



Pipeline Retrieval Tool (PRT)

The laying of subsea pipelines involves the placement of large diameter tubulars in an environment where extreme forces or motions may result in buckling and flooding of the pipe. In this event, the damaged pipe section must be removed and a repair process implemented. The replacement pipe may be tied-in using hyperbaric welding facilities, or the pipeline end may be recovered to the pipe lay vessel for surface repairs.

A Pipeline Retrieval Tool provides the connection between the pipeline and the recovery cable required to handle or manoeuvre the pipeline end. The Retrieval Tool engages in the pipeline bore to provide a secure but controllable facility for the connection of the retrieval cable.

Taper lock grips operate on a wedge principle, improving the connection efficiency as the load increases. Once set, this fail-safe mode of operation enables the mechanical connection with the pipeline to remain secure independent of the tool hydraulic activation system. A seal and vent system within the retrieval tool provides de-watering functionality, this enables the pipeline to be de-watered prior to pipelay vessel recovery operations.

STATS comprehensive Pipeline Retrieval Tool range boasts an extensive track record with tools ranging from 6" to 48" diameter.



42" Pipeline Retrieval Tool in Operation



Pipeline Retrieval Tool Recovers Damaged Pipeline to the Surface