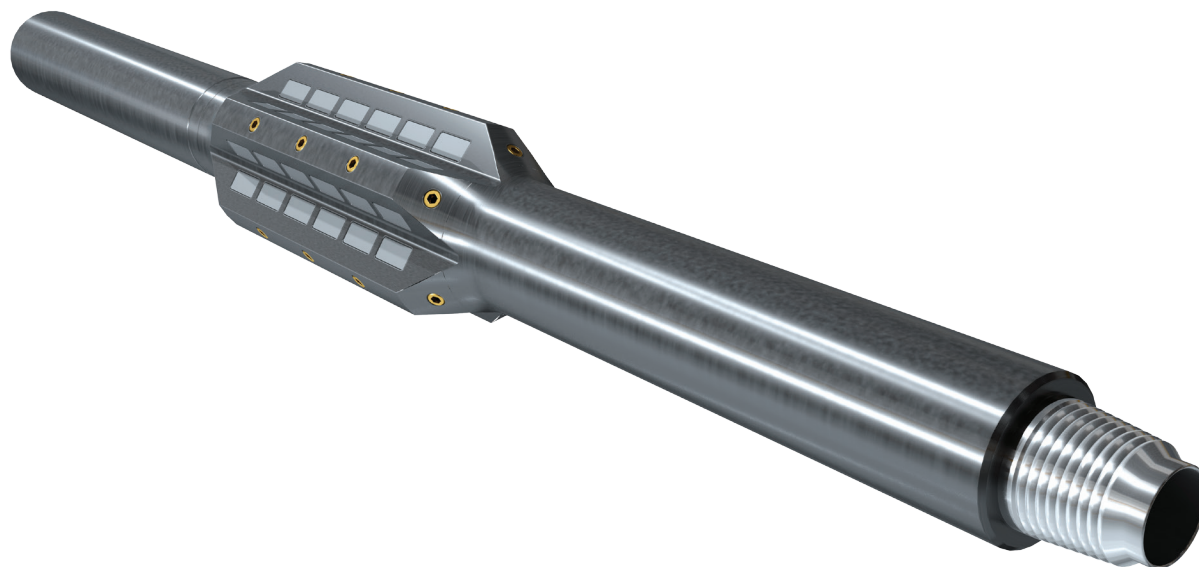


OWS Wellbore clean-up technology

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# MAGStar™ Jetting Tool



The **MAGStar™ Jetting Tool** is a BOP jetting tool with the combined functionality of a downhole magnet. The MAGStar™ Jetting Tool is designed to jet the BOP cavities to dislodge and capture ferrous metal debris during wellbore clean-up operations of the BOP

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## FEATURES

- Available in multiple sizes to suit onshore, platform or sub-sea BOP stacks
- Multiple angled jets for penetration into internal BOP profiles
- Jets can be configured to select direction and total flow areas



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## BENEFITS

### Cost savings

- Combines magnets and jetting tools into one tool, reducing operating costs

### 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

- BOP cavities are known to collect debris and junk and jetting before installing the completion can prevent premature failures
- Capturing debris in the Riser and BOP Stack prevents it from falling down hole and the potential damage to completions

## APPLICATIONS

- Deep Subsea wellbore clean-up operations to collect debris in the riser and BOP
- During or after milling operations to remove swarf which can damage the BOP rams and annular preventor
- Pre-completion wellbore clean-ups for enhanced BOP jetting

## OPERATIONAL

- The MAGStar™ Jetting Tool is typically deployed immediately above the XTractR™ BOP Junk Catcher during BOP jetting to capture dislodged debris
- 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 MAGStar™ Jetting Tool can also be used to jet behind the wear bushing after it has been removed

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