



## 1. CCS-Cobra – The Company

CCS-Cobra is a privately held company with its headquarters in Kungsbacka on the Swedish West Coast. The company was founded in 1988. At that time CCS-Cobra was specializing in the industrial cutting of metals and other materials using high-powered water jets.

Lars G. Larsson, founder and owner of CCS-Cobra, realized that the water jet on the other side of the cut might have other interesting applications. A project was subsequently started with Räddningsverket (the Swedish Rescue Services Agency) to investigate and develop a new and revolutionary tool that utilized both the cutting and the fire extinguishing capabilities of the technology. The result was the highly successful Cobra Cutting Extinguisher. Prototypes of the new product were ready in 1997 and the first commercial products were released in 2000.

Today the Cobra is rapidly gaining acceptance by fire and rescue services in and out of the Swedish home market. To date it has been sold to 14 countries around the World. It can be delivered in both a hand lance and a fixed cage mounted lance version.

CCS-Cobra also has a few other products in the portfolio based on the same cutting technology. The Cold Tap is a tool for the safe removal of explosive gases and liquids during accidents with tankers or pipelines. The Silo Cutter is a tool for cutting holes in silos without risking igniting the contents.

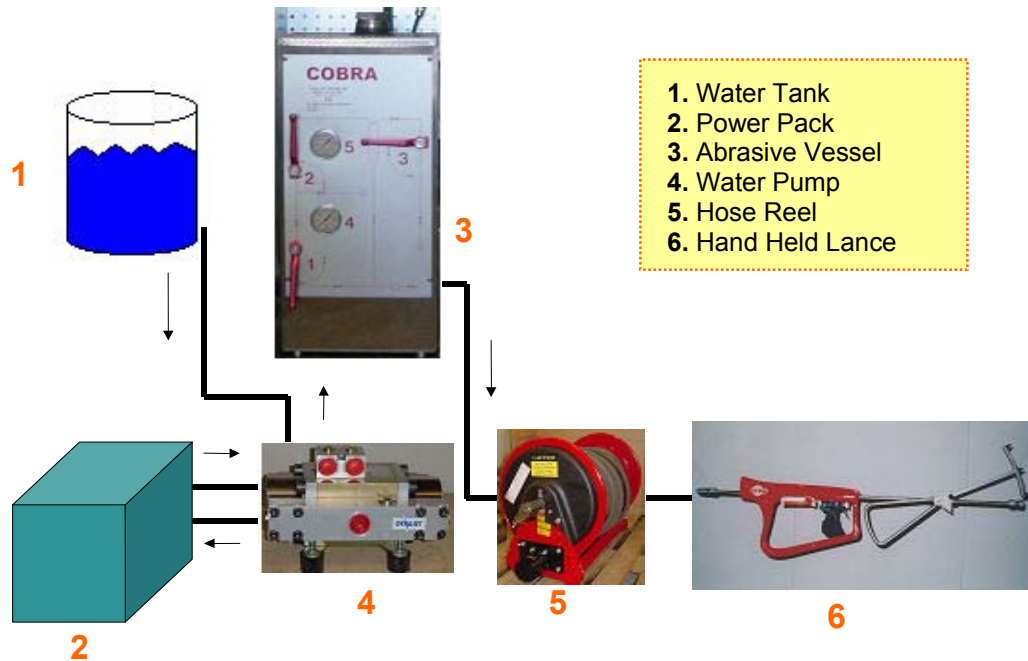
**The guiding principles for CCS-Cobra is to develop and provide tools for the fire and rescue service industry to:**

- Increase safety for fire men and rescue staff
- Improve efficiency and speed on site
- Reduce damage and cost for victims and insurance companies

Please also visit our web site at [www.ccs-cobra.com](http://www.ccs-cobra.com) for more information and pictures.

## 2. Our Technology and Products

System overview:



### Cutting Extinguisher - Hand Lance System



A vehicle equipped with a CCS-Cobra hand-lance is a self-contained unit that can be put into service immediately upon arrival at the scene of an accident or a fire. It carries its own power supply and water and with all hoses and tools already connected it is just to roll out the hand-lance and to get going.

The system can be mounted on a dedicated vehicle, such as a van, or on a larger fire truck where it will be one of many tools. It can also be post-fitted onto existing fire trucks.

### Cutting Extinguisher - Cage Lance



The Cage Lance is mounted on a cage and makes it possible to fight fires on roofs and other hard to reach and dangerous places while reducing the risk for the staff involved.

### Cold Tap



The Cold Tap makes it possible to remove explosive gases and liquids by cutting a hole in a tank or pipeline with a water jet and then safely remove the content.

### 3. Applications

The CCS-Cobra equipment can be used:

- to avoid having personnel inside a building on fire
- when conditions are dangerous.
- to minimise water damage.
- to save time.
- when fire location is difficult to reach.
- when spread of fire is a big problem.
- when the fire is big and increases

Typical applications for CCS-Cobra products:

- Fires in roofs and ceilings
- Fires in cellars and underground
- Fires in other hard to reach places
- Apartment fires.
- Fires in airplanes, trains, busses, ships.....
- Fires in closed and concealed areas
- Fires in insulated walls.
- Fires in silos and containers.
- To puncture gas cylinders.
- Holes for ventilation purposes.
- Forrest and bushfires.
- Cold tapping (instead of hot tapping).

**S**afety

**A**voids damage

**F**ast deployment

**E**fficient

**C**onfined spaces

**O**rganizational benefits

**B**udget friendly

**R**eady now

**A** perfect solution !