



Diamond Wire Saws



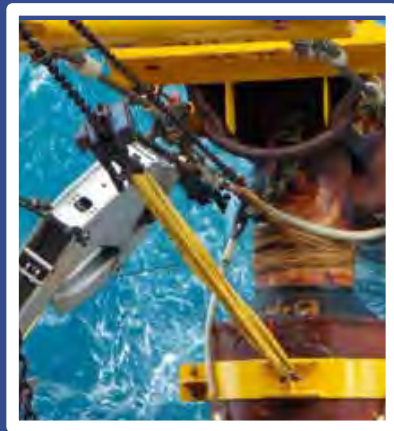
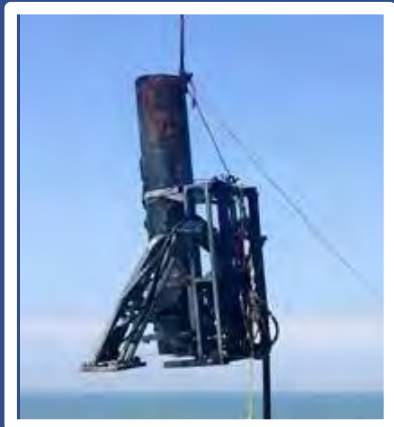
# Why Choose Mactech Offshore?



**MACTECH**

- Mactech Makes A Total And Commitment To Safe Working Practices, Both In Equipment Design And Services Performed
- Focus On Producing The Best Cut Times In The Offshore Industry
- Emphasis On Reliability And Consistency In DWS Design To Produce Full Thru-Cuts On Pipe Section, Giving Operators Confidence And Confirmation In Cuts
- Tools, Procedures And Problem-Solving Techniques Incorporate Hands-on Technician Input And Experience
- Best Practices Approach Under Continual Scrutiny And Revision
- OEM In-House Product Development Breeds Innovation
- Providing Solutions For Complicated Technical Problems
- Broad And Deep Range Of Offshore Equipment And Assets On-site
- “A” Safety Rating On ISN
- Made In The USA





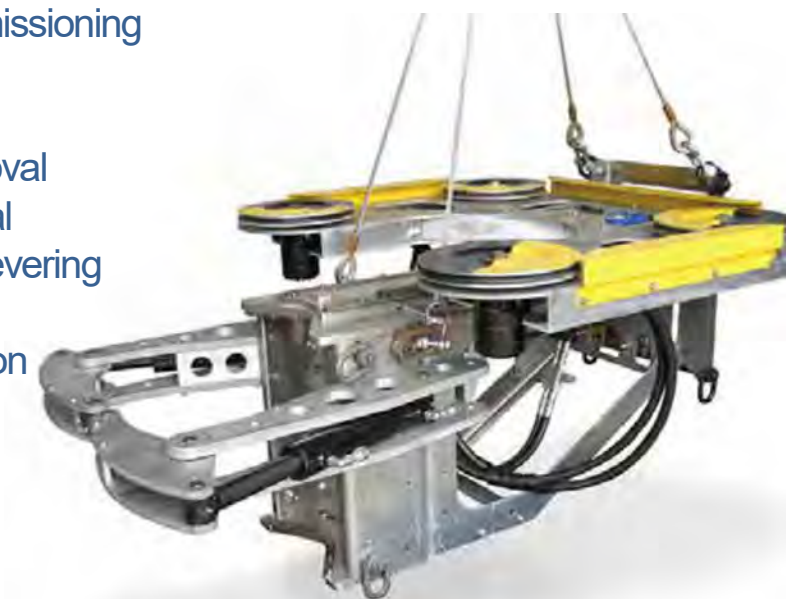
# Diamond Wire Saws

Mactech Offshore offers a wide selection of Diamond Wire Saws for Subsea and Topside cutting of a variety of materials and in challenging environments. Cutting range from 4" up to a 120".

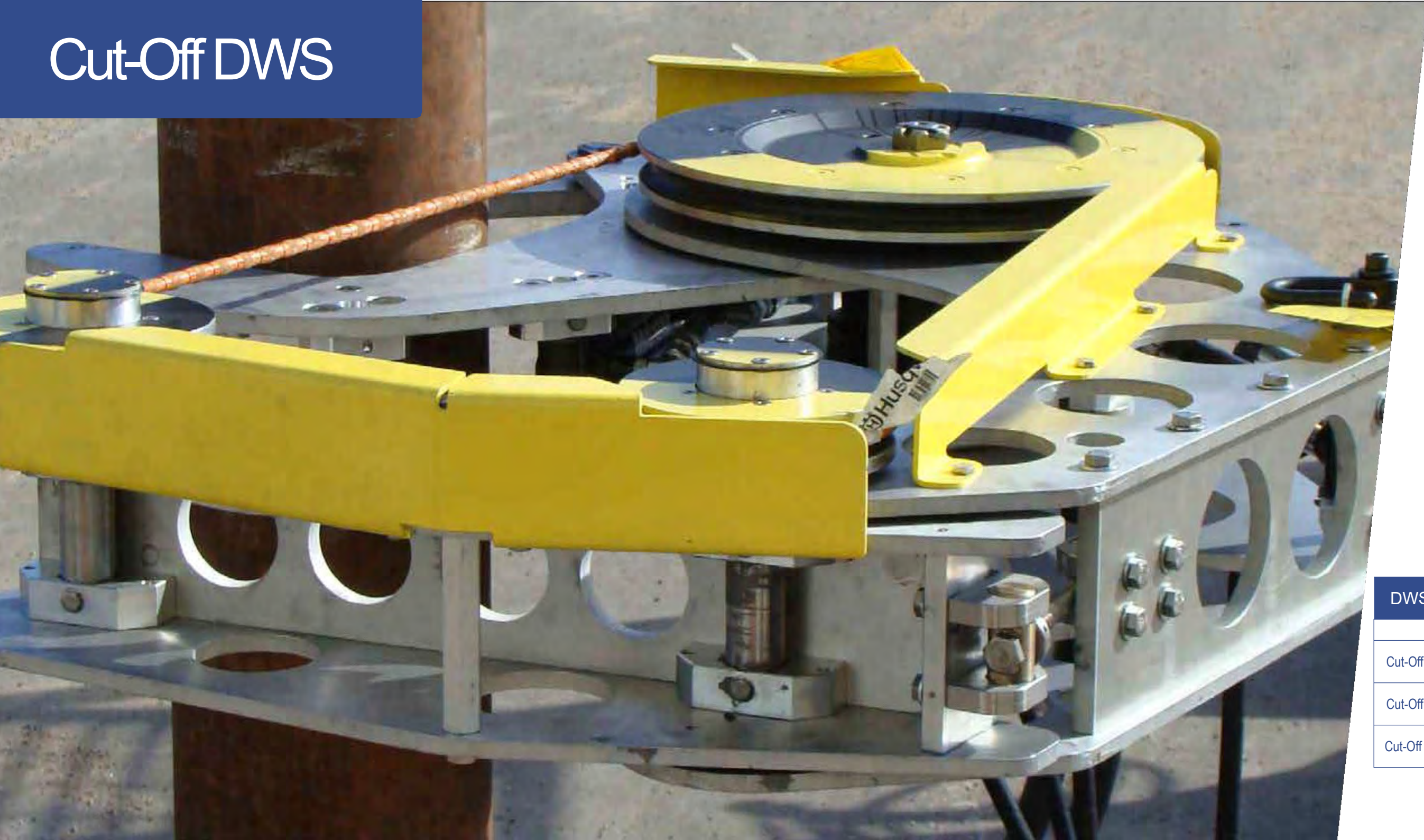
Diamond Wire Saws are ideal for cutting multi-string casing or heavy wall legs and cross members.

## Applications include:

- Offshore decommissioning
- Subsea cutting
- Topside cutting
- Bridge piling removal
- Well head removal
- Large diameter severing
- Slot recovery
- Marine construction







# Cut-Off DWS

Compact and portable, our Cut-off saws work in areas where larger saws can't reach, or where manoeuvrability and ease of positioning is required. The Cut-off Saw is light and small, making it easy for divers to set up. Get all the capabilities of our larger saws in an affordable and easy to use unit.

- Cuts pipe, multi-string casing and pilings, even cuts bundled wire
- Lightweight and easy to maneuver. The DWS-16co weighs only 210 lbs.
- Cuts round or square structures
- Robust design allows for continued operation in tough conditions



DWS Machine	Cutting Capacity	Operating Dimensions	Shipping Dimensions	Operating Weights	Shipping Weights
Cut-Off Saw 16 Round	4 to 16 inches round 102 to 406 mm round	43 x 24 x 10 inches 1092 x 610 x 254 mm	60 x 48 x 36 inches 1524 x 1219 x 914 mm	210 lbs. 95 kg	650 lbs. 295 kg
Cut-Off Saw 24 Round	16 to 24 inches round 406 to 610 mm round	39 x 48 x 19 inches 991 x 1219 x 483 mm	68 x 51 x 38 inches 1727 x 1295 x 965 mm	320 lbs. 145 kg	950 lbs. 431 kg
Cut-Off Saw 24 Square	10 to 20 inches square 254 to 508 mm square	39 x 48 x 19 inches 991 x 1219 x 483 mm	68 x 51 x 38 inches 1727 x 1295 x 965 mm	320 lbs. 145 kg	950 lbs. 431 kg



The workhorse of the diamond wire saw fleet, our Inline Saws have all the features you need to efficiently cut casing and structures.

These saws have performed thousands of successful cuts in the Gulf of Mexico and around the world.

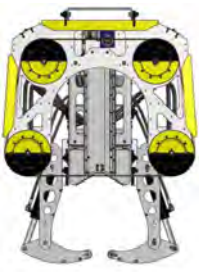
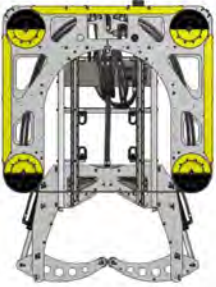
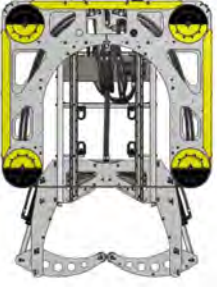
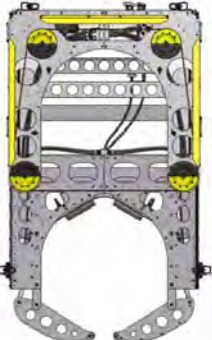
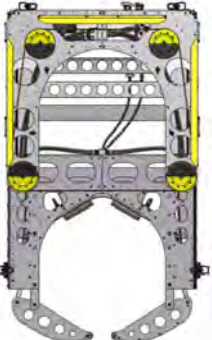
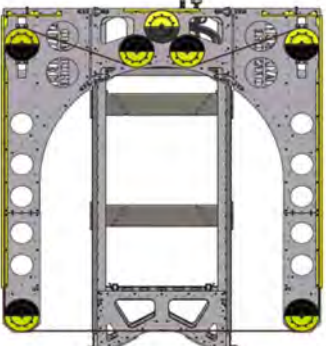
- Used for subsea and topside cutting
- Operates in any position
- Cuts multi-string casing, square piles, steel and concrete
- Easily modified for specialized cuts
- Cuts in any orientation, upside-down, right-side up, or at any angle

Our inline series of saws has the largest operating range, and are easily customized to adapt to your specific project needs.

Our design helps to reduce setup, installation, cutting and removal time, and the small footprint saves deck space.



# Inline DWS

					
30i Inline DWS AF SS 16 to 30 inches 406 to 762 mm	48i Inline DWS AF SS 20 to 48 inches 508 to 1219 mm	48i Inline DWS ROV SS 20 to 48 inches 508 to 1219 mm	60i Inline DWS AF SS 26 to 60 inches 660 to 1524 mm	84i Inline DWS AF SS 36 to 84 inches 914 to 2134 mm	102i Inline DWS AF SS 48 to 102 inches 1219 to 2591 mm

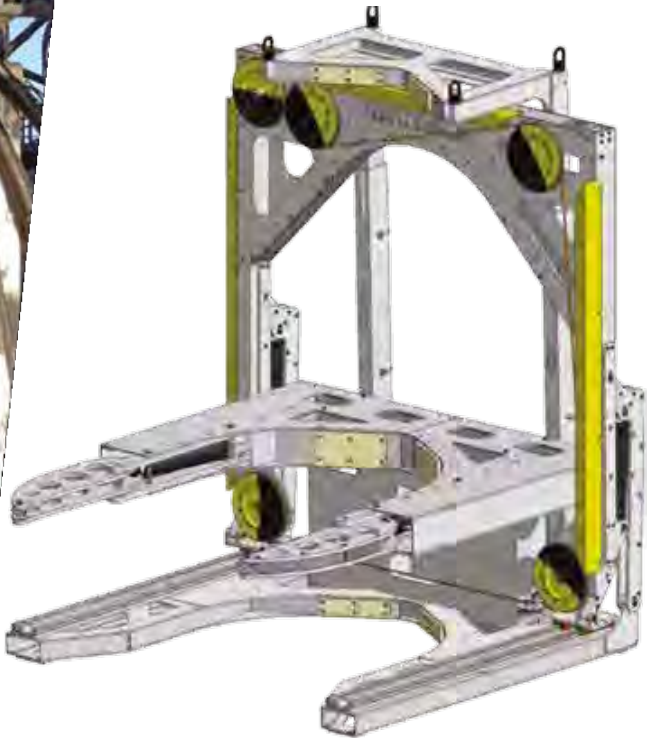
DWS Machine	Cutting Capacity	Operating Dimensions	Shipping Dimensions	Operating Weights	Shipping Weights
Inline 30i AF SS	16 to 30 inches 406 to 762 mm	86 x 65 x 40 inches 2184 x 1651 x 1016 mm	86 x 65 x 43 inches 2184 x 1651 x 1092 mm	1050 lbs. 476 kg	1350 lbs. 612 kg
Inline 48i AF SS	20 to 48 inches 508 to 1219 mm	134 x 82 x 38 inches 3404 x 2083 x 965 mm	115 x 82 x 38 inches 2921 x 2083 x 965 mm	1680 lbs. 762 kg	1680 lbs. 762 kg
Inline 48i ROV SS	20 to 48 inches 508 to 1219 mm	134 x 82 x 38 inches 3404 x 2083 x 965 mm	115 x 82 x 38 inches 2921 x 2083 x 965 mm	1680 lbs. 762 kg	1680 lbs. 762 kg
Inline 60i AF SS	26 to 60 inches 660 to 1524 mm	165 x 98 x 55 inches 4191 x 2489 x 1397 mm	145 x 98 x 33 inches 3683 x 2489 x 838 mm	2575 lbs. 1168 kg	2575 lbs. 1168 kg
Inline 84i AF SS	36 to 84 inches 914 x 2134 mm	237 x 144 x 79 inches 6031 x 3661 x 1998 mm		2375 lbs. 1077 kg	
Inline 102i AF SS	48 to 102 inches 1219 x 2591 mm	165 x 138 x 69 inches 4191 x 3505 x 1753 mm	165 x 60 x 73 inches 4191 x 1524 x 1854 mm	2375 lbs. 1077 kg	2450 lbs. 1111 kg



# Articulating DWS

The patented design of our Articulating Diamond Wire Saws increase the efficiency and effectiveness of low-clearance cuts in the subsea cutting world. The articulated design only requires 2 feet of clearance around casings and the cut is made at the bottom of the saw, so there is no need to make additional space and can minimize dredge requirements.

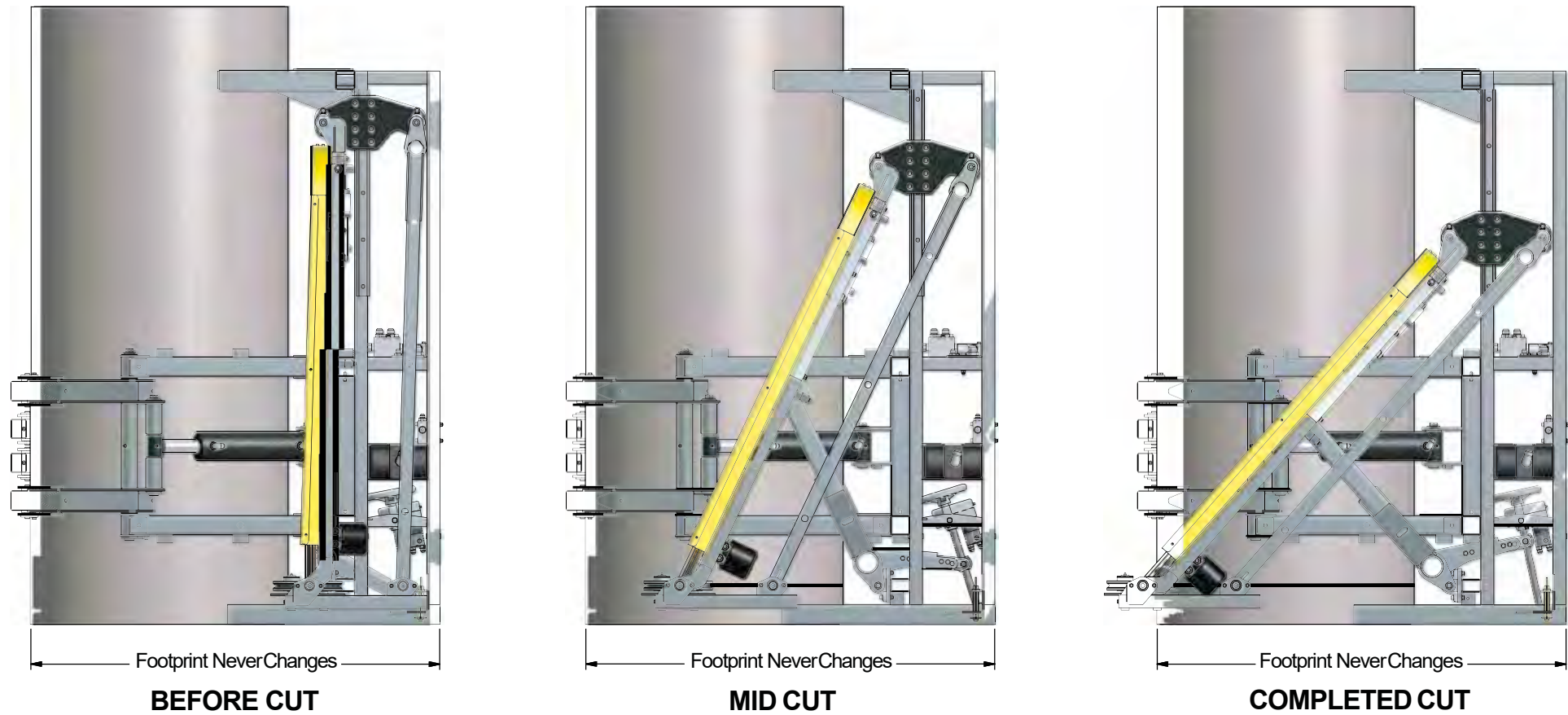
- US Patents 8,651,098B2, 8,833,359,B2, 9,010,311B1
- Cuts flat with mudline at bottom of the saw
- Reduces backside clearance footprint up to 70%, compared to inline DWS
- Reduces equipment footprint up to 55% compared to inline DWS
- Reduces excavation footprint allowing up to 94% reduction of material to be dredged
- Ideal for cutting multi-string applications or heavy wall legs
- Designed to reduce setup, installation and cut times
- All Mactech Diamond Wire Saws can be customized for ROV capability



DWS Machine	Cutting Capacity	Operating Dimensions	Shipping Dimensions	Operating Weights	Shipping Weights
Articulating DWS 40a	22 to 40 inches 559 to 1016 mm	60 x 107 x 86 inches 1524 x 2718 x 2184 mm	60 x 107 x 86 inches 1524 x 2718 x 2184 mm	2400 lbs. 1089 kg	2550 lbs. 1157 kg
Articulating DWS 60a	26 to 60 inches 660 to 1524 mm	102 x 109 x 128 inches 2591 x 2769 x 3251 mm	98 x 109 x 97 inches 2489 x 2769 x 2464 mm	3200 lbs. 1451 kg	3200 lbs. 1451 kg

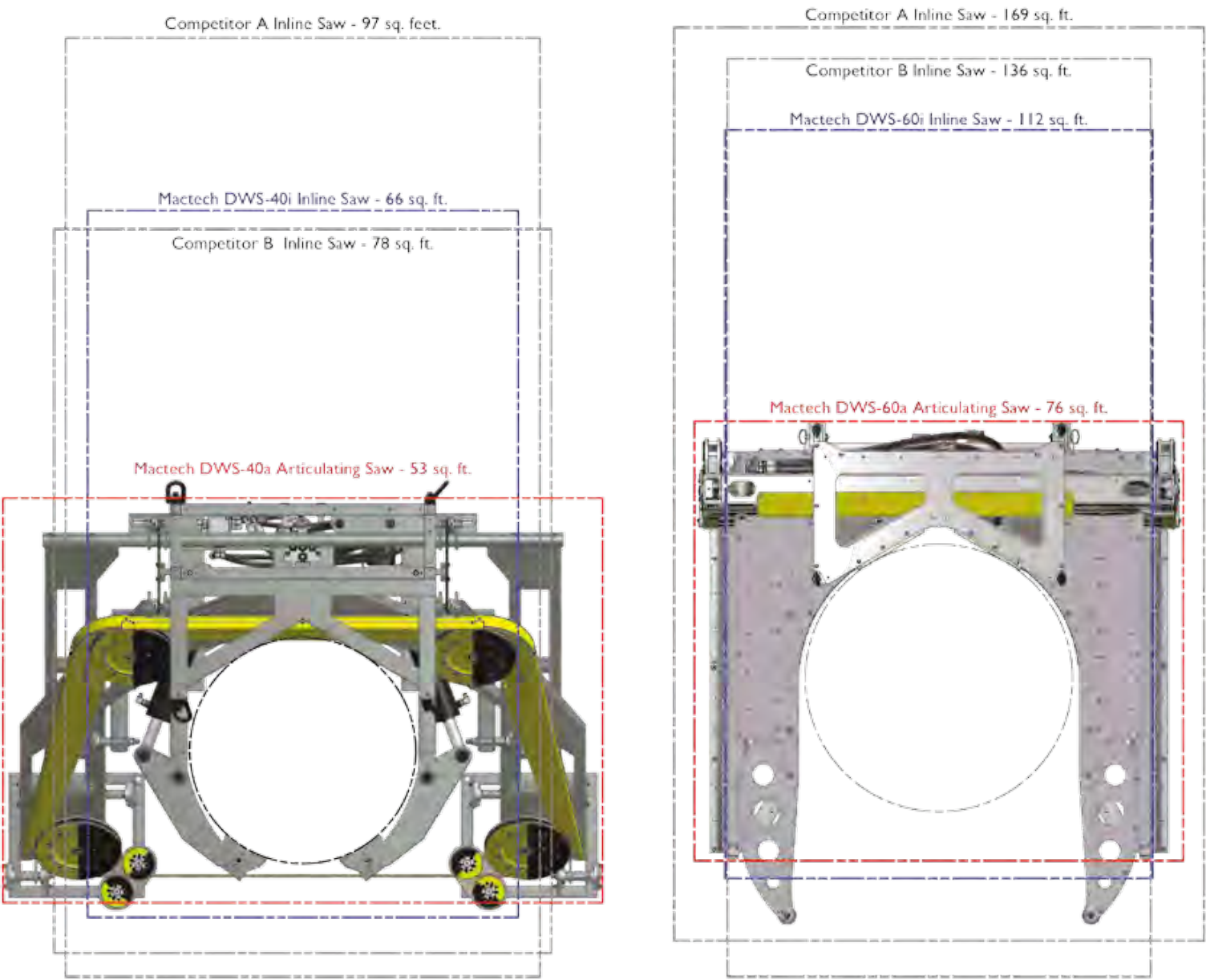


# PatentedArticulating Design



Articulating Saws cut perpendicular to the pipe axis

## Less Excavation Required

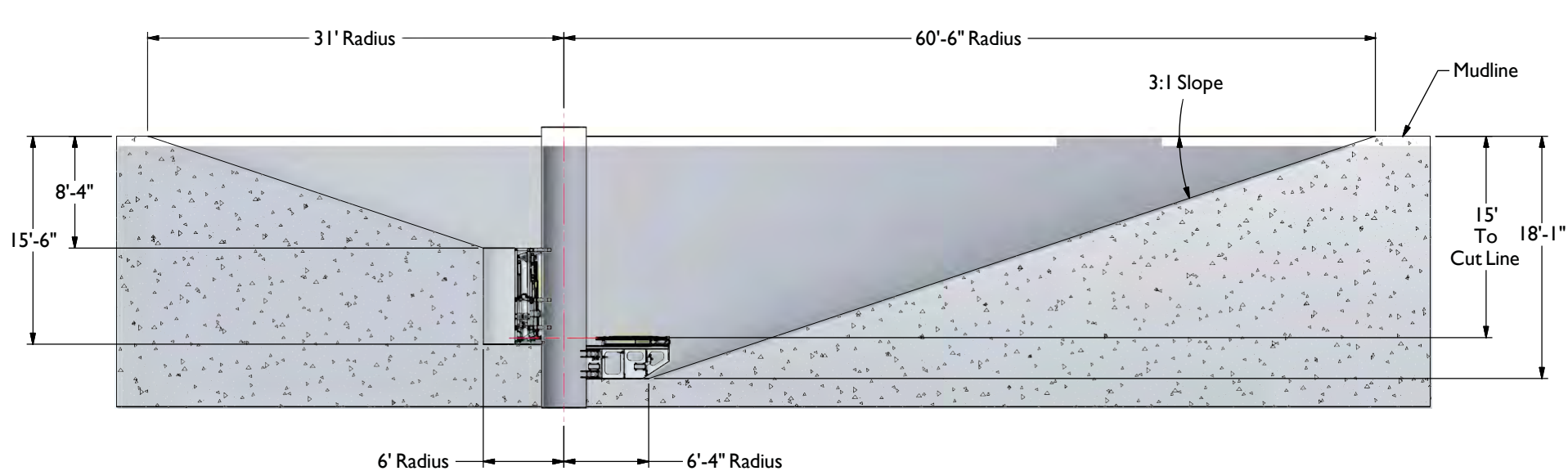


Reduces backside  
clearance footprint  
up to 70%

Reduces equipment  
footprint up to 55%

# Articulating

## DWS-40aArticulating / DWS-40i Inline Dredging Requirements

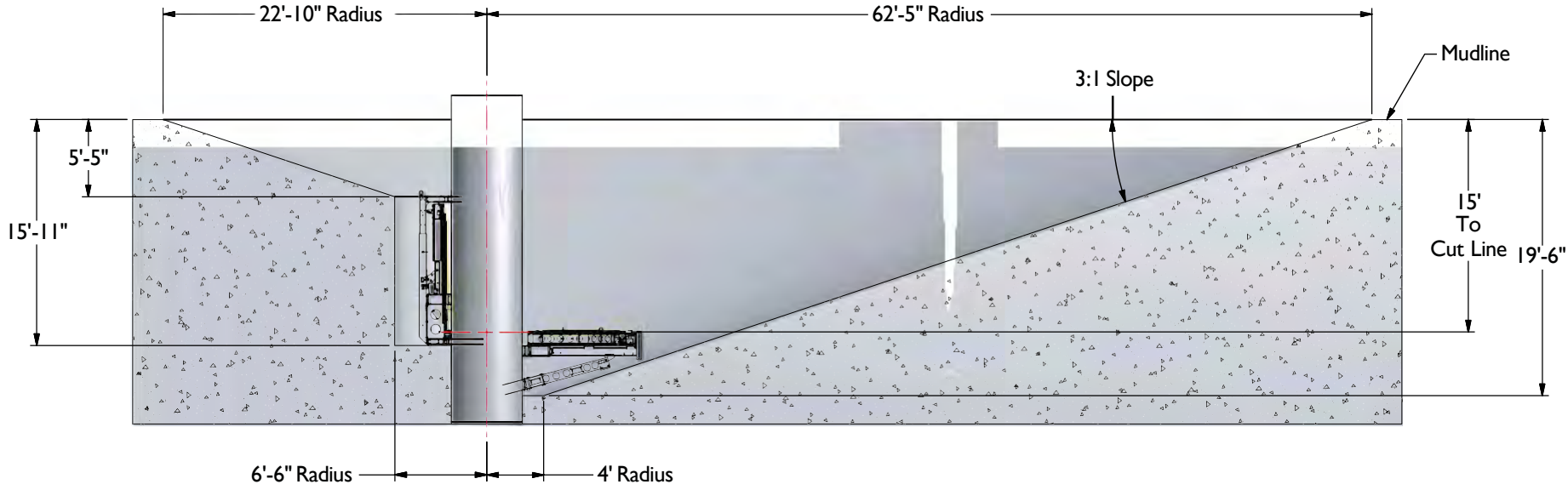


**DWS-40a Articulating Saw**  
~410 cubic yards dredge for a 15 ft. below the mudline cut.

**DWS-40i Inline Saw**  
~2900 cubic yards dredge for a 15 ft. below the mudline cut.

Up to 86% reduction of material to be removed

## DWS-60aArticulating / DWS-60i Inline Dredging Requirements



**DWS-60a Articulating Saw**  
~200 cubic yards dredge for a 15 ft. below the mudline cut.

**DWS-60i Inline Saw**  
~3200 cubic yards dredge for a 15 ft. below the mudline cut.

Up to 94% reduction of material to be removed

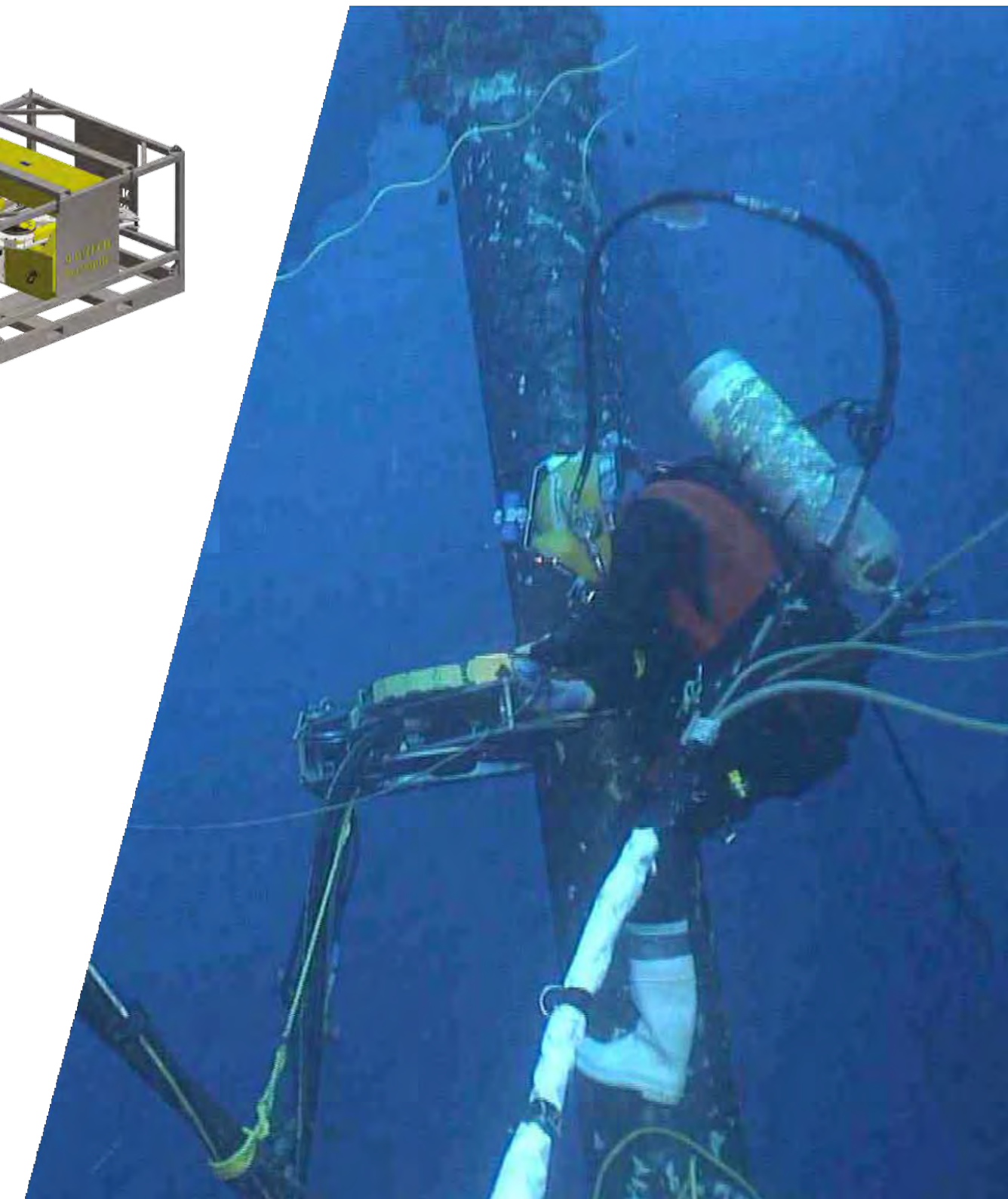
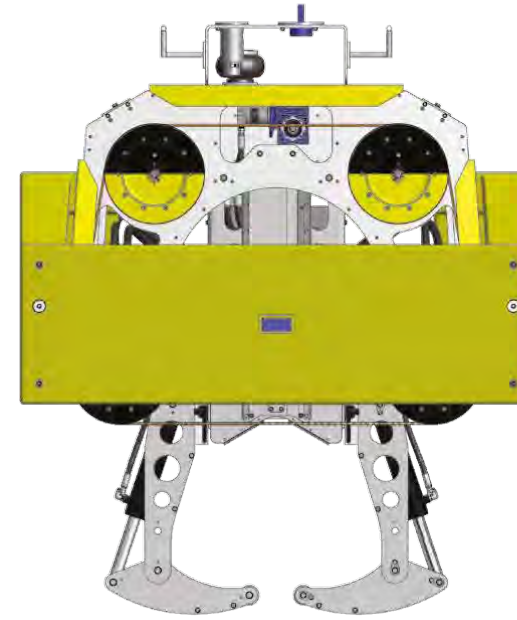


# ROV Diamond Wire Saw

The ROV Diamond Wire Saw is designed to address economical efficiencies and advantages while focusing on personnel and environmental safety while performing abandonment operations.

Mactech's ROV Diamond Wire Saw offers operators and contractors the ability to keep divers out of the water, maintain controllable and precise cuts, and operate at a subsea weight of approximately 160 lbs.

- 150 lbs. subsea weight
- Depth rates to 3000 m
- Integrated compensation system with hot stab connections
- Capable of ROV-Powered or Surface-Powered with ROV positioning







# MACTECH



Mactech Europe - Head Office

Mactech House

Riverdane Road

Eaton Bank Trading Estate

Congleton

Cheshire

CW12 1PN

+ 44 (0) 1260 281431

Mactech Europe - Aberdeen Office

Mactech House

Howe Moss Drive

Kirkhill Ind. Estate

Dyce

Aberdeen

AB21 0GL

+ 44 (0) 1224 722666

Mactech Europe BV - Holland

Moerbeij 16

3371 NZ

Hardinxveld-Giessendam

Netherlands

+ 31 (0) 184 633 953

[www.mactech europe.co.uk](http://www.mactech europe.co.uk)  
[www.mactech hire.com](http://www.mactech hire.com)  
[info@mactech europe.co.uk](mailto:info@mactech europe.co.uk)