4-26" Diamond Wire Saw

The Subsea Diamond Wire Saw (DWS) is designed to be mechanically robust and simple to integrate and use. It clamps onto the pipe and cuts by operating the feed function on the wire. The saw can be operated by ROV with its internal HPU in combination with hot stabs and Valve stabs, or Divers with the help of deck hose reel and HPU

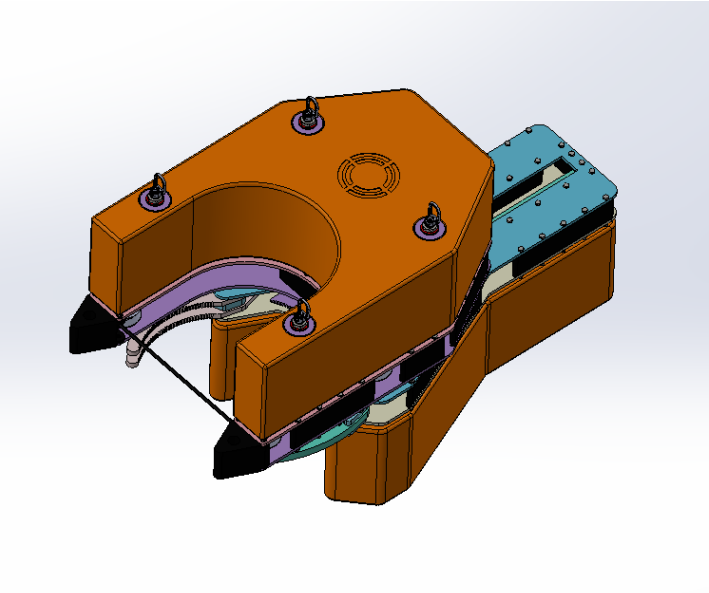


Figure 1: 4-26" Diamond Wire Saw (DWS)

Features:

- Cutting capacity up to 660mm
- Lightweight in water for easy handling subsea
- Robust
- Easy integration

DWS Specifications:

- Tubular Dimensions: 4" – 26" / 114.3 - 660.4mm
- Weight with Buoyancy (in Air): 458kg
- Weight with Buoyancy (in Water): 37kg
- Dimensions: 1280 x 768 x 645mm

Hydraulic Requirements:

- Hydraulic Supply (Saw): 60 Lpm @ 175 bar (Maximum)
- Hydraulic Supply (Claw): 207 bar (Maximum)

Hydraulic Connections for ROV Supply:

- 6 port hot stab – can be supplied upon request

Hydraulic Connections for Surface Supply:

- 2 x 8 JIC for the Motor Supply
- 2 x 4 JIC for the Cutting Feed Supply
- 2 x 4 JIC for the Jaws