# FP Firefighting Piercing Kit

DYNASET FP Firefighting Piercing Kit uses a mobile machine’s hydraulic system as a power source to produce piercing power and high-pressure water for fire extinguishing.

High pressure water

**FP FIREFIGHTING PIERCING KIT**

## Key Benefits

It enables a firefighting team to pierce through windows, walls, and roofs to extinguish a fire with high-pressure water mist before firefighters enter the room.

* High-pressure water mist suppresses fire and drastically lowers room temperature
* Safe way to lower temperature of superheated gasses to prevent backdraft
* Enables safe entrance for firefighters
* Extinguishes rooms that would be either hard or too dangerous to enter
* Smaller water damages when distinguishing due to low water consumption
* Operated remotely
* Fast and easy to use
* Low water consumption
* Saves time, space, water damages, lives, and resources
* Easy installation on all hydraulic systems
* Reliable
* Compact
* Eco-friendly
* Two-year or 2000 hour warranty

## Features

In addition to the optimized water flow, which minimizes the water damages caused to the buildings in firefighting, there is useful features.

* Remotely operated piercing tool
* Effective fire extinguishing with high-pressure water mist
* Optimal water consumption due to small droplet size
* Integration on a rescue or firefighting vehicle
* Uses a vehicle’s hydraulic system as power source
* Piercing tool located on the vehicle’s boom

## Applications

* Fire fighting
* Remote fire extinguishing and piercing windows, roofs, light walls, doors.

## How Does the Firefighting Piercing Kit Work?

The FP Firefighting Piercing Kit utilizes a vehicle’s hydraulic system as a power source to produce high-pressure water and operate the piercing tool.

1. Hydraulic oil flow is led to HPW Hydraulic High Pressure Water Pump through the pressure line
2. The Hydraulic High Pressure Water Pump converts the hydraulic oil flow and pressure into high-pressure water for fire extinguishing
3. The hydraulic oil is led back to vehicle’s hydraulic oil tank through the return line
4. The hydraulic oil flow and pressure of the vehicle’s hydraulic system is also used to provide power for the piercing tool.
5. The piercing head is launched through the wall or window and it automatically begins to spray high-pressure water mist in the room to extinguish the fire
6. The system is controlled remotely