



## coldcut™ cobra

# C 330 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 330 P Kit is a cutting extinguisher system (28 lpm) with a four stroke petrol engine, 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.

The C 330 P Kit is a versatile platform for use with Cold Cut Systems™ range of accessories.



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# coldcut™ cobra C 330 P Kit

data	standard	options
<b>Performance</b> (20° C, normal air pressure and normal atmospheric humidity)	Water flow: max. 28 lpm Pressure at pump: 250-300 bar	
<b>Supply from vehicle</b>	Electric: 12 V DC, 55 Ah min Water: 1-8 bar, flow >35 lpm, filtered 80 MESH // 177 µm	Battery charger
<b>Power source</b>	Single petrol injection engine 27 hp (SAE J1940) L x W x H = 800 x 550 x 520 mm Weight 102 kg	
<b>Abrasive vessel</b>	10 liters (≈ 7 min cutting) L x W x H = 380 x 320 x 920 mm Weight 67/90 kg (dry/wet full)	20 liters (≈ 14 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 V DC	3/8" 80 meters hose L x W x H = 450 x 830 x 520 mm Weight 70 kg	3/8" 100 meters hose L x W x H = 450 x 830 x 520 mm Weight 80 kg  Lengths > 160 m contact Cold Cut Systems
<b>Hand lance</b> incl. adjustable cutting support	Nozzle 1.6 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	Relay control system	CAN bus control system
<b>Foam pump</b> < 1,5 % mixture class A detergent ≈ 2 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
<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
<b>Tank - fuel</b>	20 liter (≈ running time 140 min) Weight 4.5 kg	N/A
<b>Oil</b>	Gearbox: T55 8W-140 0.35 liter Engine: T500 10W-30 1.6 liter Water pump: Holst 100 1.04 liter	
<b>Cutting performance</b> - 3 mm mild steel - 10 mm mild steel	<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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