

CONVEYANCE & RISK MITIGATION

Addressable Release Tool (ART)

Eliminates risk of cable damage and fishing operations

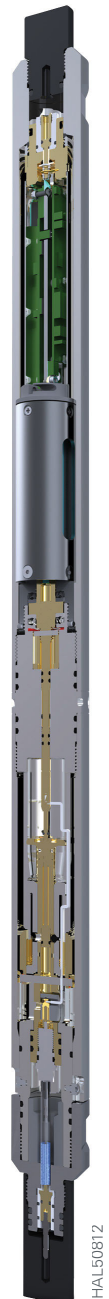
PRODUCT APPLICATIONS

- Running tools in deviated or horizontal wells where high tensions are probable, and it may not be possible to break the mechanical weak point
- For use in wells where there is a risk that the tool string could get stuck
- Below a tractor to give the best chance possible of retrieving the tractor should the passenger tool string become stuck

Overview

The Addressable Release Tool (ART) is designed for use in wells where the controllable release of all, or part of, a stuck tool string may be required and/or higher pulling weights would be desirable. Deployment of an ART can eliminate the risk of cable damage or breakage due to excess overpull, and significantly reduces the risk of a fishing operation.

The ART can withstand the high power requirements for downhole tractors and is able to carry a maximum safe load of over three tons, enabling it to be run both above and below most devices. If deployed with ballistic devices, a shock absorber (SAT) is strongly recommended. Three fail-safe mechanisms are incorporated in the device to ensure safe and reliable operation. Up to seven ARTs can be run in a single tool string. Once released, a clean fishing neck, free of debris and cable, remains so that fishing operations can be more efficient.



HAL50812

Specifications

	ART2-C	ART2-H
Part Number	116-99028	116-99029
OD	1 ¹¹ / ₁₆ in. (43 mm)	2 ¹ / ₈ in. (54 mm)
Length	19.6 in. (498 mm)	27.8 in. (706 mm)
Temperature	350°F (177°C)	350°F (177°C)
Weight in Air	9.3 lb (4.3 kg)	19 lb (8.6 kg)
Head type	GO-A	GO-A
SWL	4,400 lb (2,000 kg)	6,700 lb (3030 kg)
Fishing Head Size	1 in. Otis	1 ³ / ₈ in. Otis
Fishing Strength (Released)	19,000 (8,600)	30,000 (13,600)
Max Through Current	5A	12A

COMMON SPECIFICATION

Max Voltage	1000vac/dc	Release Control	MPP-C
Operating Voltage (Nom.)	-82vdc	Operating Current (Nom.)	150mA
Pressure (psi)	15000	Tools are upgradeable to	18,000 psi

Developed in part through cooperation with Guardian

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