
Additional function	Integrated spraying or misting with independent on/off control
Mobility	Wheel-mounted with carrying handle
Typical applications	Extraction of fumes and vapors in large spaces, with or without misting

Applications

- Fume extraction in hangars, warehouses, and large industrial buildings.
- Removal of vapors or stale air from halls, tunnels, parking garages, and covered structures.
- Ventilation of large spaces during firefighting or industrial operations.
- Targeted extraction in areas requiring a particularly high airflow rate.
- Additional removal of smoke and particles through integrated spraying.
- Operations at sites equipped with a fire suppression system or a suitable water supply.

FAQ – SmokeEjector TYPHOON SE30W22

Can the SE30W22 be used without activating the misting function?

Yes. The misting function has an independent on/off control. The SmokeEjector can therefore operate in extraction-only mode when the use of water mist is not desired.

What is the purpose of the built-in misting function?

It disperses a water mist into the airflow to help remove smoke, aerosols, and airborne particles. This function complements the mechanical extraction provided by the hydraulic turbine.

Does its 75 kg weight allow for portable use?

The fan is mounted on wheels and equipped with a handle to facilitate movement on suitable surfaces. However,

care must be taken when maneuvering it on slopes, stairs, uneven floors, or through narrow passages.

What are its main advantages for a large industrial site?

The TYPHOON SE30W22 combines **an extraction flow rate of 51,000 m³/h, a 22 CH hydraulic turbine, and an independent misting function**. It is an ideal solution for operators who need to quickly process large volumes without relying on an electric or internal combustion engine on the unit itself.