



coldcut™ cobra

C 360 D 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 D frame unit is designed for good handling flexibility, allowing for smooth changes between air - sea - land based carriers to the work scene.

The unit is a heavy duty cutting extinguisher system (58 l/min) powered by a 4 cylinder diesel engine, and suitable for both rescue work and for industrial cutting/decommissioning with the ability to cut without heat.

The C 360 D frame unit 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. 58 lpm Pressure at pump: 250-300 bar	
Power source for pump	2200 cc Diesel engine 48 hp (SAE 1995) with integrated water cooler including 12 V DC battery 55 Ah and battery charger	Hydraulic pump for accessories / Specify at time of order /
Abrasive vessel	20 liter (≈ 8 min cutting)	N/A
Hose reel Electric retraction	1/2" 80 meters hose	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 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
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 liter tank Pump weight 10 kg
Tank - water	270 liter with autofill	Level control
Tank - fuel	20 liter (≈ running time 110 min)	N/A
Oil	Engine: API CC/CD 10W-30, 8.4 l 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
Weights and dimensions	Dry weight: 950 kg Wet weight: 1290 kg L x W x H = 2250 x 1000 x 1580 mm	

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



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