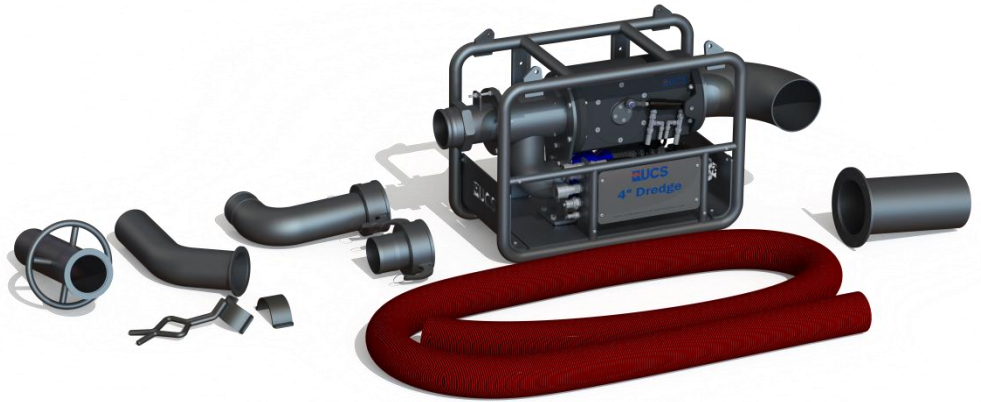


SPECIFICATION SHEET

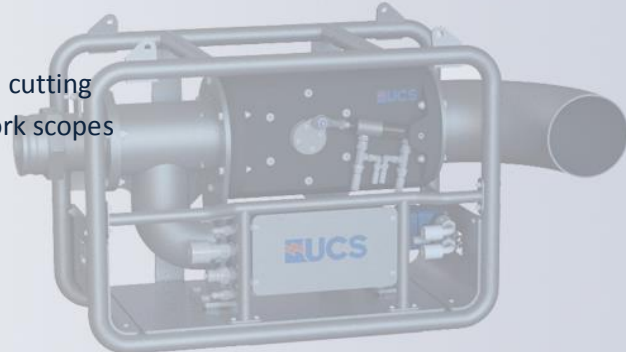
- ✓ **Compact Design**
- ✓ **Easy ROV interfacing and flexible mounting options**
- ✓ **Superior Performance**
- ✓ **Low hydraulic flow requirements**
- ✓ **Incorporated back flush system**



Underwater Cutting Solutions Ltd (UCS) is a leading offshore contractor specialising in the rental of purpose designed tools and techniques, as well as the cold cutting of submarine and topside pipelines and structures utilising a wide spectrum of technologies.

UCS Dredging systems can be provided around the world with an experienced team of technicians either on stand-by contingency basis or on a rapid reaction mobilisation.

UCS also provides a range of complementing equipment including cold cutting and coating removal systems to support decommissioning and IRM work scopes or can be utilised on individual projects.



- The UCS 4" Dredge allows the excavation of seabed sand, gravel, clay and rocks up to 76mm (3") in diameter.
- Easy adaptable configuration for mounting on to ROV. Various exhaust / suction options available.
- Dredge can operate very effectively utilising low hydraulic flows.
- Reliable hydraulic controlled back flush system incorporated in unit.
- Quick release camlock fittings on suction hose.
- Detailed bulkhead with hydraulic quick connect and hose extensions.

SPECIFICATION SHEET

Dredging Capacity	70 Cubes p/h (100% water) rate varies with waste content		
Hydraulic Requirements	210 bar @ 14.2 lpm.		
Suction Rate	1170 lpm (309 usgpm)		
Max Rock size	76.2 mm	3"	
Std. Suction Hose Length	ID 101mm @ 5m	ID 4" @ 16' 4"	
Exhaust Pipe	ID 152.4mm 90° Elbow or Straight Pipe	ID 6" 90° Elbow or Straight Pipe	
Dredge Skid Mass in Air	76.85 kg	169 lbs	
Dredge Skid Mass in Water	47 kg	103 lbs	
Dimensions – Dredge Skid	Length	Width	Height
	1147mm	428mm	607mm
	45"	16.8"	23.9"

Accompanying Equipment

- The system is plug and play in to ROV hydraulic system
- Supplied with a small spares box.
- Comprehensive spares inventory included
- HUR & HPU for diver operation.

