

### DIAMOND WIRE SAW OVERVIEW

#### **MACTECHOFFSHORE.COM**





#### 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





**40+ TECHNICIANS** 

**500+ MACHINE TOOLS** 

### **MACTECH OFFSHORE PROVEN PROCESS**

### 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



PASSIONATE CUSTOMER COMMITMENT



**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

- 3 Models available
- Cutting range 4.5" to 24"
- Automatic feed available
- ROV Package on some models



## **DWS-16co-SS**

#### PART# 607-0019-SS

SPECIFICATIONS		
Cutting Capacity	Ø 4.5" - Ø 16"	
	Ø 114 - Ø 406mm	
	44" x 41" x 11"	
Operating Dimensions	1117 x 1041 x 279mm	
Operating Waight	(Dry) 210 lbs / (Wet) 150lbs	
Operating Weight	(Dry) 95kg / (Wet) 68kg	
HYDRAULIC REQUIREMENTS		
Drive	15 gpm @ 3000 psi	
Drive	57 lpm @ 207 bar	
Feed	.5 gpm @ 500 psi	
	2 lpm @ 30 bar	
Clamp	.5 gpm @ 1500 psi	
	2 lpm @ 103 bar	

Cutoff Saw
 Stainless Steel Fasteners & Fittings

All dimensions and hydraulic requirements are for reference and may be subject to change without notice. Machine performance is subject to application and operator capability; please discuss your requirements directly with a Mactech sales representative. All information given and all sales made by Mactech Inc. are subject to their terms and conditions.

### CUTOFF





### DWS-24co-SS

#### PART# 607-0095-SS

SPECIFICATIONS		
Cutting Capacity	Ø 10" - Ø 24"	
	Ø 254 - Ø 610mm	
	61" x 53" x 18"	
Operating Dimensions	1526 x 1445 x 408mm	
	(Dry) 345 lbs / (Wet) 220lbs	
Operating Weight	(Dry) 156kg / (Wet) 100kg	
HYDRAULIC REQUIREMENTS		
Drive	15 gpm @ 3000 psi	
Drive	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







# **DWS-24co ROV**

#### PART# 607-0328

SPECIFICATIONS		
Cutting Capacity	Ø 10" - Ø 24"	
	Ø 254 - Ø 610mm	
	76" x 68" x 25"	
Operating Dimensions	1923 x 1715 x 630mm	
Operating Weight	(Dry) 550 lbs / (Wet) 93 lbs	
Operating Weight	(Dry) 250 kg / (Wet) 42kg	
HYDRAULIC REQUIREMENTS		
Drive	15 gpm @ 3000 psi	
	57 lpm @ 207 bar	
Feed	.5 gpm @ 500 psi	
	2 lpm @ 34 bar	
Claren	.5 gpm @ 1500 psi	

#### Cutoff Saw

Clamp

 Stainless Steel Fasteners & Fittings
 ROV Handles, Hot Stabs, Compensator, and Buoyancy Package

2 lpm @ 103 bar







### **INLINE DIAMOND WIRE SAWS**

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

- 9 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"	
Operating Dimensions	2388 x 1626 x 1016mm	
	(Dry) 950 lbs / (Wet) 696lbs	
Operating Weight	(Dry) 431kg / (Wet) 315kg	
HYDRAULIC REQUIREMENTS		
Duite	15 gpm @ 3000 psi	
Drive	57 lpm @ 207 bar	
Feed	.5 gpm @ 650 psi	
	2 lpm @ 49 bar	
Clamp	.5 gpm @ 1500 psi	
	2 lpm @ 103 bar	

Inline Saw
 Stainless Steel Fasteners & Fittings
 Automatic Feed Operation

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# DWS-30i ROV

#### PART# 607-0443

SPECIFICATIONS		
Cutting Consolty	Ø 14" - Ø 30"	
Cutting Capacity	Ø 356 - Ø 762mm	
Operating Dimonsions	107" x 102" x 40"	
Operating Dimensions	2208 x 2588 x 1013mm	
Operating Waight	(Dry) 2405 lbs / (Wet) 223 lbs	
Operating Weight	(Dry) 1088 kg / (Wet) 101kg	
HYDRAULIC REQUIREMENTS		
Drive	15 gpm @ 3000 psi	
	57 lpm @ 207 bar	
Feed	.5 gpm @ 650 psi	
	2 lpm @ 49 bar	



 Stainless Steel Fasteners & Fittings
 ROV Handles, Hot Stabs, Compensator, and Buoyancy Package

.5 gpm @ 1500 psi

2 lpm @ 103 bar

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### DWS-48i-AF-SS

#### PART# 607-0209

SPECIFICATIONS		
Cutting Capacity	Ø 20" - Ø 48"	
	Ø 508 - Ø 1219mm	
Operating Dimensions	134" x 94" x 43"	
Operating Dimensions	3403 x 2387 x 1092mm	
	(Dry) 2150 lbs / (Wet) 1600lbs	
Operating Weight	(Dry) 975kg / (Wet) 726kg	
HYDRAULIC REQUIREMENTS		
Duite	15 gpm @ 3000 psi	
Drive	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-ROV-SS

#### PART# 607-0323

Clamp

SPECIFICATIONS		
Cutting Capacity	Ø 20" - Ø 48"	
	Ø 508 - Ø 1219mm	
	139" x 124" x 38"	
Operating Dimensions	3525 x 3150 x 968mm	
On enoting Misight	(Dry) 4500 lbs / (Wet) 20lbs	
Operating Weight	(Dry) 2041kg / (Wet) 9kg	
HYDRAULIC REQUIREMENTS		
Drive	15 gpm @ 3000 psi	
	57 lpm @ 207 bar	
Feed	.5 gpm @ 650 psi	
	2 lpm @ 49 bar	
	.5 gpm @ 1500 psi	



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

2 lpm @ 103 bar



## DWS-60i-AF-SS

#### PART# 607-0004

SPECIFICATIONS		
Cutting Capacity	Ø 26" - Ø 60"	
	Ø 660 - Ø 1524mm	
Operating Dimensions	182" x 98" x 55"	
Operating Dimensions	4622 x 2489 x 1397mm	
	(Dry) 2600 lbs / (Wet) 1785lbs	
Operating Weight	(Dry) 1180kg / (Wet) 810kg	
HYDRAULIC REQUIREMENTS		
Duite	15 gpm @ 3000 psi	
Drive	57 lpm @ 207 bar	
Food	.5 gpm @ 1000 psi	
Feed	2 lpm @ 69 bar	
Clamp	.5 gpm @ 1500 psi	
	2 lpm @ 103 bar	

Inline Saw
 Stainless Steel Fasteners & Fittings
 Automatic Feed Operation

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# DWS-84i-AF-SS

#### PART# 607-0161

SPECIFICATIONS		
Cutting Conscitu	Ø 36" - Ø 84"	
Cutting Capacity	Ø 914 - Ø 2134mm	
Operating Dimensions	237" x 144" x 79"	
Operating Dimensions	6031 x 3661 x 1998mm	
Operating Waight	(Dry) 4300 lbs / (Wet) 3000lbs	
Operating Weight	(Dry) 1950kg / (Wet) 1360kg	
HYDRAULIC REQUIREMENTS		
Drive	40 gpm @ 3000 psi	
	151 lpm @ 207 bar	
Feed	.5 gpm @ 1000 psi	
	2 lpm @ 69 bar	
Clamp	.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

#### PART# 607-0301

SPECIFICATIONS		
Cutting Capacity	Ø 48" - Ø 102"	
	Ø 1016 - Ø 2591mm	
	175" x 140" x 78"	
Operating Dimensions	4445 x 3556 x 1981mm	
Operating Waight	(Dry) 3100 lbs / (Wet) 2100lbs	
Operating Weight	(Dry) 1406kg / (Wet) 953kg	
HYDRAULIC REQUIREMENTS		
	40 gpm @ 3000 psi	
Drive	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

#### PART# 607-0329

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





# **DWS-120i-AF-SS**

#### PART# 607-0331

SPECIFICATIONS		
Cutting Capacity	Ø 84" - Ø 102"	
	Ø 2134 - Ø 2591mm	
	322" x 181" x 61"	
Operating Dimensions	8422 x 4598 x 1538mm	
Operating Waight	(Dry) 6850 lbs / (Wet) 4850lbs	
Operating Weight	(Dry) 3108kg / (Wet) 2200kg	
HYDRAULIC REQUIREMENTS		
Drive	40 gpm @ 3000 psi	
Drive	151 lpm @ 207 bar	
Feed	.5 gpm @ 1000 psi	
	2 lpm @ 69 bar	
Clamp	.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

Clamp

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
Claren	.5 gpm @ 1500 psi

Articulating Saw
 Stainless Steel Fasteners & Fittings
 Automatic Feed Operation

2 lpm @ 103 bar

### 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



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

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: info@mactechoffshore.com 1 (337) 839-2793

### 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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