

# CUTTING TOOLS

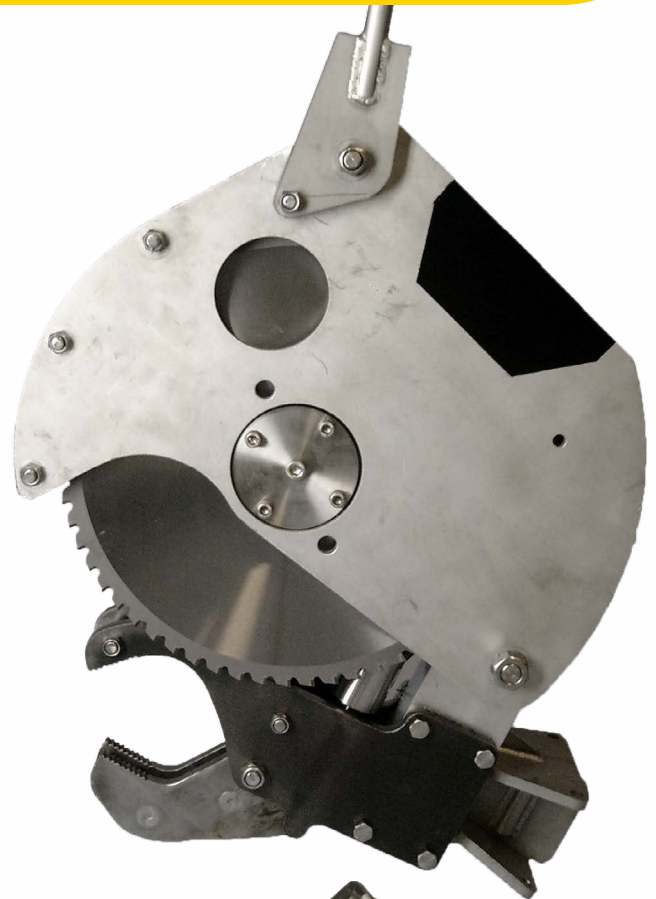
## Chain Cutter

### SPECIFICATION:

- **Weight (dry):** 25 kg
- **Operating pressure:** 180 – 210 BAR
- **Max flow req.:** 30 l/min

### ROV REQUIREMENTS:

- Manipulator for placing the cutter on the chain (Shilling TIII, Slingsby TA9 or equivalent)
- Small dredging unit ( Zip pump or equivalent ) to make access for the cutter will be needed if the Chain is partly buried in the seabed
- Bracket or hook , for hanging off/parking the cutter on the ROV when not in use.
- 3 hydraulic functions as specified below
  - 2 x JIC-08 for the Cutting Motor.  
Flow required: 20-30 L/min @ 140-210 Bar
  - 2 x JIC-04 for the Clamping Cylinder. 2 L/min @ 180-210 Bar
  - 2 x JIC-04 for the Feeding Cylinder. 2 L/min @ 180-210 Bar



## Flange Bolt Cutter

Flange Bolt Cutters delivered for the following projects:

- YME - 9"API - 1000 psi Flange
- Oseberg A - 16"ANSI Flange

FBC on 9" API Flange. Bolt size - M39.  
Cutting time per bolt - 20 sec.



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