



## coldcut™ cobra C 360 B 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 B (Beltdrive) Kit is a cutting extinguisher system (58 lpm) designed for vehicle based installation in Mercedes Sprinter fire trucks. Contact Cold Cut Systems AB for other vehicle configurations.

This Kit is delivered with all main components from the hand lance to the PTO.

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



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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 PTO: 1700 rpm, min 190 Nm a) Extra gear box cooling necessary b) Only applicable to manual gearbox // Please contact Mercedes Benz //	Battery charger
<b>Power source</b>	Belt transmission (48:56) incl water pump L x W x H = 450 x 400 x 550 mm Weight 95 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	CAN bus	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 L x W x H = 440 x 840 x 1110 mm 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.



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