



# C1-16UL

## Built for Subsea Precision

### APPLICATIONS

- Mooring chain (In tension or slack)
- Flexible Flowlines
- Flexible Risers (In tension or slack)
- Carbon Steel Pipe
- PU Coated Pipe
- Super Duplex
- Restricted crane access cutting
- Inconels



Specification Sheet

The Decom Engineering C1-16 UL is a purpose-built subsea cutting tool, expertly designed to handle the demanding task of cutting flexible risers and mooring chains under tension, often found beneath floating structures, riser turret moorings (RTMs), and deepwater tensioned moorings (DTMs). Equipped with Decom Engineering's proprietary Tungsten Carbide Tipped (TCT) blade, the C1-16 UL ensures that each cut is not only fast but also exceptionally clean and precise.

This level of performance reduces the frequency of blade changes, significantly cutting down on operational downtime and minimising the need for saw recovery operations. The result is a more efficient, reliable cutting process that keeps your subsea operations running smoothly.

Cutting capability	0" - 16" (0mm - 406mm)
Hydraulic requirements	60 L/min @ 210 bar
Weight in air	220kg
Weight in water with integrated buoyancy	70kg
Dimensions	1860mm x 1220mm x 620mm
Blade Diameter	1100mm
Nominal RPM	60

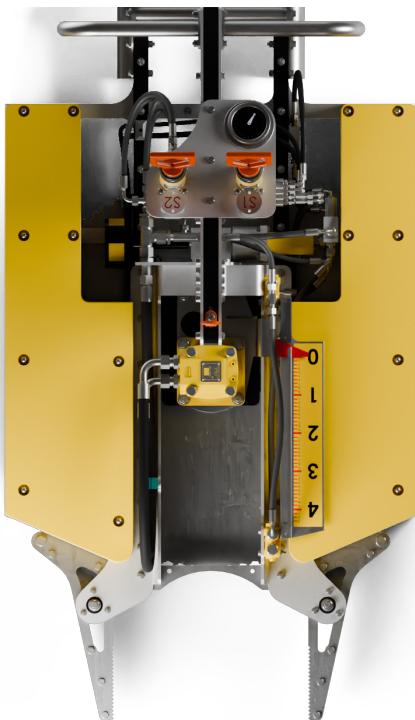
With Buoyancy



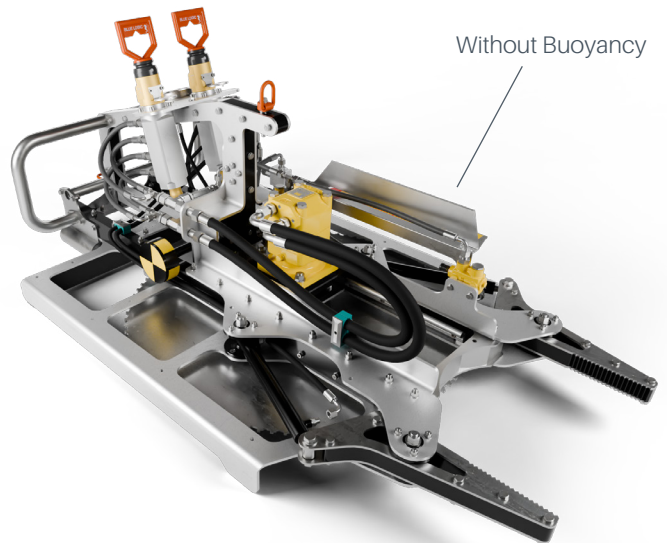
## Product Benefits

- High Efficiency and Cost Savings: Each blade is capable of performing between 20 to 100 cuts, depending on the application, significantly reducing costs and enhancing operational efficiency.
- Versatile Cutting Orientations: Our technology allows for cuts to be made in any orientation, providing flexibility in various operational scenarios.
- ROV Manoeuvrability: The equipment can be easily maneuvered by a remotely operated vehicle (ROV), eliminating the need for a crane and enabling access to challenging locations.
- Quick Blade Changes: Blade changes are fast and efficient, taking only 5 minutes, which minimises downtime and maximises productivity.
- Crane-Free Operation: Cuts can be performed in areas where crane access is not possible, offering greater versatility and adaptability in subsea operations.

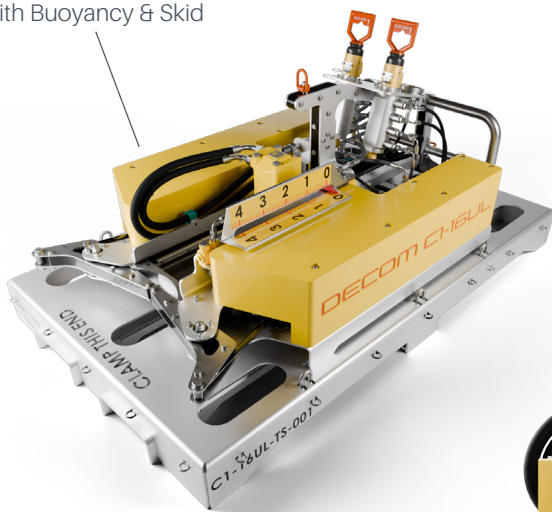
With Buoyancy



Without Buoyancy



With Buoyancy & Skid



With Buoyancy

