

## COBRA COMPACT - PART OF AN INTEGRATED RESPONSE MODEL WE CALL: COLDCUT™ COBRA METHOD

Cold Cut Systems recognise that the method is as important as the product. When it comes to developing confidence in fire fighting innovations, we as a company invest a lot of time, effort and resources to ensure that innovation in the method keeps pace with innovation of the product.

Cold Cut Systems works closely with independent researchers and government agencies in Sweden and internationally to advance the operational, academic and technical understanding of the cutting extinguisher concept. Basically it can be described in three stages:



### Safer Fire Fighting

Internal fire fighting is a high-risk activity. The coldcut™ cobra offers an alternative method that provides the advantage of a rapid first attack from a safe position outside the fire compartment. It can penetrate all known building and construction materials very quickly.

The efficient use of a very small volume of water directed as a powerful jet into the fire compartment provides the means to rapidly cool the fire gases creating a much safer environment for responding firefighters.

### Efficient Fire Fighting

When used at an early stage, the coldcut™ cobra will cool and rapidly control the development of the fire, providing for a faster and more effective entry into the fire compartment. This enables a more effective transition to traditional fire fighting methods creating valuable time for incident commanders to tactically control and manage the incident.

The use of IR cameras for directing the coldcut™ cobra attack, combined with ventilation techniques, is a proven tactic which has been applied in many incidents with great success.

### Saving Environment

Conventional fire fighting uses large volumes of water. This is not only a problem related to property damage, but it also adds the risk of contaminating ground water as well as other water resources.

The water usages of a coldcut™ cobra attack, when performed at an early stage of the fire development is minimal, thus substantially limiting the risk of environmental impact. Airborne toxic emissions from poisonous fire gases are also considerably reduced.

## COLDCUT™ COBRA ACADEMY - A PART OF THE SOLUTION

Cold Cut Systems provides various training alternatives through the coldcut™ cobra academy (CCA), which is the part of the company where training and methodological issues are handled.

We offer our two days Operator course to the coldcut™ cobra cutting extinguisher. The course is a combination of theory and practical exercises and is ideal for you with your new Cobra Compact.

### Operator Course:

- Fire dynamics, water as an extinguishing agent.
- High pressure firefighting (unique points)
- Design and function
- Safety
- Environmental issues
- Analysis of real fires
- Cutting exercises and live fire exercise
- Demonstration of combined attack IR-camera, coldcut™ cobra and PPV



# A World of Safe, Clean and Efficient Fire Fighting

cobra  compact

Safer Fire Fighting  
Efficient Fire Fighting  
Saving Environment



MADE IN SWEDEN

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## COLD CUT SYSTEMS - WORLD LEADER IN CUTTING EXTINGUISHING TECHNOLOGY, NOW EVEN FASTER AND MORE FLEXIBLE

The Cobra Compact, as the name implies, provides a more compact version of the Cobra, which is ideally suited to smaller vehicle configurations. Cobra Compact has been developed to maximise flexibility and to complement the wider family of Cobra systems.

### Some examples of areas that benefit from a Cobra Compact:

#### 1. Rapid Intervention Units:

As a complement to the heavy appliances in your fire & rescue service.

#### 2. Rural areas and hard to get to areas:

With a smaller more agile vehicle and the Cobra Compact versatility you will be able to get great results even in difficult areas, reach remote villages with difficult terrain such as snow and mud or traverse limited access roads and narrow bridges.

#### 3. Part Time Fire and Rescue Service:

When you need to operate with flexible crewing and have restricted training time Cobra Compact can provide a distinct advantage.



## EASY TO CONFIGURE, ORDER AND INSTALL

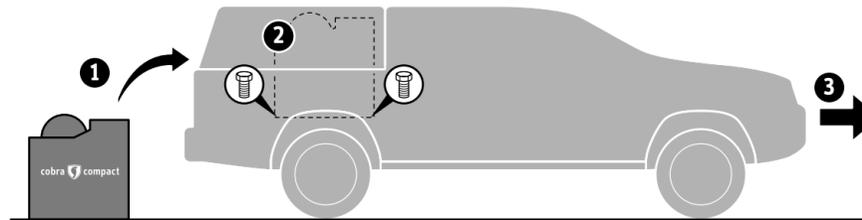
Its self-contained design means it is capable of rapid transfer from a pre-packed frame unit into an operational unit ready to work! As easy as it gets!

A 40 lpm, 200-bar system optimised to obtain maximum efficiency from an integral petrol engine, which can be easily fitted to a wide range of vehicles.



### Cobra Compact in short:

- Frame Unit dimension: L x W x H = 800 x 800 x 1200
- Weight: 375 kg
- Performance: 37-42 lpm and 180-200 bar
- MPN - Multi Purpose Nozzle as standard
- Option - with or without water tank



## OPTIMIZED CAPACITY IN MINIMAL PACKAGING



### The need of being small and more flexible

Across Europe and the wider world we see evidence of smaller rapid response vehicles being integrated with more traditional firefighting units, with firefighting organisations aiming to move from a singular response method to a variety of firefighting platforms, traditional trucks, smaller rapid response, heavy rescue, and specialist.

Cold Cut Systems prides itself on its ability to respond to customer needs and Cobra Compact is the latest example that comes from a position of analysing the way firefighting response is developing across our markets with regard to smaller and more flexible firefighting vehicles.



### Versatile Capability

The Cobra Compact is also equipped with an MPN as standard and in combination with Cobra extinguisher it provides an enhanced efficient and effective capability to manage many different firefighting scenarios, such as car fires, outdoor fires, damping down, decontamination and foam attack.

The Cobra Compact and incorporated MPN will provide a highly versatile capability. Perfectly matched to smaller self-contained units and when fully integrated into a response model will provide highly flexible options for users, at both strategic and operational levels.

With this combination, it is envisaged that Cobra Compact will meet this growing requirement and significantly expand the options for a full solutions based approach to meet the needs of a wide variety of firefighting environments.

### Future

As firefighting organisations look to the future, Cobra Compact will add more opportunity and flexibility to the way that operational response can be configured, extending the solutions based approach to firefighter safety, firefighting efficiency, and environmental protection, that sits at the heart of the Cobra family of systems.