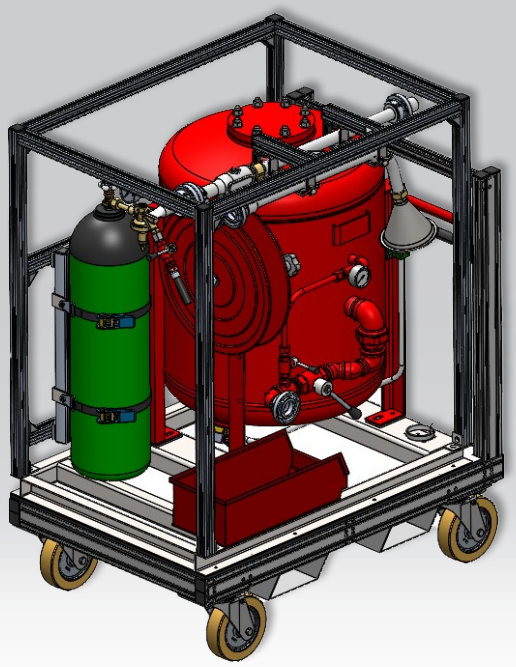
MINIMAX

MOBILE SERVICES



MOBILE POWDER EXTINGUISHING SYSTEM IN A CONTAINER ON WHEELS

P 250 RC (D) and P 250 RC (D) Light

PRODUCT

- Fire extinguishing systems using metal fire extinguishing powder are ideal for suppressing developing fires of fire class D.
- Fires involving metals cannot be extinguished in the conventional manner. The powder must be applied almost pressureless with a special type of sprinkler applicator in a thick layer covering the burning metal, where it forms a dense and viscous melt.
- This inhibits the inflow of oxygen to the source of the fire. The melt serves to isolate the fire and thus prevents the surrounding areas to heat up even more. In addition, it prevents the reignition of the fire.

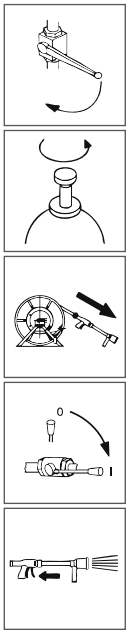
APPLICATION

- Metal fire extinguishing powder is used to combat burning light metals and their alloys.
- Typical application areas are:
  - Alkali metals, e.g., lithium, sodium, potassium
  - Earth alkali metals, e.g., barium, calcium, strontium
  - Light metal alloys
  - Uranium, zirconium
  - Organometallic compounds

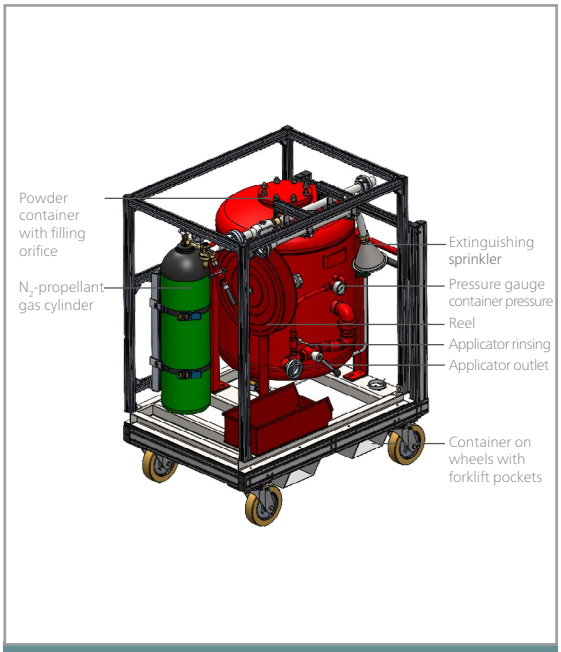
YOUR ADVANTAGES

- The ideal extinguishing agent for metal fires Substantial stock of extinguishing agent
- Long shelf life of the extinguishing agent
- Excellent extinguishing effect due to a three-dimensional powder cloud
- The extinguishing agent jet is adjustable at all times meaning flow control is easy
- High level of operational safety
- Maintenance-friendly
- Easy operation
- Flexible transportability
- Safe to use thanks to a deadman brake
- High-quality materials

FUNCTION



1. Open test valve.
2. Rotate cylinder valve anticlockwise.
3. Roll out the hose, making sure it is free of kinks.
4. After reaching approx. 8 bar container pressure, open the applicator shut-off valve.
5. Aim the applicator at the fire and press the trigger.



- When opening the cylinder valve, propellant gas flows through the connecting line and through the gas injection into the extinguishing agent container. This causes the extinguishing powder to swirl around. After pressing the shut-off valve at the powder outlet, the powder is propelled into the extinguishing hose and is applied on the burning material when the sprinkler applicator is activated. The extinguishing powder flow stops when the applicator lever is released. By alternately pressing and releasing the applicator lever, fires that have formed glowing embers can be extinguished through short bursts of extinguishing powder.
- Close the cylinder valve after ending the use of the fire extinguisher. Rinse the hose and reduce the container pressure by opening the rinse valve. The device must be refilled and prepared for operational readiness without undue delay, and the empty nitrogen cylinder must be replaced by a full one.

MAINTENANCE

- Extinguishing systems must be regularly maintained by certified experts.
- All maintenance and filling tasks are to be carried out by your Minimax Service.

TECHNICAL DATA

Model	Extinguishing agent capacity kg	Extinguishing agent	Propellant gas	Test pressure bar	Operating pressure (max. PS) at +60 °C approx. bar	Temperature function range °C	Performance classes D	Width approx. mm	Height approx. mm	Length approx. mm	Weight approx. kg
P 250 RC (D), P 250 RC (D) Light	250	D extinguishing powder	Nitrogen	20,2	13	-20 to +60	✓	800	1200	1200	570

Technical alterations reserved

Model	Chassis	Forklift pockets	Extinguishing agent container*	Propellant gas container	Release	Extinguishing control device	Safety components
P 250 RC (D)	Container on wheels, casters with directional locks, with deadman brake	yes	Filling nozzle in upper section	Nitrogen cylinder, content 25 l, filling pressure 200 bar	Manual system activation using the rotary valve	30 m Faltschlauch C32 mit Löschpistole	Sicherheitsventil
P 250 RC (D) Light	Container on wheels, 2 fixed casters + 2 casters with directional locks, with deadman brake	no	Filling nozzle in upper section	Nitrogen cylinder, content 25 l, filling pressure 200 bar	Manuelle Anlagenauslösung über das Drehventil	20 m Faltschlauch C32 mit Löschpistole	Sicherheitsventil

* Pressure container, approved according to Pressure Equipment Directive 2014/68/EU ** approved according to the Directive on transportable pressure equipment 2010/35/EU

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