

Underwater Cutting Solutions (UCS) are a leading offshore contractor specialising in the cutting of submarine & Toppide pipelines and structures using a range of purpose designed tools and techniques. UCS also provides a range of dredging equipment for diver and ROV use.

UCS cutting systems can be provided around the world with their experienced crews either on stand-by contingency basis or on a rapid deployment

Features & Benefits

- ✓ **Priority Flow Control**
- ✓ **Adjustable Pressure**
- ✓ **Oil Temperature Cut-out**
- ✓ **Oil Level Cut-out**
- ✓ **Flow Gauge**
- ✓ **Pressure Gauge**
- ✓ **Oil Temperature Gauge**
- ✓ **Built-in Oil Cooler**
- ✓ **Pressure and Return Filters**



This UCS Hydraulic Power Units have either an 18.5kw, 22kw or 30kw which drives a gear pump capable of up to 45 l/min, 55l/min and 56l/min at 210 bar respectively. They have been specifically designed to be extremely user friendly and safe to operate. They come complete with a number of features including adjustable pressure and flow control, low oil level and high temperature cut-outs and a connection panel with pressure, temperature and flow gauges. Electrical and hydraulic isolation is incorporated.

These units can be used to power subsea hydraulic tools, reels and other hydraulic equipment. They are also fully compatible with all UCS tools and hydraulic reels.

Flow Rate

18.5kw	Adjustable up to 45 l/min (11.9 usgpm)
22kw	Adjustable up to 56 l/min (14.8 usgpm)
30kw	Adjustable up to 55 l/min (14.5 usgpm)

Pressure

18.5kw	
22kw	Adjustable up to 210 Bar (3045 psi) Max
30kw	

Hydraulic Oil

18.5kw	
22kw	ISO VG32 or Equivalent
30kw	

Electrical Requirement

18.5kw	Motor 18.5kw, 440V, 63A, 3 phase, 4 pole
22kw	Motor 22kw, 440V, 63A, 3 phase, 4 pole
30kw	Motor 30kw, 440V, 63A, 3 phase, 4 pole

Pump

18.5kw	
22kw	Pressure Compensated
30kw	

Hydraulic Connections

18.5kw	
22kw	Parker 61 Series Quick Disconnects. Case Drain, Parker ½" push fit.
30kw	

Weight

18.5kw	1500kg (3306 lb)
22kw	
30kw	

Dimensions

	Length	Width	Height
18.5kw			
22kw	1750mm (68.9")	1000mm (39.3")	1750mm (68.9")
30kw			

Underwater Cutting Solutions Limited

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