

Handheld nozzle HYDRO-WICK® penetration for peat, lignite, and straw fires, as well as underground fires



The **HYDRO-WICK® penetration-type firehandheld nozzle** is specially designed to combat **underground fires** and hard-to-reach fire sources. Thanks to its steel penetration tip and high-pressure nozzles, it allows water to be injected directly into the heart of the fire to cool the burning materials and prevent the fire from reigniting.

This handheld nozzle is particularly well-suited for **peat fires, lignite fires, root fires, straw bale fires, wood chip piles, compost, sawdust, and other slow-burning fuels**. It is an essential piece of equipment for fire departments, farmers, the wood industry, and fuel storage facilities.

Why use a penetration-type fire handheld nozzle?

Fires involving highly compacted or buried materials are particularly difficult to extinguish. Applying water to the surface often fails to reach the internal hot spots, which continue to smolder for several hours or even days.

The HYDRO-WICK® handheld nozzle is designed to **penetrate directly into the burning material**. Water is sprayed under pressure through multiple orifices distributed across the tip, allowing for deep cooling and significantly reducing the risk of reignition.

An effective solution for difficult fires

Thanks to its reinforced penetration tip, the HYDRO-WICK® handheld nozzle can be inserted into various materials to deliver water directly to the heart of the fire:

- Straw bales and bundles
- Haystacks
- Peat bogs
- Lignite
- Piles of sawdust and wood chips
- Compost
- Landfills and organic waste
- Fires involving roots and stumps

This method significantly reduces water consumption while improving fire suppression efficiency.

Robust design for intensive operations

The HYDRO-WICK® handheld nozzle is made of high-strength steel to withstand the stresses of penetration operations. It is equipped with a **high-pressure ball valve** that allows for precise flow control and immediate shutdown of the water supply.

The ergonomic handles facilitate a secure grip during penetration operations and improve comfort during field use. The unit comes with a **pre-connected 3-meter Myti-Flo® hose**, allowing for quick connection to a motor pump or a water supply system.

Technical Specifications

- **Type:** Fire penetration handheld nozzle
- **Application:** underground fires and compacted materials
- **Tip:** steel with high-pressure nozzles
- **Control:** high-pressure ball valve
- **Handles:** Ergonomic with protective covers
- **Hose included:** 3-meter Myti-Flo® pre-connected
- **Compatible with:** suitable motor pumps and fire protection systems

Professional applications

- Departmental Fire and Rescue Services (SDIS)
- Straw and hay bale fires
- Peat bog fires

- Lignite fires
- Wood industries
- Farms
- Composting facilities
- Biomass storage sites
- Fires made from roots and stumps
- Landfill fires

MMF: Specialist in Specialized Firefighting Equipment

MMF selects high-performance equipment designed for the most demanding operations. The HYDRO-WICK® penetration handheld nozzle ment complements the product line designed for wildfires, agricultural fires, and underground fires, alongside motor pumps, forestry hoses, HYDRO-WICK® accessories, and specialized firefighting equipment.