



C 360 H 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 H Kit** is a cutting extinguisher system specifically engineered for vehicle-based installation in larger fire engines. It is designed to integrate with the vehicle's existing oil hydraulic system, featuring an interface at the oil hydraulic motor (mounted on the high-pressure water pump). The kit includes all essential components up to the hand lance.

Operating at a pressure of 300 bar (4351 psi) with a flow rate of 58 lpm (15.5 US gpm), the C 360 H 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.



C 360 H Kit

| 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 | |
| - from existing oil hydraulics LS system | a) min 280 bar / 4061 psi, min 78 lpm / 20.6 US gpm (51cc) b) min 230 bar / 3336 psi, min 90 lpm / 24 US gpm (61cc) c) min 170 bar / 2466 psi, min 120 lpm / 32 US gpm (81cc) | |
| Water Pump | L x W x H = 399 x 410 x 26 mm / 16 x16 x 1 in Weight: 45 kg / 99.5 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: 4.65kg / 10.5 lbs | |
| Control System | Relay Control System | |
| Water Tank | Several options available. Contact your CCS dealer for more information | |
| 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 | | |
| 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. | | |
| 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. | | |

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