

## DCH 1 MK2

### Downhole Cutting Head

DCH 1 MK2 is a Downhole Cutting Head (DCH) used for pipes during well abandonment (P&A) in the oil and gas industry and interal cutting of multi-string casings.

For use at depths > 150 m (492 ft), the DCH 1 MK2 can be upgraded with a CAir system (Packer) to further improve cutting efficiency for great water depths.



#### GENERAL INFORMATION

Application area*	Piles and multi-string casings up to 508 mm (20") max. solid wall thickness
Outer diameter of inner pipe	7"
Minimum inner pipe diameter	147 mm (5.8")
Standard nozzle holders for casing	7"
Working diameter of the nozzle	103 mm (4.1")
Drive	Hydraulic
Rotation speed	39.5 - 395 °/h
Material	Structural and body parts made of stainless steel
Weight	approx. 100 kg (220 lbs)
Overall length	approx. 3,550 mm (140")
Underwater working depth*	< 150 m (492 ft)
Hydraulic functions	Stepless clamping, endless rotation of the cutting head unit



**More information**



2006/42/EC, 2014/30/  
EU, 2014/34/EU



II 3G IIB T3

Info: NO DNV 2.7-1

\*Notice  
Performance and verification can just be achieved when casing(s) (single + multistring) are set-up in accordance to API-standards, grouted and/or connected to each other. Use the casing cut calculator to plan the rotational speed of the cutting tool during operation. Nothing contained in the casing cut calculator (CCC) constitutes advice. Access is granted for guidance purposes only and only for qualified process engineers. Users must use their own professional judgement, knowledge and expertise when deciding whether it is appropriate to apply them to any particular scenario. The CCC is a guide only and may not be appropriate for use in all situations or settings. It also does not guarantee any specific outcome, result or benefit. ANT gives no warranties for the accuracy, currency, reliability or completeness of the calculator.