



coldcut™ cobra C 360 P frame unit

The coldcut™ cobra fire extinguishing technique combines abrasive water jet cutting with water spray extinguishing.

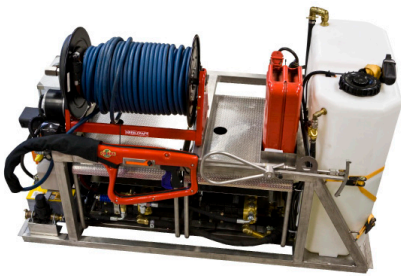
The high water jet pressure allows for the cutting abrasive to rapidly penetrate all known construction materials, creating an efficient high velocity firefighting water mist, once the penetration has been made.

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

The C 360 P frame unit is designed for good handling flexibility, allowing for smooth changes between air - sea - land based carriers to a rescue scene.

The unit is a cutting extinguisher system (56 lpm) with twin four stroke petrol engines and may also be operated as a 28 lpm system, by changing the hand lance nozzle.

It is also a versatile platform for use with coldcut 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	
Power source for pump	Double petrol carburator engines 2 x 27 hp (SAE J1940) including 12 V DC battery 55 Ah	Battery charger
Abrasive vessel	10 liters (≈ 4 min cutting)	20 liters (≈ 8 min cutting) (*)
Hose reel Electric retraction	1/2" 80 meters hose	1/2" 100 meters hose Additional hose reel outside frame - Lengths > 200 m contact CCS Hose guide
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	Short hand lance (L = 900 mm) with fixed cutting support Weight 5 kg On/Off - Foam
Control system incl. radio communication	Relay control system	N/A
Foam pump < 1,5 % mixture class A detergent ≈ 4 lpm water consumption		Foam pump with 10 or 23 liter tank Pump weight 10 kg
Tank - water	270 liter with autofill	Level control
Tank - fuel	20 liter (≈ running time 70 min)	N/A
Oil	Gearbox: T55 8W-140 0.35 liter (x2) Engine: T500 10W-30 1.6 liter (x2) Waterpump: 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
Weights and dimensions	Dry weight: 570 kg Wet weight: 880 kg L x W x H = 1970 x 910 x 1200 mm	(*) Height to be increased 200mm when installation of 20 liters vessel L x W x H = 1970 x 910 x 1400 mm

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