



## UCS Pile Cleaning System

### Electrical dredge system

The UCS pile cleaning system is ideal for cleaning sand, debris and clay from piles. The suction hose is supported off the vessels crane and the solid pipe for the suction end can be installed with a high pressure jet, if required for clay conditions.

The suction hose set up can be adapted to suit specific project requirements.

### Applications

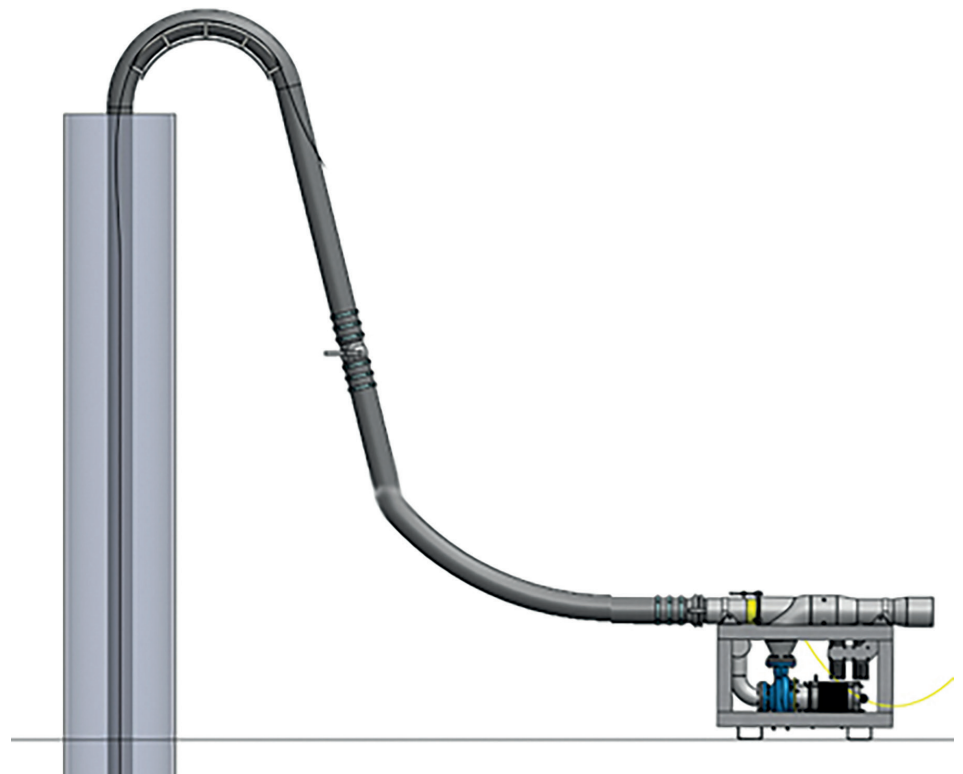
- Work-class ROV construction
- Work-class ROV drill support
- Pile & hollow structure dredging
- Relocation of mud, silt and rocks
- Marine archaeology

### Features

- Power efficient electric motor
- No hydraulics required
- Depth monitoring
- Water jetting attachment
- Compliant to Lifting Operations and Lifting Equipment Regulations SI 1998 No 2307
- Compliant to IEE wiring regulation (BS7671)
- Compliant to IMCA DO45 (safe use of electricity underwater)

### Bespoke options

UCS have specialist in-house design and fabrication capabilities and are able to modify any tool to suit client / project requirements.

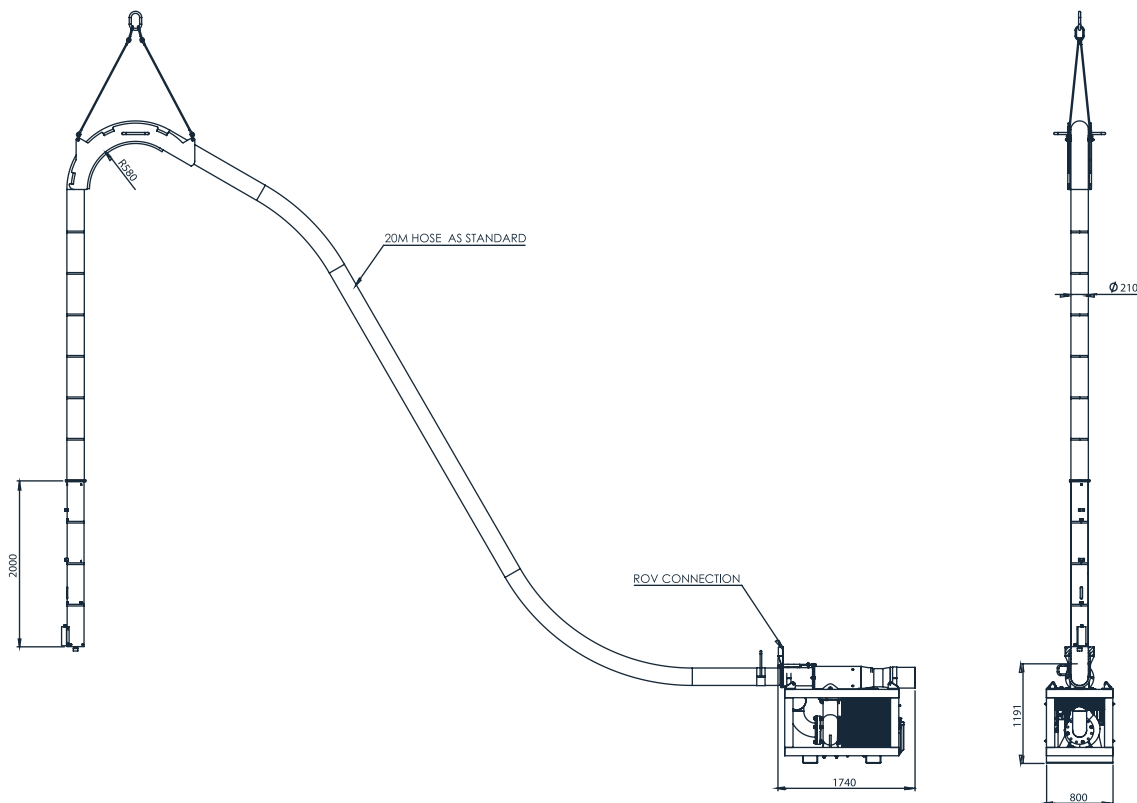


# UCS Pile Cleaning System

## Specifications



Dredging capacity (as standard)	320 cubes p/h (100% water) rate varies with waste content
Electrical requirements	3 phase 440v, 63amp
Suction rate	5300lpm / 10630gpm @ 60hz
Max rock size	140mm / 5.5in
Standard suction hose	ID 200mm / 8in @ 20m / 65.8ft
Standard exhaust hose	ID 250mm / 9.8in @ custom
Dredge skid mass in air	680kg / 1499lbs
Dredge chute mass in air (with hose)	132kg / 291lbs
Dredge umbilical winch	2250kg / 4960lbs
Dredge skid dimensions	1740mm / 68.5in x 800mm / 31.5in x 1191mm / 46.7in
Umbilical winch dimensions	2000mm / 78.8in x 1700mm / 67in x 1500mm / 59in



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