



coldcut™ cobra

C 360 P 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 P Kit is a cutting extinguisher system (56 lpm) with twin four stroke petrol engines, designed for vehicle based installation and may be assembled as an autonomous unit in most trucks without regard to the gearbox or to the power transmission.

The unit can be operated via a relay control system or a CAN bus control system and may be used as a 28 lpm unit, by changing the hand lance nozzle.

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



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data	standard	options
Performance (20° C, normal air pressure and normal atmospheric humidity)	Water flow: max. 56 lpm Pressure at pump: 250-300 bar	
Supply from vehicle	Electric: 12 V DC, 55 Ah min Water: 1-8 bar, flow >70 lpm, filtered 80 MESH // 177 µm	Battery charger
Power source	Double petrol carburetor engines 2 x 27 hp (SAE J1940) L x W x H = 2 x (800 x 550 x 520 mm) Weight 2 x 102 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 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
Hand lance incl. adjustable cutting support	Nozzle 2.3 mm (=> 56 lpm) L x W x H = 1320 x 100 x 420 mm Weight 6 kg	Nozzle 1.6 mm (=> 28 lpm) Short hand lance (L = 900 mm) with fixed cutting support Weight 5 kg
Control system incl. radio communication	Relay control system	CAN bus control system
Foam pump < 1,5 % mixture class A detergent ≈ 4 lpm water consumption		10 or 23 liter tank 12 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 = 440 x 840 x 1110 mm Weight 20 kg
Tank - fuel	20 liter (≈ running time 70 min) Weight 4.5 kg	
Oil	Gearbox: T55 8W-140 0.35 liter (x2) Engine: T500 10W-30 1.6 liter (x2) Water pump: Holst 100 1.04 liter (x2)	
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.

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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