



# Articulating Diamond Wire Saw 60a

26 to 60 inches (660 to 1524 mm)

Articulating Diamond Wire Saws increases the efficiency and effectiveness of low-clearance cuts in the subsea cutting world.

The 60 inch articulating diamond wire saw utilizes an articulating cutting arm for minimal clearance during cuts where other setups may not be able to fit or operate.

Needing only 2 feet of clearance around the object being cut and having the cut set at the bottom of the saw, there is no need for extra dredging. Adjustable guide arms clamp around the piles and the diamond wire runs through a series of pulleys on the unit.

This design reduces setup, installation and removal times, as the guiding arms can be closed loosely around the piles to guide the saw down to cutting level before clamping on.

This can also increase safety on the job as we are able to minimize the need for divers in the water.

## Benefits

- 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

Stainless  
Steel  
Fittings &  
Fasteners





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Specifications		Hydraulic Requirements	
Cutting Capacity	Ø 20 - Ø 60 inches	Drive	32 gpm @ 3000 psi
	Ø 660 - Ø 1524 mm		114 lpm @ 207 bar
Operating Dimensions	113 x 109 x 128 inches	Feed	.5 gpm @ 1000 psi
	2870 x 2769 x 3251 mm		2 lpm @ 69 bar
Operating Weights	(Dry) 3275 lbs / (Wet) 2158 lbs	Clamp	.5 gpm @ 1500 psi
	(Dry) 1485 kg / (Wet) 980 kg		2 lpm @ 103 bar
Shipping Dimensions	98 x 109 x 97 inches	Accessories Available	
	2489 x 2769 x 2464 mm		
Shipping Weights	3200 lbs	Water Hose System Diamond Wire (Steel) Diamond Wire (Concrete) Diamond Wire (Premium Concrete) Hydraulic Control Cart Support Package (Box, SP, TH) Spares Kit Tool Kit	
	1451 kg		

