



coldcut™ cobra

C 330 H Naval 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 H Naval Kit is designed for naval and maritime use: manufactured mainly in stainless steel, high IP-classification, and shock proof engineered, allowing exposures to tough environments.

The C 330 H Naval Kit is designed for integration with the vessel's existing hydraulic system and is delivered with its interface at the hydraulic motor – (assembled on the high pressure pump) – and includes all main components to the hand lance.

This unit is a versatile platform for use with coldcut systems™ range of accessories. The kit could be dually installed for redundancy.



Item	Standard features/data	Options
Performance (20° C, 50% rel. hum., sea level)	26 lpm, max 29,5 lpm Pressure at pump 250-300 bar	
Power source for pump	Water pump and hydraulic motor P: min 220 Bar, Q: min 60lpm, @ hydraulic motor	Other configurations on request
Abrasive vessel	10 liter, approx 7 min cutting	20 liter, approx 14 min cutting
Hose Reel	3/8 inch 50 meter high pressure hose, manual retraction	Other lengths on request, electrical retraction on request. Hose guide
Hand lance	Nozzle 1.6 mm L x W x H = 900 x 100 x 420 mm	Other lengths on request
Control system	Wire commanded, relay control system	Radio controlled on request
Foam Pump High pressure water propelled	-	Foam pump with 10 liter tank Pump weight 10 kg < 1,5 % mixture class A detergent ≈ 2 lpm water consumption
NBC wash	-	Low pressure NBC wash with separate nozzle
Water supply for fire fighting and NBC wash	80 mesh (177 my) filtered, 3 bar @ 40 lpm	Submersible auxiliary pump 3 meter elevation, 24V DC
Water supply for system cleansing	80 mesh (177 my) filtered fresh water @ 15 lpm, 3 bar	-
Electric Power Supply	24V DC, 25 amps	240V AC 50Hz for optional heater, others on request
Oil	Gearbox: 0.35 liter, T55 8w-140 Water pump: 1.04 liter, Holst 100	-
Cutting/penetration performance 3 mm mild steel 10 mm mild steel	Penetration 5-10 seconds 30-40 seconds	Cutting speed 100 mm/min 40 mm/min
Weights and dimensions (excl. shock absorbers)	Dry weight (kg) L x W x H (mm) Water: 20 180*300*600 Pump: 65 360*630*410 Main: 320 1000*115*1100	-
Marine engineered system	Stainless/brass/anti corrosive treated, high IP classification (mostly > IP 65)	-
High impact shock absorbers	Contact CCS	-
Freeze protection	Active (slow running water): included	Passive (heater, insulated cover): on request

Training and Commissioning

Cold Cut Systems strongly recommends *training* of personnel both operating as well as planning the usage of the coldcut™ cobra cutting extinguisher. Cold Cut Systems also strongly recommends the organizations operating the cobra to develop adopted and localized tactics and strategies. Cold Cut Systems offer professional advice and training in these areas.

Cold Cut Systems recommends *commissioning* to be undertaken by Cold Cut Systems' personnel alternatively Cold Cut Systems trained and appointed personnel.

Because of various designs of the vessels of installation, cables, hoses, high pressure lines/coupling between modules of the assembly kit are not included. These items should preferably be sourced locally, by the local ship yard. Cold Cut Systems AB reserve the right to make alterations without prior notice.



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