

## WA 50 F-500 P

### Description

Wheeled extinguishers offer the advantage of having larger quantities of fire-suppression agents available on sites with a higher risk of fire while mobility is maintained.

The fire-suppression agent of the WA 50 F-500 P consists of water with the additive F-500 encapsulator agent (3% added). This additive possesses the following very effective fire-suppression properties:

- Reduced surface tension
- Increased coverage
- Distinctly faster heat reduction
- Encapsulation of the fuels and combustible gases

The extinguisher is designed for use on Class A fires and is especially suitable for combating fires involving plastics, rubber, and batteries. Other applications are listed in the section *Examples of areas of application*.

The additive is stored in a special cartridge on the extinguisher and is released only when the extinguisher is activated. This makes this model particularly easy to service and eco-friendly.

Its three wheels make the WA 50 F-500 P very easy to move and manoeuvre, and the chances that a strong tug on the hose will tip it over are very small.

The 100% pressure-tested cylinder is pressurized only in case of fire (charging technique). Nitrogen is used as the propellant, which makes the internal pressure much less temperature dependent than carbon dioxide. A standard safety valve ensures protection against overpressure.

Compared with the internally coated steel tanks commonly found on the market, the stainless steel tank offers distinctly better protection against external and internal corrosion. The corrosion protection is supplemented by the use of stainless steel and/or brass fittings.

A special pressure reduction valve ensures constant pressure during spraying, resulting in consistent throw distance of the fire-suppression jet. The multi-purpose nozzle produces a highly effective spray that adequately protects the user even when applied to electrical installations carrying up to 1000 V at a minimum distance of 1 m.

The WA 50 F-500 P comes standard with a 5 m hose; a 10 m hose is available as an option.

### Applications

- Manufacturing and processing industry
- Assembly operations, especially with small load carriers
- Repair workshops
- Car dealerships
- Tire manufacture and storage
- Plastic manufacture and processing



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- Stockyards (including mixed waste)
- Recycling and disposal operations
- Shredders
- Cement works
- Battery manufacture, storage and charging stations
- Photovoltaic installations
- Glass manufacture
- Garages
- Approval and testing authorities

### Special Features

- 100% pressure-tested stainless steel cylinders
- Weatherproof plastic external coating
- Safe charging operation (the cylinder is pressurized only after activation)
- Nitrogen propellant (less temperature dependent than carbon dioxide)
- Manual valve on the nitrogen canister with overpressure protection (rupture disk)
- Stable pressure for the full duration of the spraying period due to pressure reduction valve
- Additional safety valve in the cylinder top
- Non-return valve in the nitrogen supply line
- Pressure-tested hose with fire-suppression gun
- Discharge can be adjusted and turned off at any time
- Spray gun with multi-purpose nozzle
- Very effective spray
- Large cylinder opening simplifies maintenance
- Extinguisher approval to DIN EN1866 and the Pressure Equipment Directive (EC)

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## Special Features (Continued)

- Meets specifications for use on electrical installations (up to 1000 V, 1 m minimum distance)
- Highly effective fire-suppression agent for use on Class A fires, especially plastics, rubber, synthetics, vehicles, batteries
- Fluorine-free fire-suppression agent
- No reduction of visibility during fire-suppression, unlike with powder extinguishers
- Safe and simple operation

- Application at temperatures between +5 °C and +60 °C
- Stable undercarriage with large main wheels
- Corrosion-resistant stainless steel axle
- Easy manoeuvring with third wheel (swivel caster)
- Little chance of the unit falling over due to the third heel (swivel caster) and hose connected to the bottom
- Discharge range 6 m to 8 m

<b>Technical Data</b>		
	<b>Fire-suppression agent</b>	50 L water/F-500 mixture (3%)
	<b>Propellant</b>	Nitrogen
	<b>Approvals</b>	EN 1866 , CE*
	<b>Temperature</b>	+5 °C to +60 °C (not frost resistant)
	<b>Dimensions</b>	Height: 980 mm Width: 467 mm Depth: 520 mm
	<b>Weight (full) approx.</b>	>88 kg
	<b>Discharge time approx.</b>	110 s
	<b>Rating</b>	A
	<b>Item no.</b>	711150 (with 5 m hose)
<b>Optional equipment</b>	Plastic cover, transparent (item no. 907740) Plastic cover, red (item no. 607055)	
<small>Technical changes reserved</small>		

\* Pressure Equipment Directive 97/23/EC

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