



coldcut™ cobra

C330D marine unit

The coldcut™ cobra fire extinguishing technique combines abrasive water jet cutting with water spray extinguishing.

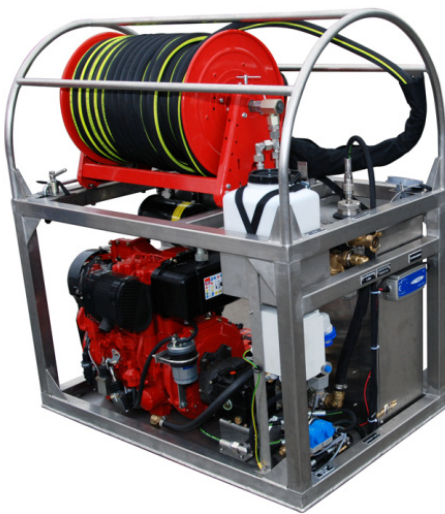
The high water jet pressure allows for the cutting abrasive to rapidly penetrate all known construction materials, creating an efficient high velocity firefighting water mist, once the penetration has been made.

The method offers a safe attack on interior fire and on fire gases from an outside position.

The C330D marine unit 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 C330D marine unit's compact design means outstanding handling flexibility, allowing for easy changes between air - sea - land based carriers to a rescue scene.

This unit is a cutting extinguisher system (26 lpm) powered by a four stroke diesel engine and a versatile platform for use with coldcut™ systems range of accessories.



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	17 kW (23,1 hp) marine diesel engine (ISO 1585)	N/A
Abrasive vessel	10 liter, approx 7 min cutting	N/A
Hose Reel	3/8 inch 50 meter high pressure hose, manual retraction	Other lengths on request, electrical retraction on request
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 controlled	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	240V AC 50Hz single phase for battery charger and optional freeze protection	Other power supplies: on request
Tank Fuel	7 liter diesel (approx. two hrs)	N/A
Oil	Engine: 2.5 liter, 5W/40 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	Dry weight: 510 kg L x W x H: 1200 x 800 x 1500 mm	-
Marine engineered system	Stainless/brass/anti corrosive treated, high IP classification (mostly > IP 65)	-
High impact shock absorbers	Z: 72 g, X: 30 g	-
Noise emission	idle: 85 dBA, action: 96 dBA	
Cover	-	on request
Freeze protection	Active (slow running water): included	Passive (heater, insulated cover): on request
Training and Commissioning		
Cold Cut Systems strongly recommends <i>training</i> 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 <i>commissioning</i> to be undertaken by Cold Cut Systems' personnel alternatively Cold Cut Systems trained and appointed personnel		

Technical data subject to change without further notice.



Cold Cut Systems Svenska AB
P.O. Box 10181
SE-434 22 Kungälv
Sweden

phone +46 300 40 41 00
fax +46 300 40 41 19

info@coldcutsystems.com
www.coldcutsystems.com