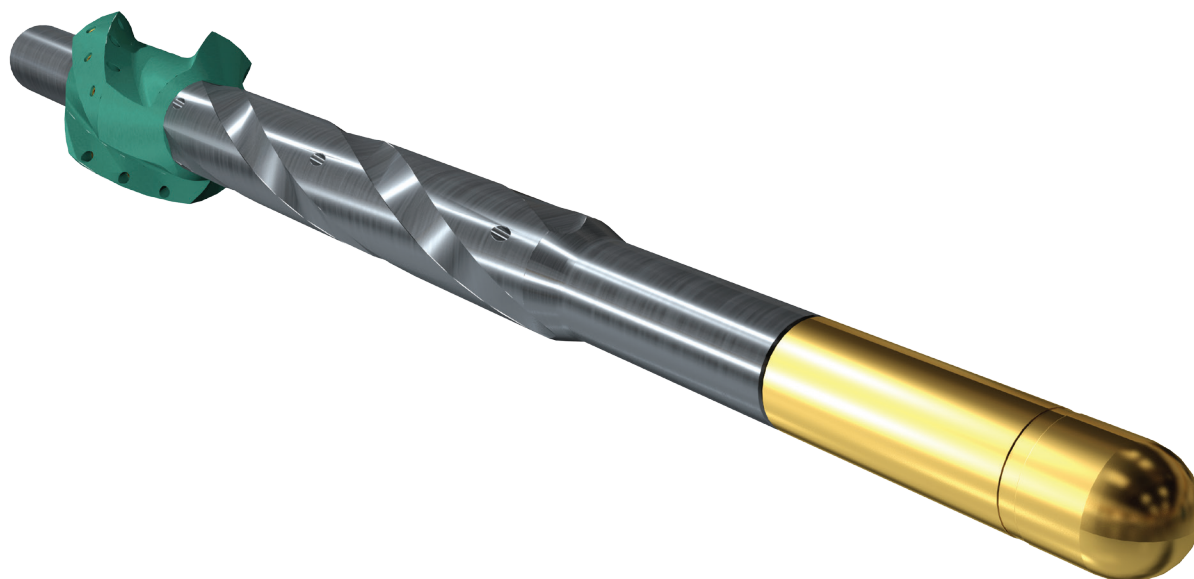


OWS Wellbore clean-up technology

RizeRdillo™ Advanced Jetting Tool



The **RizeRdillo™ Advanced Jetting Tool** combines jetting action with flow-rate boost effect to maximize riser cleaning efficiency

FEATURES

- Jetting Sleeve with offset Jetting Nozzles arranged to jet the riser wall and also to penetrate into the BOP cavities to jet and clean
- Upward angled Jetting Nozzles arranged on the body help to reintroduce jetted debris into the flow path and be carried upwards to surface
- Optional integral pup joint for fast handling
- Optional lower bull nose or pin down connection to suit various applications



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BENEFITS

Cost Savings

- Maximizing riser cleaning efficiency to reduce operating time and costs on expensive semi-submersibles
- No field maintenance required

Integrity

- Available with high torque connections reducing the need for reduced strength crossovers
- Single piece mandrel with no internal connections for increased strength

Reducing Non-Productive Time

- Reduces premature failure of completion equipment by debris which can interfere or damage valves, electronics and other hardware

APPLICATIONS

- Deep water pre-completion wellbore clean-ups from semi-submersible drilling units
- Riser cleaning during displacement to sea water before disconnection or moving from location

OPERATIONAL

- The RizeRdillo™ Advanced Jetting Tool is typically run in conjunction with the RizeRdillo™ Riser Cleaning Tool and XTractR™ BOP Junk Catcher or as a standalone tool
- While jetting in the hole, the Jetting Sleeve washes the riser wall. The staggered jetting nozzles allows full coverage without the need to rotate.
- Best practice recommends to function the rams and annular to help dislodge debris before jetting the BOP stack at 10 BPM while rotating slowly, making 3 passes
- It is also recommended to reduce jetting to 5 BPM while passing the annular
- The upward angled Jetting Nozzles assist in carrying debris to surface through inducement of turbulent flow
- The RizeRdillo™ Advanced Jetting Tool can also be run with a wear bushing retrieval tool below

The OWS **RizeRdillo™** is not currently available for rental and operation in all countries. Please contact Odfjell Well Services to enquire about rental and operation of this tool in a specific country to ensure that your request can be accommodated.

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