

DIAMOND WIRE SAW OVERVIEW

MACTECHOFFSHORE.COM

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WORLDWIDE SUPPLIERS AND SERVICE

Mactech proudly has representation across the globe.

For more information on connecting with your nearest sales agent, contact us at:

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FOUNDED IN 1974

STRATEGICALLY LOCATED THROUGHOUT THE U.S. WITH FIVE INTERNATIONAL DISTRIBUTION PARTNERS

- ► 40 Full-time technicians
- 6 Full-time engineering staff
- ► 500+ On-site machine tools
- ▶ 50+ Rental Diamond Wire Saws
- In-house production of equipment and tooling
- Around the clock manufacturing capability
- Sales, Rental, and Service







500+ MACHINE TOOLS



WITH OVER 45 YEARS OF EXPERIENCE IN THE FIELD MACHINING SERVICE INDUSTRY, WE CREATED THESE SIX STEPS TO ENSURE A SUCCESSFUL EXECUTION FROM START TO FINISH

- 1. Define the scope of the project clearly
- 2. Create a best-value plan for the projects completion
- 3. Communicate and confirm the recommendation
- 4. Schedule and coordinate all required resources
- 5. Execute the plan and be ready to adapt with open communication through completion
- **6.** Continuous improvement review

WHAT MAKES MACTECH OFFSHORE UNIQUE?



EXCEPTIONAL PEOPLE AND EQUIPMENT



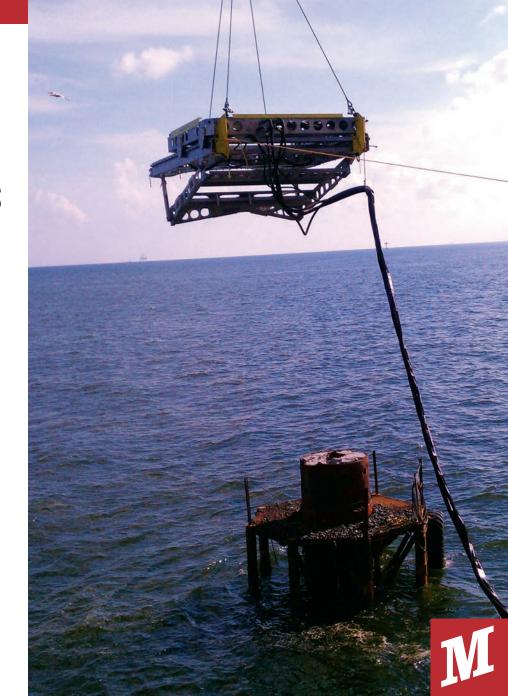


EXPERTISE FROM EXPERIENCE

OFFSHORE CUTTING SOLUTIONS

PROVIDING VALUE BY SOLVING PROBLEMS THROUGH EXPERIENCE

- ► Offshore and Onshore Oil & Gas
- ► Marine Construction
- ► Civil & Heavy Construction
- Cutting, drilling, and machining solutions



DIAMOND WIRE SAW OVERVIEW

For surface and underwater cutting of almost any material

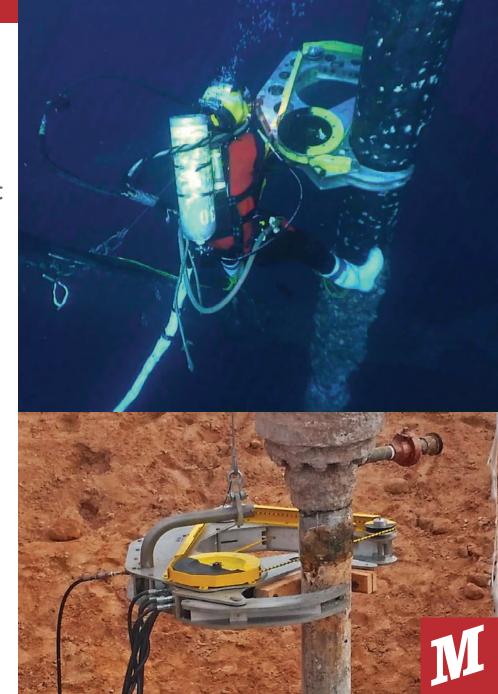
- Cutoff / Inline / Articulating
- ► Cutting range of 4.5" to 120"
- ROV compatible configurations on some models
- Standard automatic feed on many models



CUTOFF DIAMOND WIRE SAWS

Compact, lightweight design for tight spaces

- ► 2 Models available
- ► Cutting range 4.5" to 24"
- ► Automatic feed available
- ► ROV Package available soon



DWS-16co-SS

PART# 607-0019-SS

SPECIFICATIONS	
Cutting Capacity	Ø 4.5" - Ø 16"
	Ø 114 - Ø 406mm
Operating Dimensions	44" × 41" × 11"
	1117 x 1041 x 279mm
Operating Weight	(Dry) 210 lbs / (Wet) 150lbs
	(Dry) 95kg / (Wet) 68kg

15 gpm @ 3000 psi 57 lpm @ 207 bar .5 gpm @ 500 psi 2 lpm @ 30 bar .5 gpm @ 1500 psi	HYDRAULIC REQUIREMENTS	
57 lpm @ 207 bar .5 gpm @ 500 psi 2 lpm @ 30 bar .5 gpm @ 1500 psi	Drive	15 gpm @ 3000 psi
Feed 2 lpm @ 30 bar 5 gpm @ 1500 psi		57 lpm @ 207 bar
2 lpm @ 30 bar .5 gpm @ 1500 psi	Food	.5 gpm @ 500 psi
.5 gpm @ 1500 psi	reea	2 lpm @ 30 bar
	Clamp	.5 gpm @ 1500 psi
2 lpm @ 103 bar		2 lpm @ 103 bar

- Cutoff Saw
- ► Stainless Steel Fasteners & Fittings







DWS-24co-SS

PART# 607-0095-SS

SPECIFICATIONS	
Cutting Capacity	Ø 10" - Ø 24"
	Ø 102 - Ø 610mm
Operating Dimensions	61" x 53" x 18"
	1526 x 1445 x 408mm
Operating Weight	(Dry) 345 lbs / (Wet) 220lbs
	(Dry) 156kg / (Wet) 100kg

HYDRAULIC REQUIREMENTS	
Drive	15 gpm @ 3000 psi
	57 lpm @ 207 bar
Feed	.5 gpm @ 500 psi
	2 lpm @ 34 bar
Clamp	.5 gpm @ 1500 psi
	2 lpm @ 103 bar

- ► Cutoff Saw
- ► Stainless Steel Fasteners & Fittings







INLINE DIAMOND WIRE SAWS

Our largest cutting range and most versatile design to suit most applications

- ► 8 models available
- ► Cutting range of 14" to 120"
- ► ROV compatible options
- Standard automatic feed



DWS-30i-AF-SS

PART# 607-0132-SS

SPECIFICATIONS	
Cutting Capacity	Ø 14" - Ø 30"
	Ø 356 - Ø 762mm
Operating Dimensions	94" x 64" x 40"
	2388 x 1626 x 1016mm
Operating Weight	(Dry) 950 lbs / (Wet) 696lbs
	(Dry) 431kg / (Wet) 315kg

HYDRAULIC REQUIREMENTS	
Drive	15 gpm @ 3000 psi
	57 lpm @ 207 bar
Food	.5 gpm @ 650 psi
Feed	2 lpm @ 49 bar
Clamp	.5 gpm @ 1500 psi
	2 lpm @ 103 bar

- ► Inline Saw
- ► Stainless Steel Fasteners & Fittings
- Automatic Feed Operation



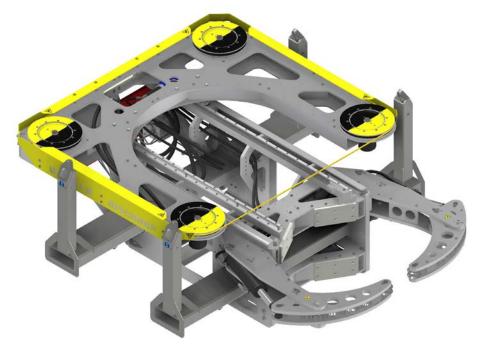




DWS-48i-AF-SS

Ø 20" - Ø 48"
Ø 508 - Ø 1219mm
134" x 94" x 43"
3403 x 2387 x 1092mm
(Dry) 2150 lbs / (Wet) 1600lbs
(Dry) 975kg / (Wet) 726kg

15 gpm @ 3000 psi
57 lpm @ 207 bar
.5 gpm @ 650 psi
2 lpm @ 49 bar
.5 gpm @ 1500 psi
2 lpm @ 103 bar



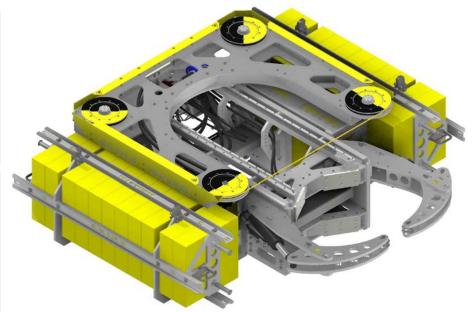
- ► Inline Saw
- ► Stainless Steel Fasteners & Fittings
- ► Automatic Feed Operation



DWS-48i-ROV-SS

SPECIFICATIONS	
Cutting Capacity	Ø 20" - Ø 48"
	Ø 508 - Ø 1219mm
Operating Dimensions	139" x 124" x 38"
	3525 x 3150 x 968mm
Operating Weight	(Dry) 4500 lbs / (Wet) 20lbs
	(Dry) 2041kg / (Wet) 9kg

15 gpm @ 3000 psi
57 lpm @ 207 bar
.5 gpm @ 650 psi
2 lpm @ 49 bar
.5 gpm @ 1500 psi
2 lpm @ 103 bar



- ► Inline Saw
- Stainless Steel Fasteners & Fittings
- ► Automatic Feed Operation
- ► ROV Handles, Hot Stabs, Compensator, and Buoyancy Package



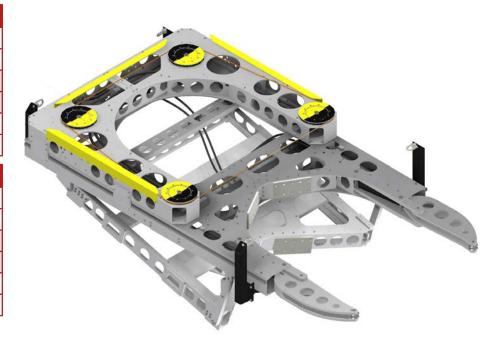
DWS-60i-AF-SS

SPECIFICATIONS	
Cutting Capacity Operating Dimensions	Ø 26" - Ø 60"
	Ø 660 - Ø 1524mm
	182" x 98" x 55"
	4622 x 2489 x 1397mm
Operating Weight	(Dry) 2600 lbs / (Wet) 1785lbs
	(Dry) 1180kg / (Wet) 810kg

15 gpm @ 3000 psi
57 lpm @ 207 bar
.5 gpm @ 1000 psi
2 lpm @ 69 bar
.5 gpm @ 1500 psi
2 lpm @ 103 bar

- ► Inline Saw
- Stainless Steel Fasteners & Fittings
- Automatic Feed Operation







DWS-84i-AF-SS

INLINE

SPECIFICATIONS	
Cutting Capacity	Ø 36" - Ø 84"
	Ø 914 - Ø 2134mm
Operating Dimensions	237" x 144" x 79"
	6031 x 3661 x 1998mm
Operating Weight	(Dry) 4300 lbs / (Wet) 3000lbs
	(Dry) 1950kg / (Wet) 1360kg

40 gpm @ 3000 psi
151 lpm @ 207 bar
.5 gpm @ 1000 psi
2 lpm @ 69 bar
.5 gpm @ 1500 psi
2 lpm @ 103 bar



- ► Inline Saw
- ► Stainless Steel Fasteners & Fittings
- **►** Automatic Feed Operation
- ► ROV Package Available Soon



DWS-102i-AF-SS

SPECIFICATIONS	
Cutting Capacity	Ø 48" - Ø 102"
	Ø 1016 - Ø 2591mm
Operating Dimensions	175" x 140" x 78"
	4445 x 3556 x 1981mm
Operating Weight	(Dry) 3100 lbs / (Wet) 2100lbs
	(Dry) 1406kg / (Wet) 953kg

HYDRAULIC REQUIREMENTS	
Drive	40 gpm @ 3000 psi
	151 lpm @ 207 bar
Feed	.5 gpm @ 1000 psi
	2 lpm @ 69 bar
Clamp	N / A
	N / A

- ► Inline Saw
- ► Stainless Steel Fasteners & Fittings
- ► Automatic Feed Operation







DWS-120i-AF-SS

SPECIFICATIONS	
Cutting Capacity	Ø 48" - Ø 120"
	Ø 1219 - Ø 3048mm
Operating Dimensions	203" x 158" x 83"
	5156 x 4013 x 2108mm
Operating Weight	(Dry) 3500 lbs / (Wet) 2400lbs
	(Dry) 1587kg / (Wet) 1088kg

40 gpm @ 3000 psi
151 lpm @ 207 bar
.5 gpm @ 1000 psi
2 lpm @ 69 bar
N / A
N / A

- ► Inline Saw
- ► Automatic Feed Operation
- ► Stainless Steel Fasteners & Fittings







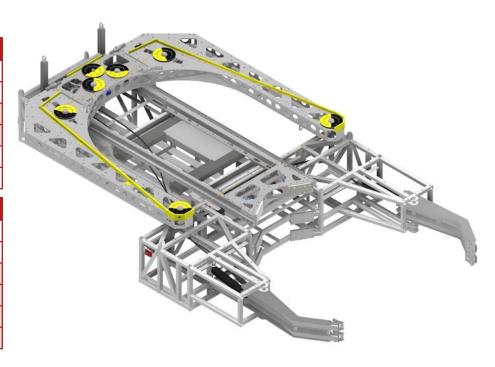
DWS-120i-AF-SS

SPECIFICATIONS	
Cutting Capacity	Ø 84" - Ø 102"
	Ø 2134 - Ø 2591mm
Operating Dimensions	322" x 181" x 61"
	8422 x 4598 x 1538mm
Operating Weight	(Dry) 6850 lbs / (Wet) 4850lbs
	(Dry) 3108kg / (Wet) 2200kg

40 gpm @ 3000 psi
151 lpm @ 207 bar
.5 gpm @ 1000 psi
2 lpm @ 69 bar
.5 gpm @ 1500 psi
2 lpm @ 103 bar

- ► Inline Saw
- Stainless Steel Fasteners & Fittings
- Automatic Feed Operation
- Clamp Assembly







ARTICULATING DIAMOND WIRE SAWS

Specialty saws for cutting in excavations and space with low axial clearance

- ▶ 2 models available
- ► Cutting range of 22" to 60"
- Purpose built for cutting below the mudline
- Compact footprint minimizes excavation time and dredging requirements



DWS-40a-AF-SS

PART# 620-7900

SPECIFICATIONS	
Cutting Capacity	Ø 22" - Ø 40"
	Ø 508 - Ø 1016mm
Operating Dimensions	67" x 105" x 86"
	1702 x 2667 x 2184mm
Operating Weight	(Dry) 2140 lbs / (Wet) 1790lbs
	(Dry) 1161kg / (Wet) 812kg

HYDRAULIC REQUIREMENTS	
Drive	15 gpm @ 3000 psi
	57 lpm @ 207 bar
Feed	.5 gpm @ 1000 psi
	2 lpm @ 69 bar
Clamp	.5 gpm @ 1500 psi
	2 lpm @ 103 bar

- ► Articulating Saw
- ► Stainless Steel Fasteners & Fittings
- Automatic Feed Operation

ARTICULATING





DWS-60a-SS

PART# 607-0084

SPECIFICATIONS	
Cutting Capacity	Ø 26" - Ø 60"
	Ø 660 - Ø 1524mm
Operating Dimensions	113" x 109" x 128"
	2870 x 2769 x 3251mm
Operating Weight	(Dry) 3275 lbs / (Wet) 2158lbs
	(Dry) 1485kg / (Wet) 980kg

HYDRAULIC REQUIREMENTS	
Drive	40 gpm @ 3000 psi
	151 lpm @ 207 bar
Feed	.5 gpm @ 1500 psi
	2 lpm @ 103 bar
Clamp	.5 gpm @ 1500 psi
	2 lpm @ 103 bar

- ► Articulating Saw
- ► Stainless Steel Fasteners & Fittings

ARTICULATING



RENT FROM MACTECH



Renting is less capital intensive than a full product purchase



HANDS-ON EXPERIENCE

Your team gets a chance to handle the equipment before making a purchase decision



You have access to a fleet of products that are maintained and ready to go

WE HAVE AN EXTENSIVE FLEET OF RENTAL MACHINES AVAILABLE:

- ▶ 200+ Clamshell pipe cutting machines 2"-110"
- ▶ 40+ Diamond Wire Saws
- ▶ 100+ Portable Drills up to morse #5 taper
- ▶ 25+ Flange facing machines 1" 240"
- ► 10 Shaft lathes 1"-24"
- ► 30+ Line boring machines 3/4" 10" diameter
- 50+ Portable milling machines XYZ, gantry, boring

For more information on rentals, contact us at:

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INDUSTRIES WE KNOW

OFFSHORE OIL & GAS

Offshore decommissioning

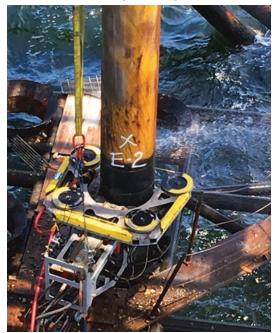
Jacket & pipeline cutting

Pipeline removal

Slot recovery & conductor removal

Stud & lockpin removal

Flange refacing



CIVIL & HEAVY CONSTRUCTION

Foundation pile cutting

Core drilling

Steel & concrete cutting

Onsite machining



MARINE CONSTRUCTION

Cut piles to grade

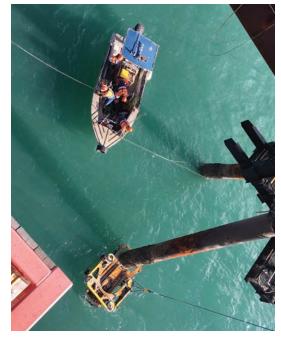
Caisson cutting

Bridge removal

Internal pile cutting

Core drilling

Steel & concrete cutting



AT MACTECH:

Our equipment is maintained by...
Our machines are packed and tooled by...
Our project recommendations are supported by...
Our new product design input is collected by...
Our gear is tested and proven by...

EXPERIENCED OFFSHORE TECHNICIANS

Let's work together
We are your strategic subsea cutting partner







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