



## coldcut™ cobra C 360 Kit



The Cold Cut™ Cobra fire extinguishing technique combines abrasive water jet cutting with water spray extinguishing.

The high water jet pressure allows for the cutting abrasive to rapidly penetrate all known construction materials, creating an efficient high velocity firefighting water mist, once the penetration has been made.

The method offers a safe attack on interior fire and on fire gases from an outside position.

The C 360 Kit is a cutting extinguisher system (58 lpm) designed for vehicle based installation in all kinds of fire trucks. This Kit is delivered with its interface at the outgoing shaft of the high pressure water pump and includes main components to the hand lance.

The power source to the high pressure water pump must be engineered by the coachbuilder – please refer to the technical specifications.

The C 360 Kit is a versatile platform for use with Cold Cut Systems™ range of accessories.



P.O. Box 10181  
SE-434 22 Kungsbacka

phone +46 300 40 41 00  
fax +46 300 40 41 19

info@coldcutsystems.com  
www.coldcutsystems.com

data	standard	options
<b>Performance</b>	Water flow: max. 58 lpm Pressure at pump: 250-300 bar	
<b>Supply from vehicle</b>	Electric: 12/24 V DC, 55 Ah min Water: 1-8 bar, flow >70 lpm, filtered 80 MESH // 177 µm to water pump 1450 rpm, min 220 Nm	Battery charger
<b>Power source</b> Power source not included	Water pump L x W x H = 360 x 420 x 220 mm Weight 43 kg	
<b>Abrasive vessel</b>	10 liters ( ≈ 4 min cutting) L x W x H = 380 x 320 x 920 mm Weight 67/90 kg (dry/wet full)	20 liters ( ≈ 8 min cutting) L x W x H = 380 x 320 x 1230 mm Weight 85/130 kg (dry/wet full)
<b>Hose reel</b> Electric retraction, 12/24 V DC	1/2" 80 meters hose L x W x H = 450 x 830 x 520 mm Weight 78 kg	1/2" 100 meters hose L x W x H = 450 x 830 x 520 mm Weight 89 kg  Lengths > 200 m contact Cold Cut Systems
<b>Hand lance</b> incl. adjustable cutting support	Nozzle 2.3 mm L x W x H = 1320 x 100 x 420 mm Weight 6 kg	Short hand lance (L = 900 mm) with fixed cutting support Weight 5 kg
<b>Control system</b> incl. radio communication	Relay control system	N/A
<b>Foam pump</b> < 1,5 % mixture class A detergent ≈ 4 lpm water consumption		10 or 23 liter tank 12/24 V DC L x W x H = 300 x 140 x 190 mm Pump weight 10 kg
<b>Tank - water</b>		270 liter with autofill and with/ without level control Weight 20 kg (empty)
<b>Oil</b>	Water pump: Holst 100 2.6 liter	
<b>Cutting performance (*)</b> - 3 mm mild steel - 10 mm mild steel (* values valid for 28 lpm system)	<b>Penetration</b> 5-10 sec 30-40 sec	<b>Cutting speed</b> ≈ 100 mm/min ≈ 40 mm/min

All given weights and dimensions are indicative only.

An assembly kit is a partly completed machine supplied with assembling guidelines and other documentation.

Relevant demands under EN 1846-3 (Permanently installed equipment for fire fighting and rescue service vehicles) should also be taken into consideration by the coachbuilder. One such demand is frost protection.

The coldcut™ cobra cutting extinguisher system is patented. Cold Cut Systems AB reserve the right to make alterations without prior notice. Contact Cold Cut Systems AB for further information.