



# Cobra Skid Unit



Cold Cut Systems is the supplier of the **coldcut™ cobra** cutting extinguisher - a firefighting tool that combines firefighter safety and efficiency with minimal environmental impact.

**Cobra Skid Unit** is a cutting extinguisher system (26 lpm and 280 bar) powered by an integral petrol engine.

Cobra Skid Unit comes equipped with the low-pressure nozzle **Multi-Purpose Nozzle (MPN)** as standard. The combination of Cobra and Multi-Purpose Nozzle makes it a very versatile unit. The addition of the Multi-Purpose Nozzle broadens the use of the Cobra, and in combination provides an enhanced ability to manage many diffe-

rent firefighting scenarios. The nozzle is easily connected onto the same hose used for the Cobra lance and can deliver the same amount of water, but at a lower pump pressure.

Cobra Skid Unit is delivered including the new Hand lance and Integrated Wire Control (IWC).





# Cobra Skid Unit

Item	Standard	Options
<b>Performance</b> (20°C, normal air pressure and normal atmospheric humidity)	Water flow: max. 26 lpm Max work pressure at pump: 280 bar	
<b>Power Source for Pump</b>	Petrol driven engine 12 V DC battery 12 Ah	
<b>Abrasive Vessel</b>	6 litre (+/- 0,3 litre) ≈ 4,5 min cutting	
<b>Hose &amp; Hose Reel</b>	Integrated Wire Control (IWC) 3/8" 40 meters hose Weight: 26 kg incl. couplings Electric rewind, 12 V DC	
<b>Hand Lance</b>	Nozzle 1,6 mm LxWxH = 1315x96x335 mm, (+/- 10 mm) Weight 4,65 kg	Short hand lance (L=900 mm) Weight 4,35 kg
<b>Control System</b>	Relay Control System with Integrated Wire Control (IWC)	
<b>Water Tank</b>		190 litre with autofill and with/without level control LxWxH = 900x450x500 mm Weight 12 kg (dry)
<b>Winter Mode</b>	Active: low pressure water jet	
<b>Fuel Tank</b>	10 litre petrol (≈ running time 90 min)	
<b>Oil</b>	Engine: T500 10W-30 Gearbox: T55 80W-140 Water pump: T750 15W-40	
<b>Weights &amp; Dimensions</b>	Dry weight ≈ 253 kg, Wet weight ≈ 281 kg LxWxH = 890x1064x600 mm 1680x1064x600 mm when pulled out	
<b>Multi-Purpose Nozzle (MPN)</b>	≈ 40 lpm Pressure at pump: ≈ 80 bar	Foam adapter Fog Nozzle
<b>Piercing Performance*</b>	<b>Quality</b>	<b>Piercing**</b>
- 8 mm mild steel	- S-355	≈ 13 sec
- 50 mm concrete slab	- SS-EN 1338 Starka (Siena®)	≈ 10 sec
- Safety door 58 mm	- Daloc S-43	≈ 6 sec
<b>Training &amp; Commissioning</b>		
Work with high pressure and cutting demands training, protective clothing and adequate skills. Cold Cut Systems (CCS) offers training for personnel, both using as well as planning the usage of <b>coldcut™ cobra</b> cutting extinguisher. CCS also strongly recommends the organizations operating the Cobra to develop adopted and localized tactics and strategies. CCS offer professional advice and training in these areas.		

\*) Tests performed on a C 360-system, valid for all 360-systems. \*\*) Average of 10 piercings.

The Multi-Purpose Nozzle (MPN) can only be attached to Cobra systems that have been manufactured or officially adapted to allow MPN operation. Any attempt to operate MPN on non-adapted Cobra systems could lead to a dangerous event occurring.