



**FASTER.
SAFER.
STRONGER.**



Decom Engineering's Subsea Tooling Range

The New Standard in Subsea Cutting

Redefining the Industry with Speed and Precision

Since 2011, Decom Engineering has redefined subsea cutting. Our patented C1 Chopsaw Range is renowned for unmatched performance, up to 3 times faster and 5 times more cuts per blade combined with a 100% clean cut success record across six continents. Our focus is on maximising your operational efficiency and reducing costs.

Your Unique Client Value

- Save Vessel Time & Cut Project Costs
- Ensure Reliability and Eliminate Downtime
- Cut Where Others Fail





C1-10 Chopsaw



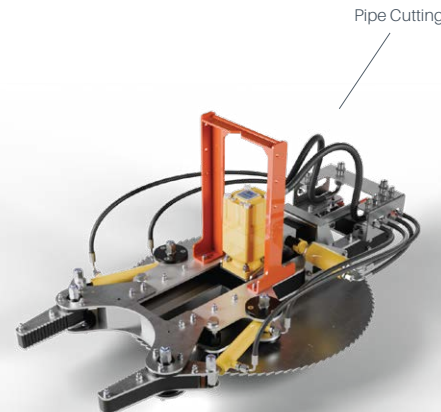
Specification Sheet

The Decom Engineering C1-10 is a purpose-built subsea cutting tool, expertly designed to handle the demanding task of cutting pipe 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 C1-10 ensures that each cut is not only fast but also exceptionally clean and precise.

This compact sized saw allows you to get into small spaces and its 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.

Chain cutting capability	110mm studded chain or 120mm studless chain
Hydraulic requirements	35lpm @210 bar
Weight in air	90kg
Weight in water	70kg
Dimensions	1488mm L x 767mm W x 537mm H
Blade Diameter	750mm
Nominal RPM	60

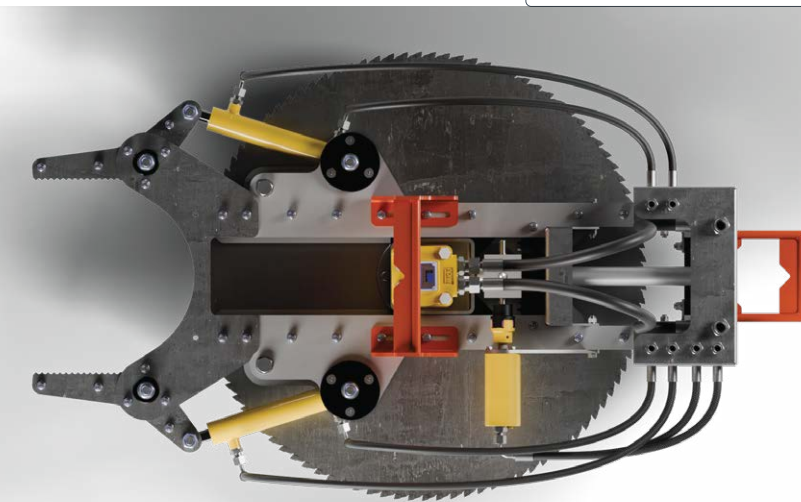
Onshore • Offshore • Subsea



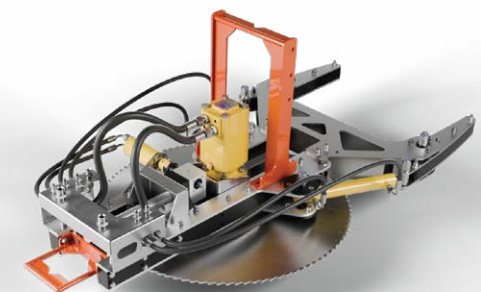
Pipe Cutting

Product Benefits

- High Efficiency and Cost Savings: Each blade is capable of performing between 5 to 30 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 manoeuvred 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.



Chain Cutting



C1-12

A First to Market Innovation

APPLICATIONS

- Pipe – coated or bare
- Jacket structures, box sections etc.
- Casing • Mooring chain
 - Solid bars
- Umbilicals and cable

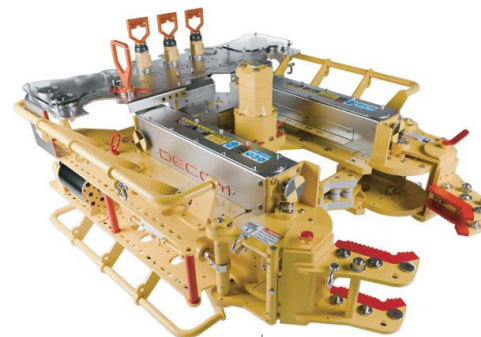
Specification Sheet



The Decom Engineering C1-12 Chopsaw revolutionises subsea cutting with its pioneering design, engineered specifically for materials ranging from 2" to 12" in diameter. This innovative tool sets a new standard with market-leading cut times across a variety of challenging materials, including inconels, duplex, and concrete. Designed to tackle the toughest industry challenges, the C1-12 features a unique water cooling system that enhances surface cutting efficiency and prolongs blade life.

Its customisable clamping system and versatile deployment options make it adaptable to a wide range of project requirements and environments, ensuring precise, reliable performance in even the most demanding conditions.

Cutting capability	2" - 12" (50mm - 305mm)
Hydraulic requirements	100 L/min @ 210 bar
Weight in air	1220kg
Weight in water with integrated buoyancy	50kg
Dimensions	1924mm x 1651mm x 831mm
Blade Diameter	900mm
Nominal RPM	60



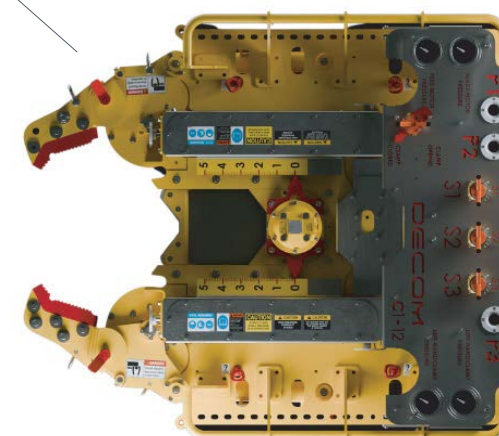
Features

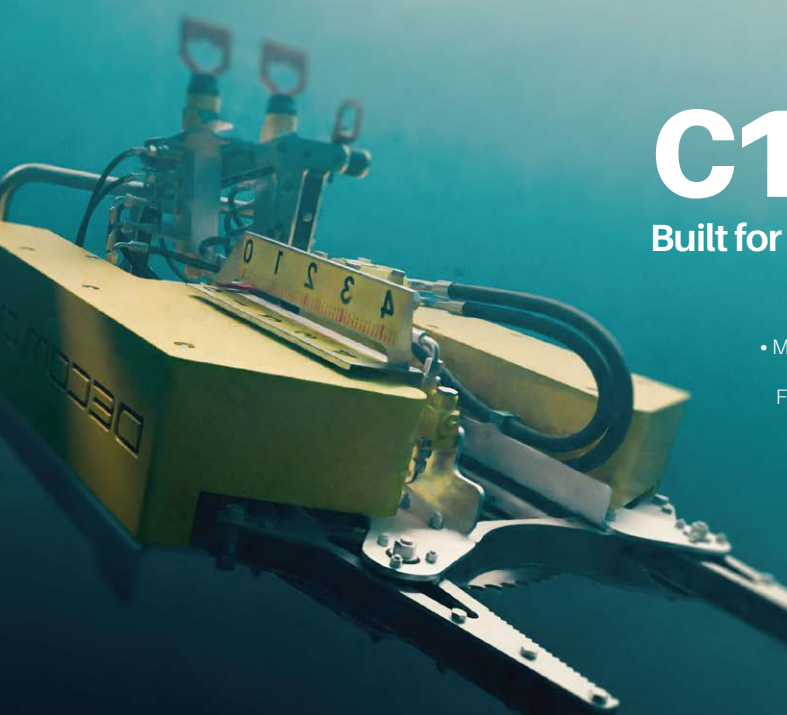
- 2" to 12" capacity
- Fast and clean cut
- Market leading cut times
- Multiple cuts per blade: up to 100 depending on application
- Topside or ROV operated
- Operator-friendly control panel
- Robust shipping cage with comprehensive spares boxes
- Highly adaptable to suit surroundings and structures
- Multiple lifting points located around the tool allowing a highly versatile angle of deployment



Product Benefits

- Multiple cuts per blade, anywhere from 20 right up to 100 cuts per blade, application dependent – thus resulting in large cost savings and increases in efficiencies.
- Can complete an array of cuts whilst subsea or held in wet storage – without returning to the surface.
- Unique water cooling system for surface cutting.
- The C1-12 Chopsaw can be supplied set up in a number of configurations and settings to suit project requirements and work scope.
- Customisable clamping system allowing the flexibility to clamp around a vast array of shapes and sizes.
- Blade change only takes 30 – 45 minutes.
- Can cut vertically or horizontally.





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



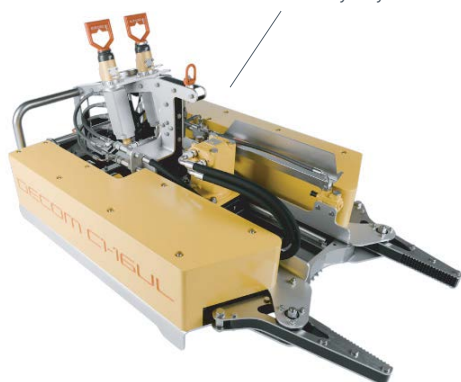
Specification Sheet

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 eliminating the need for cumbersome 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

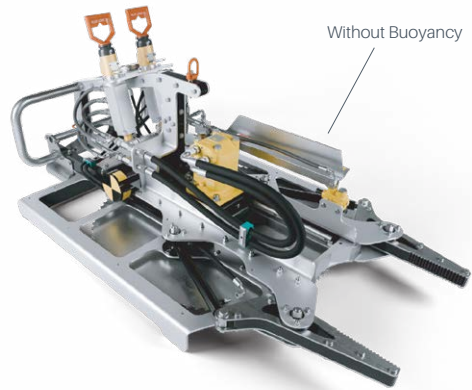
With Buoyancy



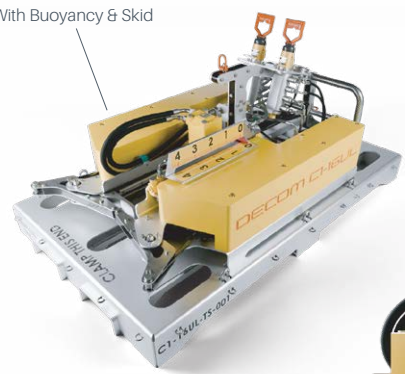
With Buoyancy



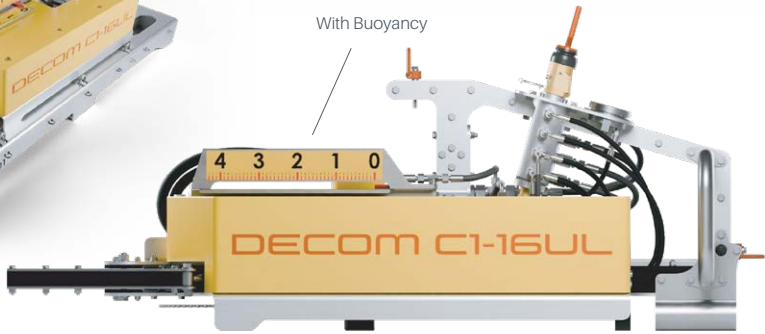
Without Buoyancy



With Buoyancy & Skid



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.



C1-24

The Fleet's Go-To

APPLICATIONS

- Pipe – coated or bare
- Jacket structures, box sections
 - Casing
- Mooring chain
 - Solid bars
- Umbilicals and cable

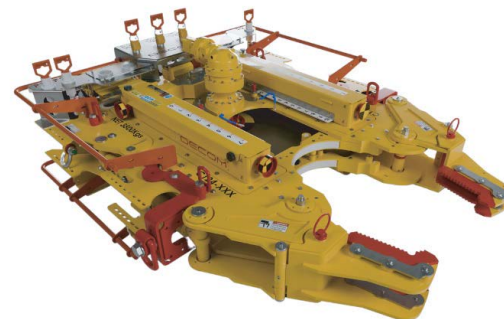
Specification Sheet



The Decom Engineering C1-24 Chopsaw stands at the forefront of subsea cutting technology, designed to handle materials ranging from 2" to 24" in diameter with unparalleled precision and efficiency. Engineered as our flagship model, the C1-24 has earned its reputation for delivering market-leading cut times across a diverse array of materials, including inconels, duplex, and concrete. Its robust construction and innovative features, such as a unique water cooling system and customisable setup options, ensure optimal performance in the most challenging subsea environments.

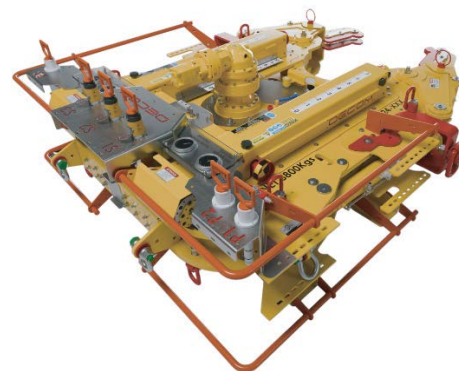
Deployed globally within our fleet, the C1-24 Chopsaw exemplifies reliability and versatility, meeting the demands of various offshore projects worldwide. Whether operated topside or by ROV, its operator-friendly design and adaptable clamping system facilitate seamless integration into different operational scenarios.

Cutting capability	2" – 24" (50mm – 610mm)
Hydraulic requirements	100 L/min @ 210 bar
Weight in air	3,800kg
Weight in water with integrated buoyancy	100kg
Dimensions	3033mm x 2236mm x 1002mm
Blade Diameter	1520mm
Nominal RPM	27



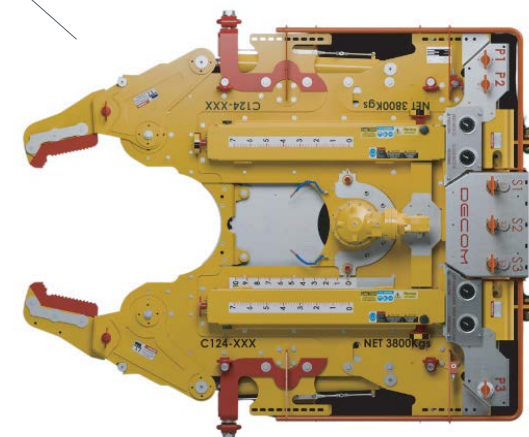
Features

- 2" to 24" capacity
- Fast and clean cut
- Market leading cut times
- Multiple cuts per blade: up to 100 depending on application
- Topside or ROV operated
- Operator-friendly control panel
- Robust shipping cage with comprehensive spares boxes
- Highly adaptable to suit surroundings and structures
- Multiple lifting points located around the tool allowing a highly versatile angle of deployment



Product Benefits

- Multiple cuts per blade, anywhere from 20 right up to 100 cuts per blade, application dependent – thus resulting in large cost savings and increases in efficiencies.
- Can complete an array of cuts whilst subsea or held in wet storage – without returning to the surface.
- Chopsaw comes with a comprehensive spares package, in a compact yet robust shipping cage.
- Unique water cooling system for surface cutting.
- The C1-24 Chopsaw can be supplied set up in a number of configurations and settings to suit project requirements and work scope.
- Customisable clamping system allowing the flexibility to clamp around a vast array of shapes and sizes.
- Blade change only takes 10 -15 minutes.
- Can cut vertically or horizontally.





C1-32

Advanced Buoyancy and Manoeuvrability

APPLICATIONS

- Pipe – coated or bare
- Jacket structures, box sections
- Casing
- Mooring chain
- Solid bars
- Conductors
- Umbilicals and cable

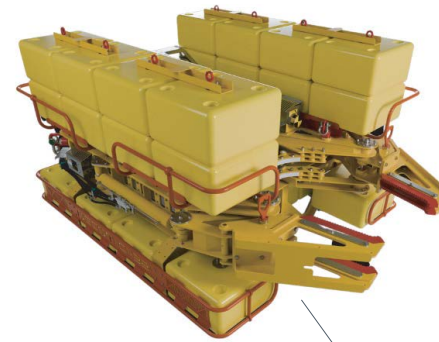


Specification Sheet

The Decom Engineering C1-32 Chopsaw represents our pinnacle achievement in 2024, setting new benchmarks in subsea cutting technology. Designed to handle materials from 2" to 32" in diameter, this flagship model incorporates state-of-the-art features to deliver exceptional performance across diverse applications.

Engineered with advanced buoyancy capabilities, the C1-32 ensures seamless maneuverability with ROVs, eliminating the need for crane wires when buoyancy modules are attached. Its innovative design includes replaceable blade tips, reducing operational costs and downtime associated with blade maintenance.

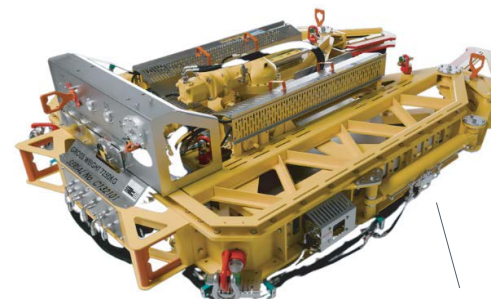
Cutting capability	0" – 32" (0mm – 813mm)
Hydraulic requirements	150 L/min @ 210 bar
Weight in air	5,300kg
Weight in water with integrated buoyancy	0-50kg
Dimensions	4125mm x 3000mm x 2180mm
Blade Diameter	2100mm
Nominal RPM	20



With Buoyancy

Features

- 0" to 32" capacity
- Fast and clean cut
- Market leading cut times
- Multiple cuts per blade: up to 100 depending on application
- Topside or ROV operated
- Operator-friendly control panel
- Robust shipping cage with comprehensive spares boxes
- Highly adaptable to suit surroundings and structures
- Multiple lifting points located around the tool allowing a highly versatile angle of deployment

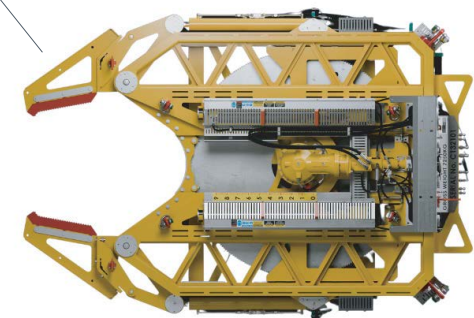


Without Buoyancy

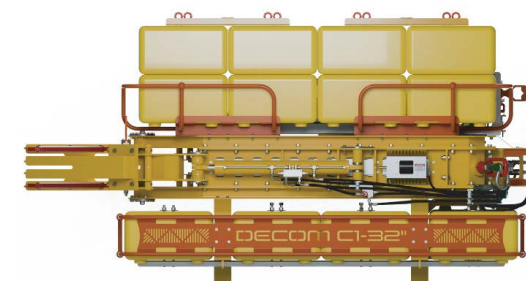
Product Benefits

- Multiple cuts per blade, up to 100 depending on application, leading to significant cost savings and increased efficiency.
- Capable of cutting subsea or in wet storage without surface retrieval.
- Comes with a comprehensive spares package in a compact, robust transport cage.
- Operated topside or by ROV with an operator-friendly control panel.
- Highly adaptable with customizable clamping and multiple lifting points for versatile deployment.
- Quick 30-minute blade changes and the ability to cut both vertically and horizontally.
- Neutrally buoyant in seawater, allowing easy maneuverability with an ROV without the need for a crane wire.
- Replaceable blade tips eliminate the need for full blade replacement.

Without Buoyancy



With Buoyancy



C1-46

A Giant in Chopsaw Technology

APPLICATIONS

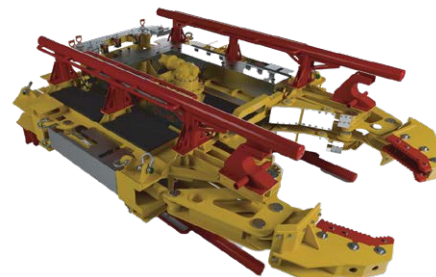
- Pipe – coated or bare
- Jacket structures, box sections
- Casing
- Mooring chain
- Solid bars
- Conductors
- Umbilicals and cable

Specification Sheet

The C1-46 Chop Saw was developed in response to client-led needs, setting new standards in subsea cutting technology. Designed to handle large OD pipelines up to 46" in diameter, including those with concrete coating and steel rebar, the C1-46 is a game-changer in its field.

This saw boasts key features such as DNV certification for the highest safety and performance standards, rapid customisation of clamps to adapt to various project requirements, and hot stab integration for seamless and efficient operation. Its safe and robust landing frame ensures stability and security during operations, while blade innovation with segmented tip technology reduces deck handling and enhances cutting efficiency.

Cutting capability	2" – 46" (508mm – 1168mm)
Hydraulic requirements	200 L/min @ 210 bar
Weight in air	14,340kg
Weight in water with integrated buoyancy	12,082kg
Dimensions	6000mm x 4450mm x 2000mm
Blade Diameter	3050mm
Nominal RPM	10-13.5

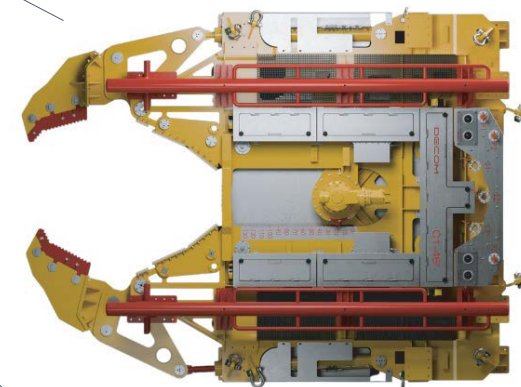


Features

- 20" to 46" capacity
- Fast and clean cut
- Market leading cut times
- Multiple cuts per blade: up to 100 depending on application
- Topside or ROV operated
- Operator-friendly control panel
- Robust shipping cage with comprehensive spares boxes
- Highly adaptable to suit surroundings and structures
- Multiple lifting points located around the tool allowing a highly versatile angle of deployment

Product Benefits

- Multiple cuts per blade, up to 100 depending on application, leading to significant cost savings and increased efficiency.
- Can complete an array of cuts whilst subsea or held in wet storage – without returning to the surface.
- Chopsaw comes with a comprehensive spares package, in a compact yet robust shipping cage.
- Unique water cooling system for surface cutting.
- The C1-46 Chopsaw can be supplied set up in a number of configurations and settings to suit project requirements and work scope.
- Customisable clamping system allowing the flexibility to clamp around a vast array of shapes and sizes.
- Blade change only takes 30 – 45 minutes.
- Can cut vertically or horizontally.



Tracksaw

Precise Linear Cutting



APPLICATIONS

- Flat Plate
- Gussets
- Rib Plates
- Standard Beam Section

The Tracksaw is the latest innovation in precision cutting, designed as the first of its kind in compact cutting technology.

Combining high-torque power with unmatched versatility, the Tracksaw is engineered for optimal performance in confined spaces and challenging environments. Its compact design allows it to fit into tight areas with minimal headroom, while maintaining precision and control through customisable clamps that secure it to the work surface.

Fabricated from high-strength Strenx steel, the Tracksaw is built for durability in harsh environments, making it a reliable solution for both subsea and industrial projects.

With the unique ability to remain clamped even when hotstabs are disconnected, the tool can be stored subsea between deployments, eliminating the need for recovery and maximising operational efficiency.

Capable of performing both horizontal and vertical cuts, the Tracksaw sets a new standard for efficient, reliable, and controlled cutting across a range of applications.

Specification Sheet

Dimensions	1,858mm (L) x 915mm (H) x 502mm (W)
Cutting Track Width	350mm
Headroom Requirement	450mm
Maximum Thickness of Cut	150mm
Maximum Linear Cut Length	850mm
Weight	230Kg on surface, 200Kg in water
Blade Diameter	750mm TCT Blade
Hydraulic Requirements	60 L/min @ 210 bar
Nominal RPM	70



Product Benefits

Fits Confined Spaces: Ideal for tight environments.

Versatile Cutting: Adaptable for various orientations and tasks.

Enhanced Precision: Secure clamping ensures consistent cuts.

Fast Performance: High-torque motor speeds up cutting, improving efficiency.

Cost-Effective Subsea Storage: Reduces downtime and operational costs.

Durability: Long-lasting performance in harsh conditions.

Features

• **Compact Design:** 350mm track width, 502mm total width, fits into tight spaces.

• **Customisable Clamping:** Secure attachment to various surfaces for precision cutting.

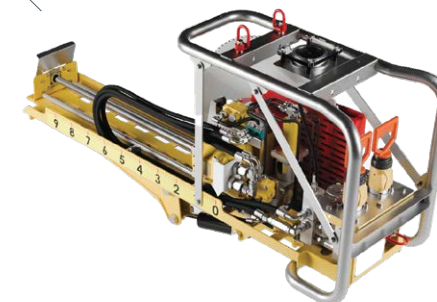
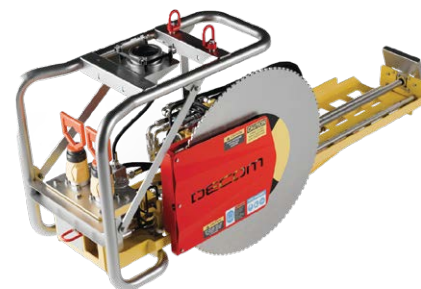
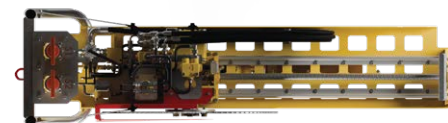
• **Subsea Storage:** Remains clamped without hotstabs, reducing retrieval needs.

• **Dual Cutting Capability:** Performs horizontal and vertical cuts for versatile applications.

• **High-Torque Hydraulic Motor:** Fast and efficient cutting performance.

• **Durable Construction:** Made from Strenx steel for enhanced strength and resilience.

• **Safety Mechanism:** Travel limit switch prevents damage by stopping the cutting head upon detecting obstacles.





TRACS-16

Cut and Recover with Confidence

APPLICATIONS

- Pipeline and flowline cut and recovery from seabed
 - Subsea decommissioning operations
- Suitable for rigid and flexible pipelines/risers
- Suitable for single and bundled pipelines
- Operable via ROV or topside control package

Decom Engineering’s TRACS-16 (Twin Recovery & Cutting System) is an advanced subsea tool designed to cut and recover pipelines up to 20m long with diameters up to 16” (custom sizes can be engineered as required).

Ideal for decommissioning operations, the crane-deployable tool is capable of recovering sections and returning them to the deck or relocating to a subsea basket.

Equipped with one pipe grab at each end of the 20m beam, it has a Safe Working Load (SWL) of 16Te. Grab locations can be relocated on the beam to accommodate different lengths.

The quick-connect system allows for seamless attachment and detachment of the C1-16 Chopsaw, which comes with an 1,040mm blade capable of making precise cuts through pipes up to 16” in diameter. The tool also includes ROV grab bars at both ends and near the hotstab panel, ensuring easy positioning and stabilisation by the ROV.

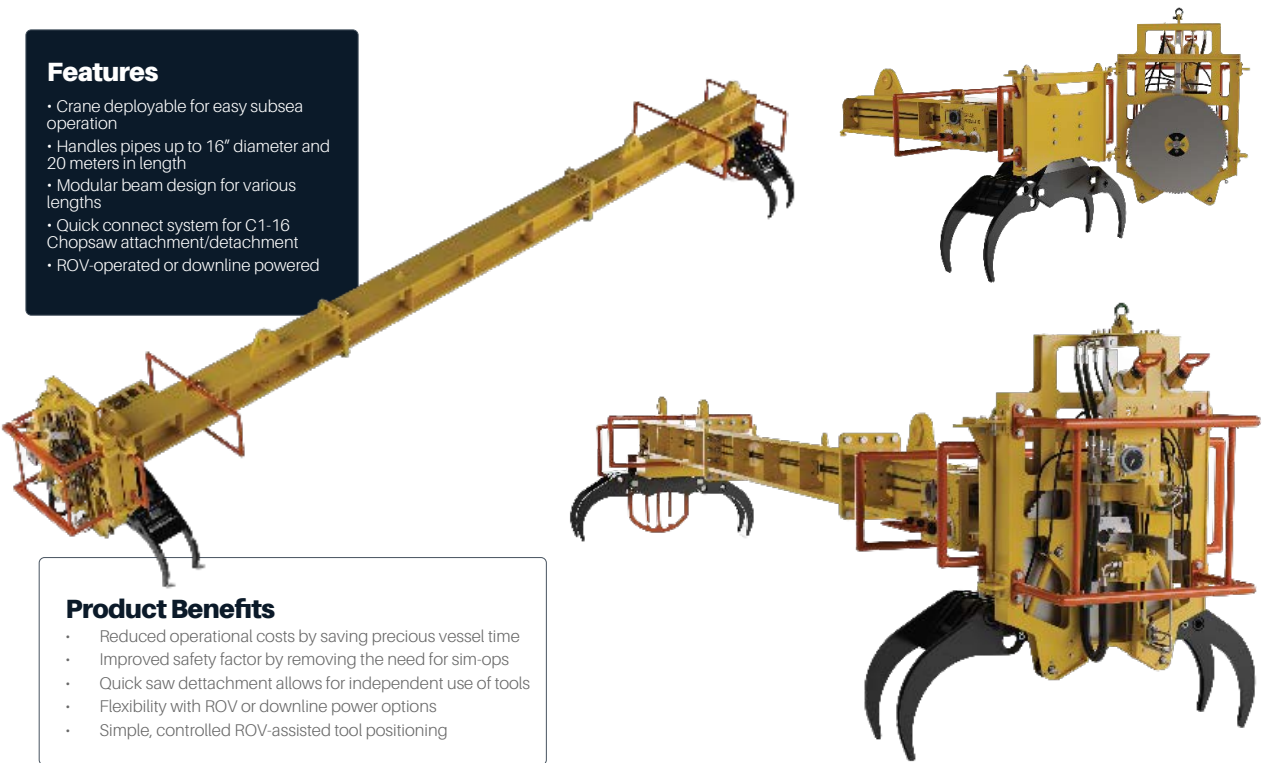
Dimensions (with C1-16 attached)	L12,133mm x H1,850mm x W1,258mm
Weight in Air	Approx. 6,000kg
Weight in Water	Approx. 5,220kg
SWL	16Te
Max Fluid Pressure Delivery	60L/min @ 300 Bar
Cutting Capacity	0”- 16” (0mm-406mm)
Hydraulic Requirements	60L/min @ 210 bar
Blade Diameter	1,040 mm
Nominal RPM	60

Features

- Crane deployable for easy subsea operation
- Handles pipes up to 16” diameter and 20 meters in length
- Modular beam design for various lengths
- Quick connect system for C1-16 Chopsaw attachment/detachment
- ROV-operated or downline powered

Product Benefits

- Reduced operational costs by saving precious vessel time
- Improved safety factor by removing the need for sim-ops
- Quick saw detachment allows for independent use of tools
- Flexibility with ROV or downline power options
- Simple, controlled ROV-assisted tool positioning





RIGID PIPELINE | FLEXIBLE PIPELINE/FLOWLINE | MOORING CHAIN | RISERS | STRUCTURAL MEMBERS
COATED PIPE | CHAIN | CARBON STEEL | SUPER-DUPLEX | INCONEL | SPU COATINGS | PE COATINGS
CONCRETE | MULTI-STRING CONDUCTORS

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SAFER.
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