



UCS 84in Diamond Wire Saw

Diver or ROV operated diamond wire saw

The UCS 84in diamond wire saw has been developed to cut tubulars ranging from 56in up to 84in.

The patent granted auto-feed system automatically regulates cutting progress thus minimising the probability of broken wires and has the advantage of removing human interference from the operation and as such has given UCS's diamond wire saws world leading cutting times.

Providing a fast and accurate cut, the diamond wire saw is especially good for cutting pipe in pipe, concrete filled multi-string bundles and coated products in both horizontal and vertical orientation.

Compact design enables easy installation and operation. This system can be supplied set up in a number of configurations to suit client project requirements.

Applications

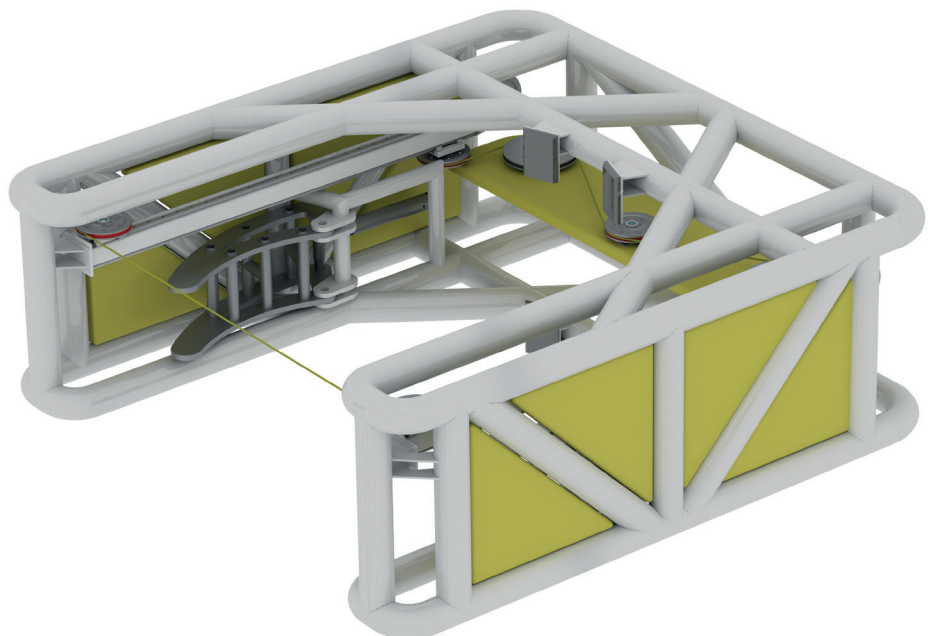
Cutting of horizontal or vertical pipe, platform legs, casings and structures

Features

- Fast and accurate cut
- 56in to 84in capacity
- Patented self-regulating feed
- Superior performance
- Simple operation
- Diver or ROV operated
- Compact design
- Solenoid control system for topside control
- Innovative wire storage system

Bespoke options

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



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Specifications

Cutting capacity	1422-2134mm / 56-84in
Hydraulic requirements	80-90lpm @ 240bar / 17-19gal @ 3480psi
Hydraulic oil type	ISO VG32 or equivalent
Maximum carriage speed	60mm/min / 2.3in/min
Typical cutting speed	4-50mm/min / 0.157-1.968in/min
Mass in air	3000kg / 6614lbs
Mass in water	1113kg / 2454lbs (buoyancy optional)
Jaw width open	2185mm / 86in
Dimensions	3698mm / 145.5in x 3468mm / 136.5in x 1368mm / 53.9in

