



coldcut™ cobra C 360 Kit

The coldcut™ 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 coldcut systems™ range of accessories.



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data	standard	options
Performance	Water flow: max. 58 lpm Pressure at pump: 250-300 bar	
Supply from vehicle	Electric: 12/24 V DC, 55 Ah min Water: 2-8 bar, flow >70 lpm, filtered 60µm to water pump 1450 rpm, min 220 Nm	Battery charger
Power source Power source not included	Water pump L x W x H = 360 x 420 x 220 mm Weight 43 kg	
Abrasive vessel	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)
Hose reel 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 CCS Hose guide
Hand lance 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 On/Off - foam Weight 5 kg
Control system incl. radio communication	Relay control system	N/A
Foam pump < 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
Tank - water		270 liter with autofill and with/ without level control, L x W x H = 440x840x1110mm Weight 20 kg (empty)
Oil	Water pump: Holst 100 2.6 liter	
Cutting performance (*) - 3 mm mild steel - 10 mm mild steel (* values valid for 28 lpm system)	Penetration 5-10 sec 30-40 sec	Cutting speed ≈ 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.

Because of various designs of the vehicles of installation, cables, hoses, high pressure lines/coupling between modules of the assembly kit are not included. These items should preferably be sourced locally, by the local coachbuilder.

Cold Cut Systems Svenska AB reserve the right to make alterations without prior notice.



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