

CCS COBRA

SMIT Salvage introduced a new and revolutionary method for efficient fire fighting containers.

CCS COBRA is an efficient tool for piercing and cutting in all types of material. The water jetting technique for cutting is producing a spray and mist which has a cooling and extinguishing capability. This water jetting method has a broad range of applications in rescue works and in fire fighting. The Cutting Extinguisher consists of following main parts:

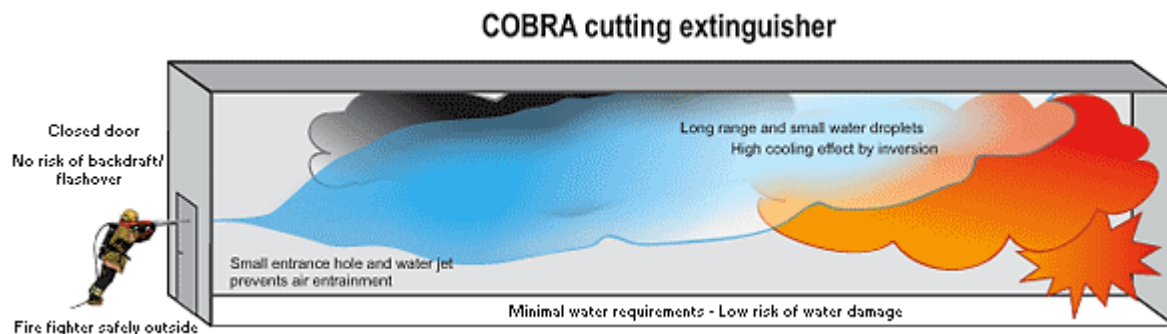
- A high pressure water pump - 300 bar/50 liters per minute
- Slurry pressure cylinder of 20 liters
- Panel for flow control
- Hydraulically operated lance for cutting and extinguishing

CCS COBRA is a patented system specially developed as a rescue and fire-fighting tool CCS AB, Sweden has employed and developed the cutting methods and the fire fighting techniques since 1988.

Firefighting with the CCS COBRA

CCS COBRA may cut any size of hole in a roof, wall, door of a container in order to ventilate/evacuate heat and smoke. At the same time as cutting takes place the water-mist transforms into steam. This process consumes a lot of energy taken from the heat of the fire. The environment around the fire is cooled down as well as oxygen is consumed and dampening the fire.

CCS COBRA has a very efficient extinguishing capability with the use of a limited amount of water, whereby the secondary damages from water and destroyed constructions can be minimized. The mist of water, created by the high pressure and by the patented nozzle, transforms into steam when it reaches the fire. This transformation from mist to steam is cooling down the heat of the often dangerous gazes and at the same time extinguishing the fire.



Working in hazardous areas

CCS COBRA and its patented cold cutting method facilitates cutting in hazardous areas. Cutting takes place with no appreciable temperature rise and is the safest known cutting method for use in flammable environment.