



BLAKEMERE
Subsea Mining Energy

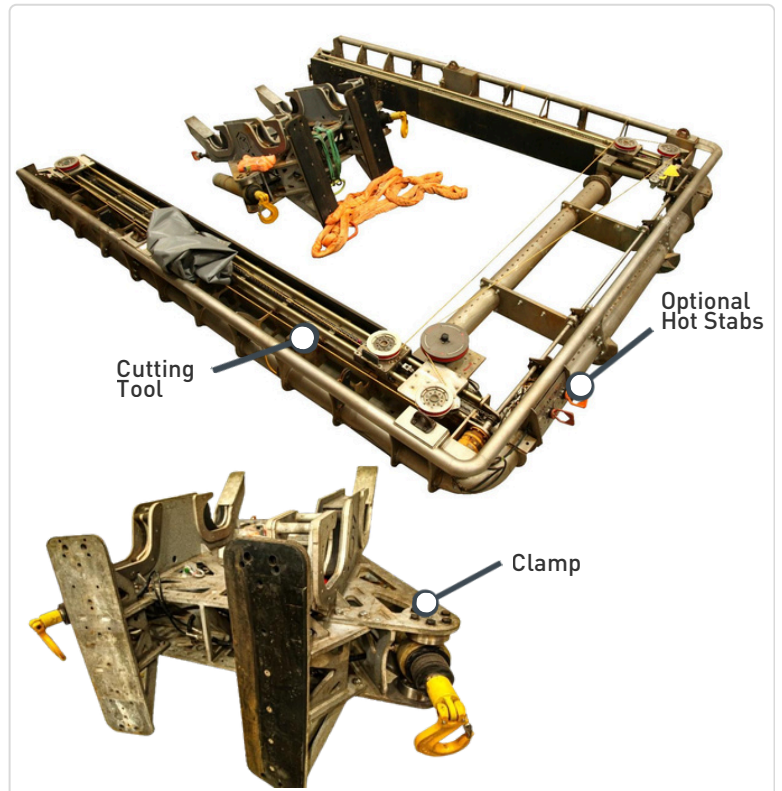
DWS80 to DWS155

Diamond Wire Saw 80" to 155"

The Blakemere DWS80 / DWS155 is designed to cut a wide range of subsea and topside structures including monopiles, platform jacket legs, and wellheads including gravity bases.

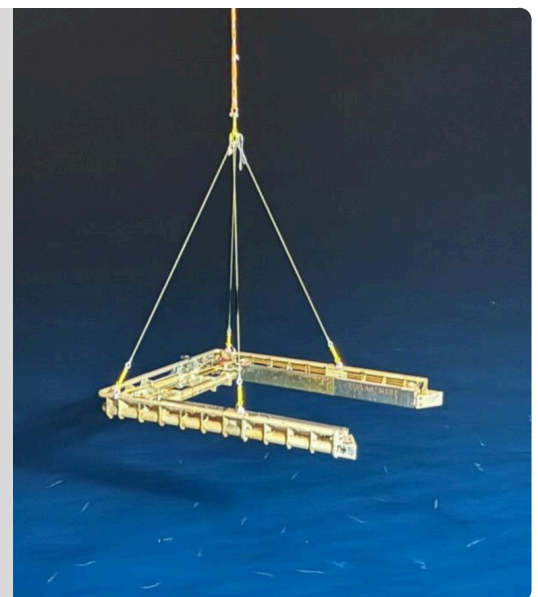
With its modular design, the diamond wire saw can be configurable from 80" (DWS 80) – 155" (DWS 155) via a removable centre section and leg extensions.

In conjunction, the saw operates from common auxiliary hydraulic pressures and flows from most WROVs and can be powered from a topside HPU via downline.



Features & Benefits

- Modular design allows configuration from 80" to 155" cut.
- Smart control system optimises cut speed and provides repeatable performance.
- One-piece design without a moving head, reduces size, weight and changes to CoG during operation.
- Disassembles into modules suitable for transport in standard shipping containers.
- Integrated buoyancy chambers to reduce the requirement of external buoyancy.
- Made from corrosion resistant materials and is compatible with most mineral, synthetic and environmentally friendly oils.





DWS80 to DWS155

Technical Specifications for DWS 80

Weights & Dimensions	
Equipment Weight Dry (approx.)	2,600 kg
Clamp Weight Dry (approx.)	2,150 kg
Equipment Dimensions L x W x H	4,856 x 4,061 x 793 mm
Clamp Dimensions L x W x H	1,559 x 850 x 462 mm

Cutting & Clamping Range	
Maximum cut	80" (2032 mm)

Technical Specifications for DWS 155

Weights & Dimensions	
Equipment Weight Dry (approx.)	3,750 kg
Clamp Weight Dry (approx.)	2,150 kg
Equipment Dimensions L x W x H	7,178 x 5,761 x 785 mm
Clamp Dimensions L x W x H	1,559 x 850 x 462 mm

Cutting & Clamping Range	
Maximum cut	155" (3937 mm)



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DWS80 to DWS155

Specifications for both the [DWS 80](#) and [DWS 155](#)

Hydraulic Specifications

Motor	207 bar (3,000 psi)
Optimal Flow Rate	45 - 65 lpm
Clamp (max.)	207 bar (3,000 psi) @ 20-30 LPM
Feed (max.)	207 bar (3,000 psi) @ ~20 LPM
ISO	22 - 46 hydraulic oil (supplied with ISO 46 mineral oil)

GA Drawing

Dimensions are displayed below. Further details can be provided upon request.

