



C 360 HLS Kit



Cold Cut Systems is the supplier of the Cold Cut Cobra cutting extinguisher – a firefighting tool that combines firefighter safety and efficiency with minimal environmental impact.

The **C 360 HLS Kit** is a cutting extinguisher system specifically designed for vehicle-based installation in larger fire trucks. It features a complete oil hydraulic load-sensing system, with an interface at the oil hydraulic pump. The transmission/cardan shaft between the oil hydraulic pump and the PTO is to be engineered by the coachbuilder.

Operating at a pressure of 300 bar (4351 psi) with a flow rate of 58 lpm (15.5 US gpm), the C 360 HLS Kit delivers powerful performance for high-efficiency firefighting.

This versatile platform supports a wide range of Cobra options and accessories, allowing for easy adaptation to different operational needs.



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Item		Standard	
Performance		Water flow: max 58 lpm / 15.5 US gpm Max work pressure at pump: 300 bar / 4351 psi	
Supply - from Vehicle		- Electric: 12/24 V DC, 55 Ah min - Water: 2-8 bar / 29-116 psi, flow: > 70 lpm/ 18.5 US gpm - PTO 900-2200 rpm, ≈ 40kW	
Water Pump & Oil Hydraulic Motor Oil Hydraulic System Tank Cooler Pump		Powered from load sensing system L x W x H = 700 x 400 x 250 mm / 27.5 x 16 x 10 in, 60 kg / 132 lbs L x W x H = 700 x 120 x 700 mm / 27.5 x 5 x 27.5 in, 50 kg / 110 lbs L x W x H = 460 x 220 x 600 mm / 18 x 8.5 x 23.5 in, 13 kg / 28.5 lbs L x W x H = 335 x 260 x 125 mm / 13 x 10 x 5 in, 30 kg / 66 lbs L x W x H = 300 x 200 x 180 mm / 12 x 8 x 7 in, 18 kg / 40 lbs	
Abrasive Vessel		10 litres/ 2.6 US gallons (≈ 4 min cutting) L x W x H = 370 x 320 x 740 mm / 14.5 x 12.5 x 29 in Weight: 59 / 90 kg / 130 / 199 lbs (dry / wet)	
Hose & Hose Reel		Electric rewind, 12/24 V DC Hose: 1/2", 80 m / 263 ft Hose reel: L x W x H = 770 x 510 x 535 mm / 30 x 20 x 21 in Weight hose: 62 kg / 136 lbs Weight hose reel + hose: 105 kg/ 231.5 lbs	
Hand Lance		Nozzle: 2.3 mm L x W x H = 1315 x 96 x 335 mm / 52 x 4 x 13 in Weight: 4.65 kg / 10.5 lbs	
Control System		Relay Control System	
Water Tank		Several options available. Contact your CCS dealer for more information.	
Weight		≈ 264 kg / 582 lbs (dry)	
Piercing Performance (material)		Material Classification	Piercing time*
- 8 mm mild steel		- S-355	≈ 12 sec
- 50 mm concrete slab		- SS-EN 1338 Starka (Siena®)	≈ 7 sec
- Safety door 58 mm		- Daloc S-43	≈ 7 sec
Training & Commissioning			
<p>Working with high-pressure cutting requires training, protective clothing, and adequate skills. Cold Cut Systems (CCS) provides training for personnel who operate or plan to use the Cold Cut Cobra cutting extinguisher. CCS also recommends that organisations using the Cobra develop locally adapted methods and tactics. CCS offers professional advice and training in these areas.</p> <p>CCS requires that commissioning be carried out by our own personnel or by individuals specifically certified by CCS, to ensure the highest standards of safety and efficiency.</p>			

*) Tests were conducted on a C 360 system, with the piercing time calculated as the average of 10 cuts.