



2026-10



EFFICIENT DECOMMISSIONING MADE SIMPLE

**WATER-ABRASIVE-SUSPENSION TECHNOLOGY
FOR THE ENERGY INDUSTRY**



www.ant-ag.com/en



At a glance.

About Us.	page 3
Why ANT?	page 4
Our Mission.	page 5
The power of water.	page 6
Cut verification.	page 7
Certified safety.	page 7
Modular setup.	page 8
Multi-vessel deployment made easy.	page 9
Proven Offshore Performance.	page 10
Always by your side.	page 11

About Us.

INTRODUCTION

For more than 25 years, ANT Applied New Technologies AG has been a global leader in cold Water Abrasive Suspension (WAS) cutting. From energy and process industries to oil & gas decommissioning and renewables, ANT provides proven engineering "Made in Germany." Our headquarters in Lübeck and subsidiary in the United Kingdom ensure global project execution and service readiness.

- 25 years of field experience
- 1.500 offshore cuts completed
- >100 international patents and systems in operation
- ISO 9001 / 14001 certified | ATEX Zone 2 compliant

OUR VISION: WATERJET CUTTING FOR OUR FUTURE.



Why ANT?

ANT's **WAS cutting technology** delivers precision, efficiency, and safety. Our cold cutting process ensures **top-quality results** with no heat-affected zones and no need for rework. Designed for high performance, it combines **fast cutting speeds, low abrasive consumption, and high energy density**.

With single-hose deployment and lightweight, modular systems, setup is quick and the operational footprint minimal – perfectly suited for offline and **rigless cutting** campaigns where access and deck space are limited.

All systems are **ATEX certified** and **safe** even in explosive environments. ANT's solutions **cut all materials** – including steel up to 1,000 mm, both in air and subsea.



**MODULAR. LIGHTWEIGHT. SUSTAINABLE. SMALL FOOTPRINT.
MONEY SAVING. TIME EFFICIENT. AFTER SALES SUPPORT.**

Our Mission.

ANT provides modular, safe, and CO²-friendly cutting technology across all Phase 3 work scopes – wells, jackets, topsides, piles, and renewables. Proven worldwide for efficient decommissioning.

WELL ABANDONMENT

Safe plug & abandonment requires efficient severance of multi-string casings. Our DCH 1 & DCH 2 tools deliver proven precision cutting in wells down to 220 m depth.

JACKET & SUB-STRUCTURE REMOVAL

Complex pile and brace structures demand powerful tools. Our DCH 3 & DCH 4 cut jackets and substructures up to 118" OD and 102 mm wall thickness.

DISMANTLING & RECYCLING

Enable efficient, hands-free operations with integrated remote cutting and recycling solutions – one system, multiple applications.

TOPSIDE REMOVAL

Production facilities and modules must be cut and dismantled safely, under tight schedules and regulations.

PILE & MONOPILE CUTTING

From oil & gas to offshore wind, our PCH MK2 provides precise cutting of piles and monopiles, OD 16"–42", subsea or on deck.

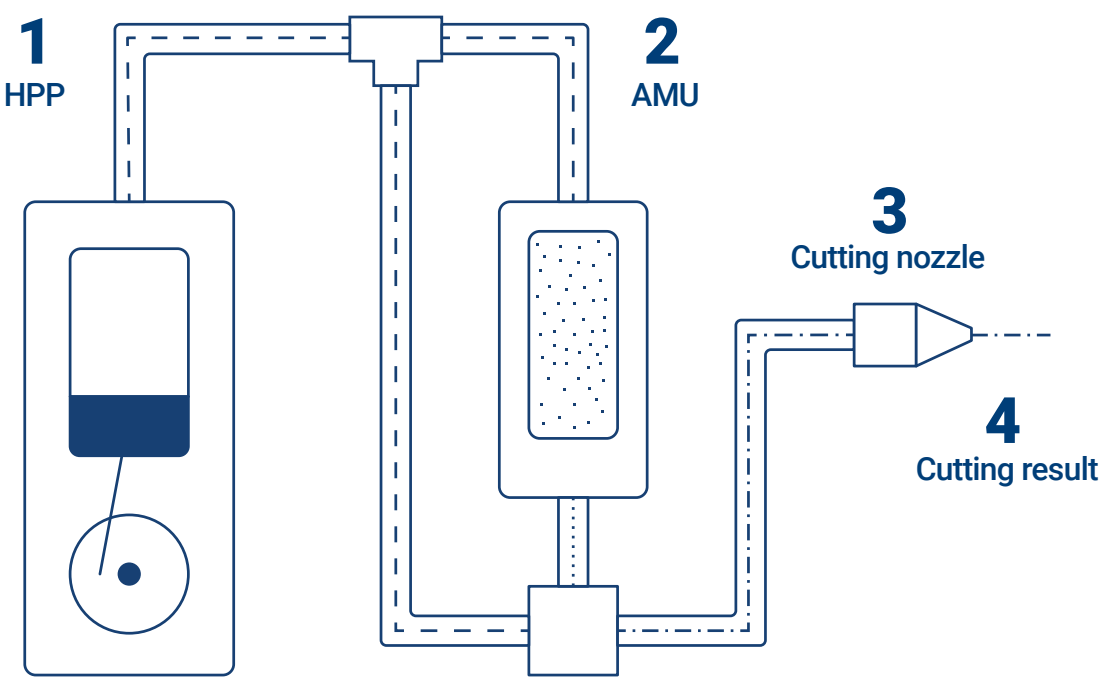
RENEWABLES TRANSITION

Our technology supports the growing offshore wind decommissioning market – including historic monopile cuts >10 m diameter.



The power of water.

SMART. SAFE. SUSTAINABLE.



- 1** High Pressure Pump:
Water pressurized to 2,500 bar
- 2** Abrasive Mixing Unit :
Abrasive added inside AMU
- 3** Manipulators / Cutting Heads:
Suspension accelerated through nozzle with supersonic speed
- 4** Cutting Result:
Cold, precise cut – no heat, no deformation



Cut verification.

360° Real-time cut verification, even on challenging wells and uncemented casings.

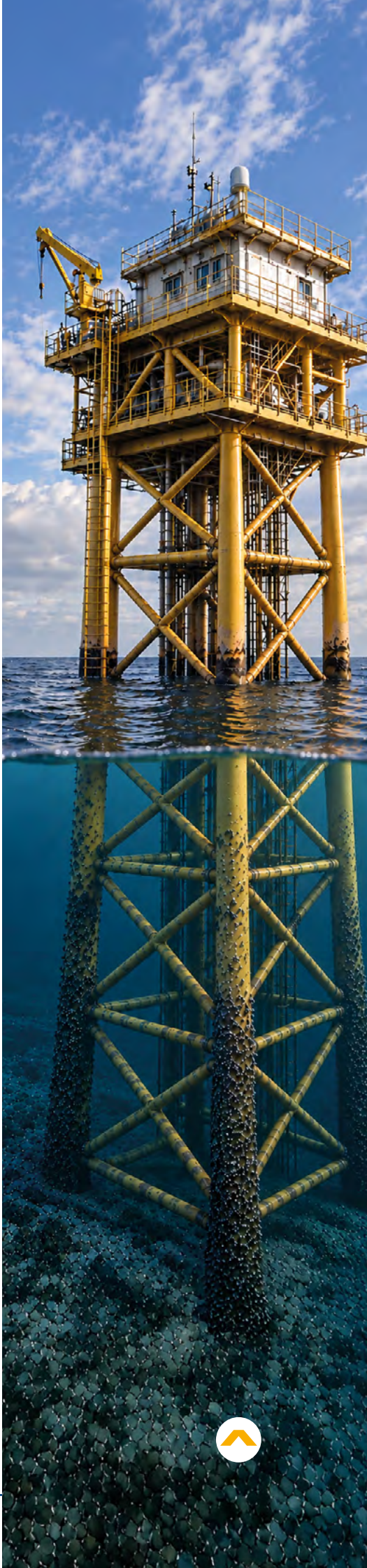
ANT's advanced 3S system provides real-time monitoring of every cut, supported by a traffic-light interface for instant visual feedback. All cutting data is fully logged, ensuring traceability and documentation.

For complex well operations, external sensors can be integrated to enhance verification.



Certified safety.

ANT products are compliant with international standards.



Modular setup.



ABRASIVE MIXING UNIT (AMU)

AMU Twin 2500-100 MK2
Most powerful, 2,400 bar / 118 kW /
up to 70 min cutting time per filling.



SWITCH BOX

allows for semi continuous cutting and
safe filling of offline AMU.

COVERS DIMENSION FROM 7" UP TO 118"



CUTTING HEADS & MANIPULATORS

DCH 1 & DCH2	Well Abandonment (7"–20" / OD 147–471 mm / WT up to ~20 mm) Clamping capability (cutting up to 42")
PCH MK2	Piles & Renewables (16"–42" / OD 373–925 mm / WT up to 102 mm)
DCH 3 MK4	Jackets & Topsides (30"–72" / OD 711–1,784 mm / WT up to 102 mm)
DCH 4	(70"–118" / OD 1,575–2,830 mm / WT up to 102 mm)
Chain Manipulator	XXL Jackets & Piles (OD >10m)

Multi-vessel deployment made easy.

COMPACT. MODULAR. READY TO GO.

ANT's WAS cutting systems feature a minimal footprint and modular design, enabling fast mobilization for any campaign. Whether for wells, jackets, or XXL monopiles, the setup adapts seamlessly to offshore or onshore environments – saving time, deck space, and cost.



BARGE. FIXED PLATFORM. JACK-UP. SEMI-SUB. VESSEL.



Proven Offshore Performance.

TRUSTED WORLDWIDE.

Our systems have been successfully deployed from the Gulf of Mexico to the North Sea, the South China Sea, and throughout Europe and Asia-Pacific – cutting wells, jackets, and piles in some of the world’s toughest environments.

- Over 500 cuts (varied configuration between 7-36”) – verified down to 224m subsea depth.
- Over 1,000 pile & jacket cuts (16–118”) – verified down to 286 m water depth.
- World’s first verified XXL monopile cuts (>10 m OD) – setting new standards in offshore wind.

OVER 1,500 SUCCESSFUL CUTS WORLDWIDE.



- Offshore job in the GoM
- Water depth 60’ / 20m
- Eccentric Casing setup
- partly cemented
- Average cutting speed 30°/h
- Cutting time 12h

CASING	SIZE IN "
1	7 5/8
2	10 3/4
3	16
4	36



- Mock-up test
- Water depth 15’ / 4m
- Centric Casing setup
- cemented
- Average cutting speed 100°/h
- Cutting time 3,5h

CASING	SIZE IN "
1	13 3/8
2	20
3	26
4	30



- Subsea Well North Sea
- Water depth 325’ / 100m
- Centric Casing setup
- uncemented
- Average cutting speed 60°/h
- Cutting time 6h

CASING	SIZE IN "
1	13 3/8
2	20
3	35

Always by your side.

YOUR GROWTH IS OUR SUCCESS.



Our experts stand by your side – with the right services, smart solutions, and reliable support to keep your operations efficient and ready at all times.



COST CONTROL & HIGHER PROFITABILITY



RELIABLE CAMPAIGN EXECUTION & REPUTATION

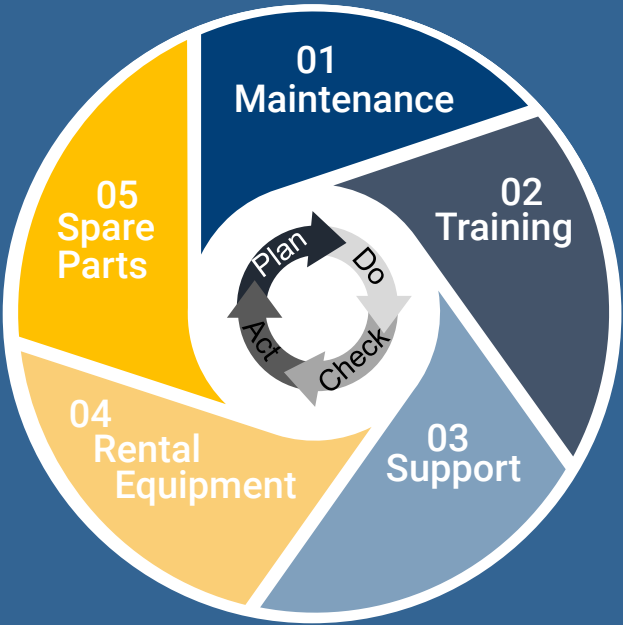


CERTIFIED SAFETY & COMPLIANCE



MINIMIZED DOWNTIME & LONGER LIFESPAN

CHOOSE THE MODULES THAT FIT BEST YOUR NEEDS:



REAL VALUE FOR YOUR MISSION:

- 01 Maintenance Confidence**
Operational readiness and certification are ensured.
- 02 Certified Training**
Step-by-step knowledge transfer for system operation and safety.
- 03 Reach-Out Support**
Expert-level assistance available when required.
- 04 Spare Parts & Rental**
Quick access to spares and leasing options for maximum uptime.
- 05 Cut Consulting**
Custom-tailored, safety-driven cutting strategies for any application.

LET'S SECURE YOUR PRODUCTIVITY.





www.ant-ag.com/en/offshore

ANT Applied New Technologies AG

ANT
Applied New Technologies AG
Hinter den Kirschkatzen 32
23560 Lübeck, Germany



+49 (0)451 5 83 80-0



decom@ant-ag.com



www.ant-ag.com

