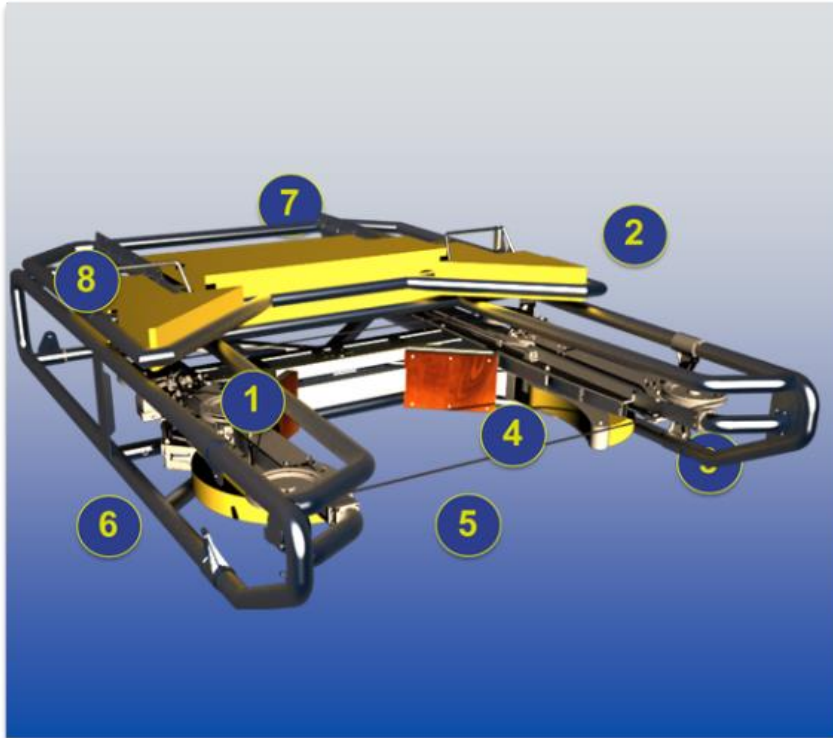




Cutting Underwater Technologies Ltd
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Diamond Wire Cutting Machine



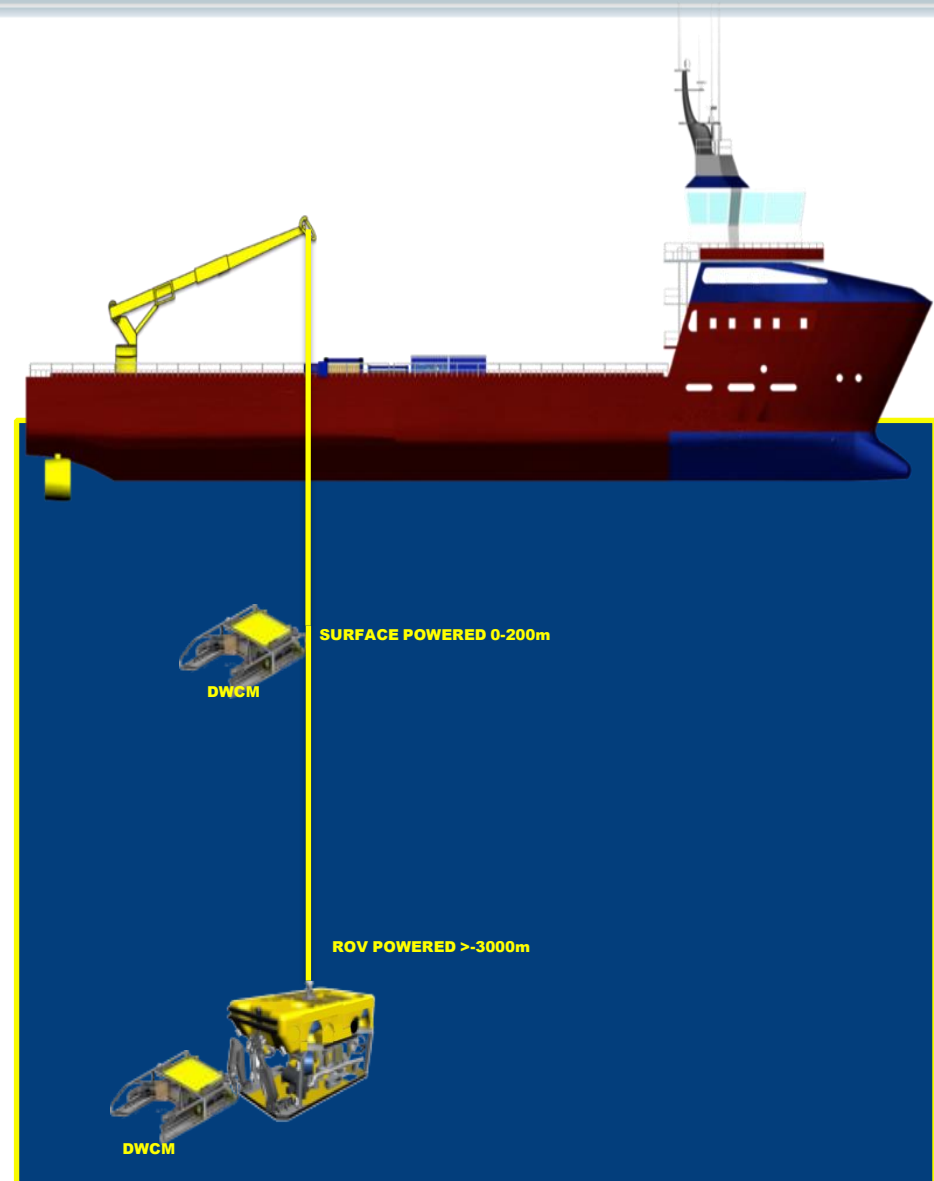
- | | |
|---------------------|----------------|
| 1 WIRE DRIVE PULLEY | 5 DIAMOND WIRE |
| 2 FEEDING SYSTEM | 6 CRASH FRAME |
| 3 WIRE TENSION | 7 BOUYANCY |
| 4 CLAMPING SYSTEM | 8 ROV HANDLE |

Surface Powered 0 – 200m

Surface Powered DWCMs are connected on deck to the HPU using a specially designed hydraulic umbilical up to 200m long

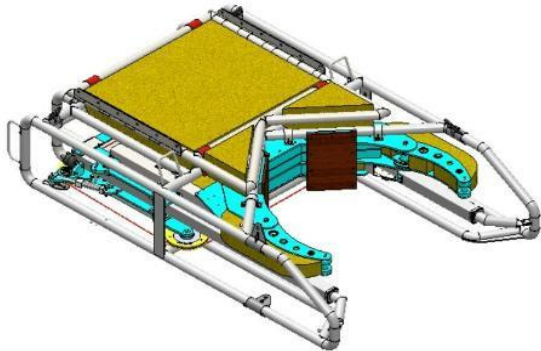
WROV Powered up to 3000m

The DWCM is either connected to the WROV on deck via a short hose bundle or deployed to the seabed in a basket and connected via hot stabs.

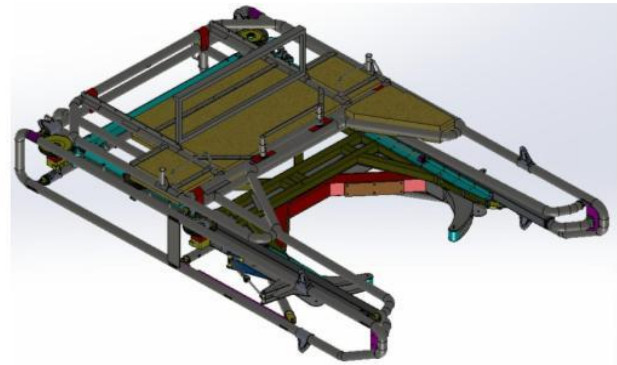




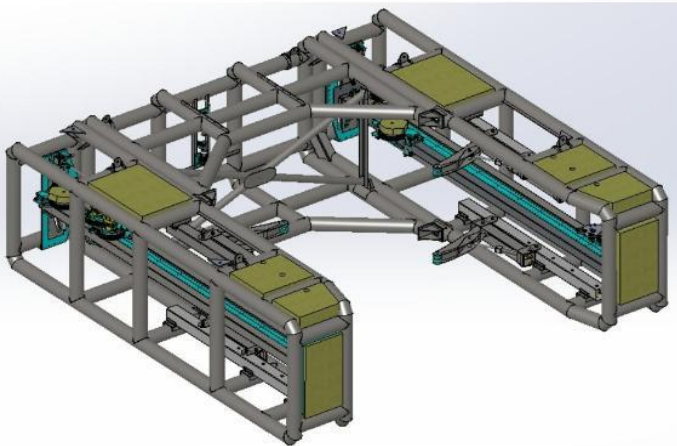
DWCM EXAMPLES



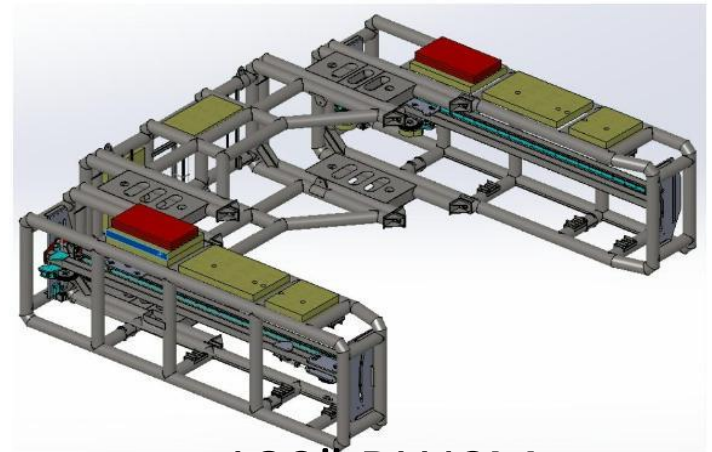
50" DWCM



74" DWCM



120" DWCM



180" DWCM



DECK SPREAD



SPOOLER



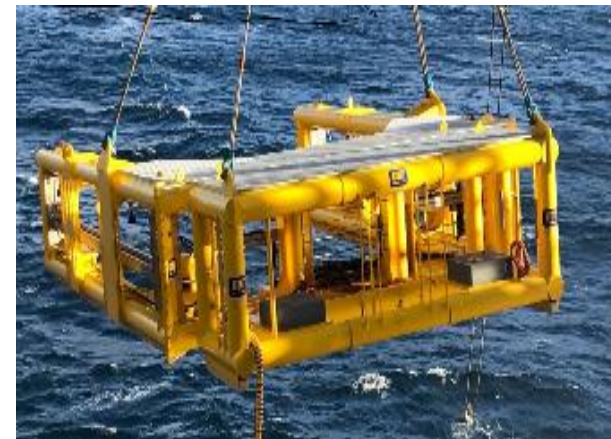
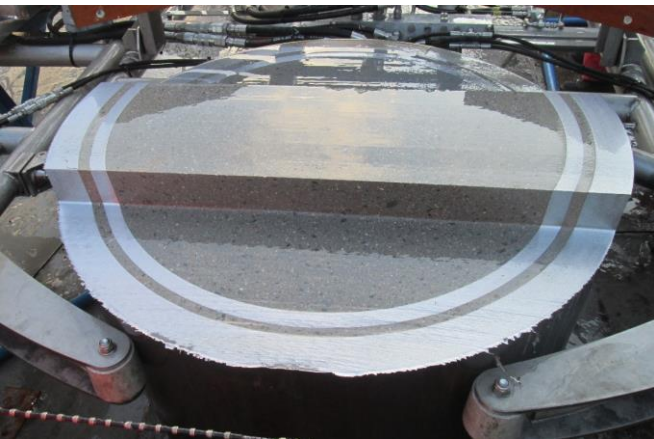
CONTROL PANEL



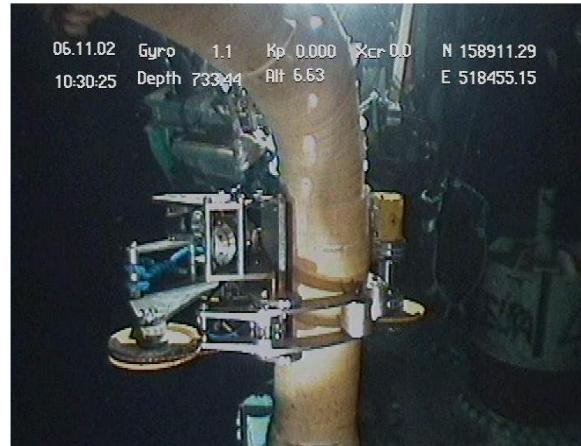
HPU

WHY USE DIAMOND WIRE SERVICES?

- ✓ Certainty the Cut has been completed
- ✓ Accuracy of the Cut $<0.5^{\circ}$ Vertical Deviation
 - ✓ Clean Cut
 - ✓ Environmentally Friendly
- ✓ Ability to provide Bespoke Engineered Cutting Solutions
 - ✓ Versatile Deployment - in air or water
 - ✓ Deep water Capability – Deepest Cut to date - 2,745m
- ✓ Patented Castellated and Step Cutting – Integrity upon completion of Cut
- ✓ Continuous Loop of Diamond Wire Spinning on its own axis



- ✓ 40 years' Diamond Wire Cutting Experience
 - ✓ Engineered and Bespoke Solutions
 - ✓ More than 180 DWCMs "Off-The-Shelf"
 - ✓ Biggest Cutting Range- 3" OD to 7.3m OD
 - ✓ WROV Friendly DWCMs
- ✓ Patented Castellated and Step Cutting – Integrity upon completion of Cut - No need for crane barge while cutting
- ✓ Global Reach – Equipment Located in UK - UAE - Singapore
 - ✓ Recognised Specialist - 1st tool in Stavanger Museum



CUT Group has been involved in most of the major Offshore Decommissioning Project that have been completed.

- **Brent Alpha Jacket (2020) including new world record 7.3m jacket leg cuts. Over 50 cuts completed utilising our 288", 120", 74", 64", 50", 36" and 18" machines**
- **Tyra Platforms (2020) - 30", 64" and 120" machines**
- **Thistle COS tanks (2020)**
- **F3/FA decom and removal (2019)
CAT 3 (2019)
Ninian North Decommissioning (2019)**
- **BP Miller Decommissioning (2018) – 88 Cuts including 6 Patented Step/Castellated Cuts**
- **Arzanah Offshore Decommissioning (2018)
Offshore Abu Dhabi (UAE) – 98 Cuts**
- **Murchison Decommissioning (2017) Jacket Removal – 73 Cuts including 4 x 6m OD Leg Cuts**
- **Brent Delta – Topside Separation Project (2016)**
- **Murchison Decommissioning – (2016) Summer Campaign - 63 Cuts**



Track Record (to end of 2020)

Projects		1,025
ROV assisted		439
Diver assisted		401
Surface		185
Platform removals		138
Platform Removals Back-up		7
Pipeline Removals		213
Pipeline Repairs		69
Contingency Projects		91
Number of Cuts		7,174

**Q1 2021 - Diamond Wire Cutting of a
Ø2500mm Monopile, North Sea -40m depth.**

Carbon steel, 50mm wall thickness

Internals & Ladder were expected

**Trial cut was successfully completed at CUT
Aberdeen base (3m OD and 72mm WT)**

**Cutting operations were monitored via a
WROV mounted camera and DWCM mounted
camera.**

**Completed cut safely, on time (6 hours) and
within budget.**

