

MDWS

Diamond Wire Saws

6 - 84" Diameter



KEY FEATURES

- Hydraulic Clamp and auto-feed
- Models available to cut 6" 84" OD Pipe
- Powerful Hydraulic Drive Wheel
- ROV and Diver Compatible
- Strong Aluminium Frame
- Available with optional flotation modules for deep water use

DESCRIPTION

The MDWS range of machines use abrasive cutting technology that is extremely effective in different subsea environments and is ideal for quick cutting through dissimilar materials and resisting compressive forces. The machines can also be used topside when coolant is applied, but are not considered a true cold-cutting method when used for surface operations.

APPLICATIONS

Designed for underwater cutting of items such as multistring casings, pipelines, piles, platform legs and wellheads. The wire cutter allows circular cutting on all sides, preventing the wire from getting pinched on materials that would otherwise damage lathe and mill type tooling

	MDWS620	MDWS1638	MDWS3660	MDWS6084
Cutting capacity	6-20"(152-508mm)	16-38" (406-965mm)	36-60"(914-1524mm)	60-84" (1422-2032mm)
Feed stroke	26" (660mm)	44" (1117mm)	66" (1676mm)	90" (2286mm)
Length	85" (2159mm)	102" (2590mm)	143" (3632mm)	180" (4572mm)
Width	60" (1524mm)	75" (1905mm)	105" (2667mm)	142" (3606mm)
Height	30" (762mm)	30" (762mm)	30" (762mm)	30" (762mm)
Weight in air	912 lb (413kg	1,250 lb (566kg)	1,885 lb (855kg)	2,285 lb (1036kg)
eight in salt water	520 lb (235kg)	595 lb (269kg)	1,243 lb (536kg)	1,645 lb (746kg)



lb

1.431 lb

1,550 lb

1,896 lb

2.161 lb

121cm (48")



INCLUDED AS STANDARD WITH MACHINE

Each machine is supplied complete with the following items;

- ✓ Diamond wire rope
- ✓ Toolkit
- ✓ Storage / shipping crate
- ✓ CE certificate
- ✓ Packing list and manual

OFT	חוו	ALID	ODED	ATION
7FT	HP.	ΙΙΝΔ	HPFK	ATINN

The operator must be:

- Trained and conversant with the product
- Able to identify the correct and incorrect use of static or portable machines.
- Comply with all local and internationally recognised regulations regarding safe use of powered machines.

SHIPPING DIMENSIONS					
	Length	Width	Height		
MDWS620	243cm (97")	178cm (71")	106cm (42")		
MDWS1638	247cm (97")	228cm (90")	107cm (42")		
MDWS3660 Box 1	407cm (160")	197cm (78")	121cm (48")		

kg

649kg

784kg

860kg

980kg

Details on request

197cm (78")

SHIPPING WEIGHTS

MDWS620

MDWS1638

MDWS6084

MDWS3660

Box 2 MDWS6084

MDWS3660 box 1

MDWS3660 box 2

Weights and dimensions are approximate and provided for guidance only.

Details on request

407cm (160")

OPTIONAL ITEMS YOU MAY ALSO NEED

- Hydraulic power unit
- Hydraulic control panel
- · Six pass hydraulic hose reels
- ROV compatible hot stab system (available for purchase or hire)
- Deployment basket (made to order)
- Consumables, such as extra diamond wire ropes
- Flotation

The Mirage MDWS range of diamond wire saws are available in deep water configurations. Each are equipped with two modular buoyancy modules and are rated up to 10,000ft (3,000m) water depth.



Above: The Mirage Deepwater Diamond Wire Saw