

D2 Oil Tools BIGMINI™ Jetting Scraper

Tool Description / Applications / Features and Benefits

Tool Description

D2 Oil Tools BIGMINI™ Jetting Scraper system is made up directly to the lower end of any downhole tool that requires a clean casing wall to perform effectively. This is particularly beneficial to any host packer and retainers that have rubber pressure seals that contact the casing wall to allow differential pressures during well operations.

The BIGMINI™ tool is used to prepare the seal seating areas by reciprocation over the target depth prior to setting packers, bridge plugs and retainers.

Running the BIGMINI™ in hole causes the well fluid to pressure up below the tool as it travels down into the wellbore. This pressure is directed up through the middle section of the tool body and out through the blades and jets as powerful streams that impact directly onto the casing wall.

Applications

- Well Abandonment
- Permanent Completions
- Single Trip Systems
- Squeeze Operations
- Coil Tubing
- Displacement Runs

Features and Benefits

- Fully 100% drillable and disposable
- Cost effective to save rig time
- Dual role scraper and jetting blades
- Jetting Action eliminates need for brushes
- No premature sets on mechanical setting equipment
- API threaded swivel connection to suit clients host tools
- Directional up flush fluid ports
- Fluid ports on bottom for added jetting action



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D2 Oil Tools Floating Drift

Tool Description / Applications / Features and Benefits

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The Floating Drift verifies the ID after make-up of each joint or stand and catches any debris in the pipe. This eliminates costly trips out of the hole to replace damaged tubulars or to remove debris. The Floating Drift is the best insurance policy you can purchase to PREVENT potential problems during the end of your completion.

Applications

The Floating Drift can be run in pipe sizes from 2-3/8" UP. The body of the tool stays the same no matter what size gauge ring is being run in the well. Tool can be run in any weight of completion fluid or mud 8.5 ppg and higher.

- *Displacement Tool Run
- *Casing Run
- *Landing String Run (Subsea)
- *Bridge Plug Run
- *Drill Run
- *Production Packer Run
- *Frac Tool Run
- *Isolation Packer Run
- *PBL Circulating Tool
- *TCP Run
- *Clean Out Run
- *Liner Hanger Run

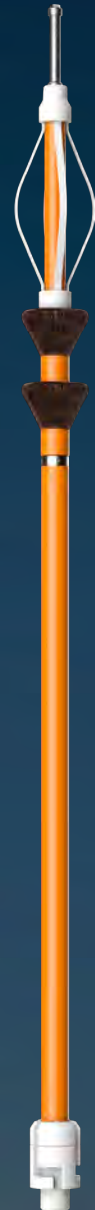
*Production Tubing Run

Features and Benefits

*You ELIMINATE making a Slickline Gauge Ring Run after the tubing is on the bottom. And running Slickline is always risky, no matter how benign of a run.

*Running the Floating Drift when running production tubing will prevent any over-torqued tubing from being run downhole, as the Floating Drift catches any over-torques at the surface.

*Any run that you normally drift pipe out of the derrick is made safer, more efficient, and less time-consuming, which saves costs.



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***BIGMINI is your essential safeguard for ensuring a crystal-clear and scale-free casing in the setting area.**

***Running the BIGMINI below your assemblies proactively combats downhole failures and eliminates the expensive downtime linked to assembly replacements.**

***Trust BIGMINI for unparalleled reliability and performance that drives your success forward. Make the smart choice and protect your operations with BIGMINI today!**

***The BIGMINI Saves Time and Money**

***Dual Role Bi-Directional Scraper and Jetting Blades**

***Directional Up Flush Fluid Ports**

***One Trip System Reduces Rig Time and Costs**



**Download BIGMINI
Specifications Sheet**

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Utilizing The BIGMINI Jetting Drillable Scraper Beneath the Retainer or Bridge Plug Streamlines Operations



Qualifying the success of a Plug and Abandon (P&A) program is crucial as a well nears the end of its lifecycle. Every detail counts, especially during wall scraping for bridge plugs and retainers. This meticulous process is essential for achieving a secure installation to preserve the well's integrity long after production ends.

Using the BIGMINI Jetting Drillable Scraper beneath the retainer or bridge plug allows for a one-trip-in-the-hole operation, streamlining casing cleanup and packer setting. This innovation saves time and costs while enhancing the reliability of your P&A program, making careful practices vital for a successful well closure.

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The BIGMINI™ Patented Jetting Scraper

The BIGMINI™ Jetting Scraper system is made up directly to the lower end of any downhole tool that requires a clean casing wall to perform effectively. This is particularly beneficial to any host packers and retainers that have rubber pressure seals that contact the casing wall to allow differential pressures during well operations.



CASING /Tubular SIZE (Inches)	O/D (Max) (Inches) mm	O/D (Min) (Inches) mm	ENTRY POINT (Dia E) (Inches) mm	Top Thread	LENGTH (L) (Inches) mm	Total Flow Area Sq Inches
2 3/8"	(2.046) 51.97	(1.789) 45.44	(1.789) 45.44	As Per CT Specifications	(7.60) 194	1.305
2 7/8"	(2.494) 63.35	(2.173) 55.19	(2.173) 55.19	As Per CT Specifications	(7.60) 194	1.305
3 1/2"	(3.047) 77.39	(2.654) 67.41	(2.654) 67.41	As Per CT Specifications	(8.31) 211	3.064
4"	(3.60) 91.44	(3.255) 82.68	(3.255) 82.68	As Per CT Specifications	(8.31) 211	5.234
4 1/2"	(4.09) 103.89	(3.826) 97.18	(3.826) 97.18	2 3/8" -8 EUE Pin	(14.21) 361	8.135
5"	(4.56) 115.82	(4.126) 104.80	(4.126) 104.80	2 3/8" -8 EUE Pin	(14.21) 361	8.487
5 1/2"	(5.044) 128.12	(4.548) 115.52	(4.548) 115.52	2 3/8" -8 EUE Pin	(14.21) 361	8.487
6 5/8"	(6.01) 155.83	(5.791) 147.09	(5.791) 147.09	2 3/8" -8 EUE Pin	(14.21) 361	15.609
7"	(6.538) 166.07	(5.920) 150.37	(5.920) 150.37	2 3/8" -8 EUE Pin	(14.21) 361	17.811
7 5/8"	(7.125) 180.98	(6.625) 168.28	(6.625) 168.28	2 3/8" -8 EUE Pin	(14.21) 361	22.195
7 3/4"	(6.786) 172.36	(6.435) 163.45	(6.435) 163.45	2 3/8" -8 EUE Pin	(14.21) 361	22.195
8 5/8"	(8.017) 203.63	(7.511) 190.78	(7.511) 190.78	2 3/8" -8 EUE Pin	(14.21) 361	27.253
9 5/8"	(8.921) 226.59	(8.535) 216.79	(8.535) 216.79	2 3/8" -8 EUE Pin	(14.21) 361	39.111
10 3/4"	(10.192) 258.88	(9.66) 245.36	(9.66) 245.36	2 3/8" -8 EUE Pin	(14.21) 361	52.048
13 3/8"	(12.715) 322.96	(12.175) 309.25	(12.175) 309.25	2 3/8" -8 EUE Pin	(14.21) 361	96.279
16"	(15.25) 387.35	(14.69) 373.08	(14.69) 373.08	2 3/8" -8 EUE Pin	(14.21) 361	145.194
20"	(19.12) 485.75	(18.54) 470.97	(18.54) 470.97	2 3/8" -8 EUE Pin	(14.21) 361	240.653



NOTE: Top subs can be built with any thread as specified

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*The BIGMINI™ Jetting Scraper system attaches to the lower end of downhole tools, ensuring a clean casing wall that is crucial for host packers and retainers with rubber seals.

*The BIGMINI reciprocates over the target depth to prepare seal seating areas.

*As the tool descends, well fluid pressure directs powerful jets through the tool to clean the casing walls more effectively than traditional brushes.

*Fully drillable and disposable, it saves rig time and costs by eliminating cleanup trips.

*The swivel connector also prevents torque transmission to the host packer, avoiding premature setting of mechanical equipment.

A TRIP SAVING WELLBORE CASING CLEANUP TOOL



- API Threaded Swivel Connection to Suit Clients Host Tools
- Directional Up Flush Fluid Ports
- Aluminum Alloy Tool Body and Blades
- Dual role Bi-directional Scraper and Jetting Blades
- Castellated Lower Tool Body to Grip Cement and Aid Drill Out

Scraper available in Sizes from 2-3/8" to 20". Special Order on request.

**BIGMINI Shown with packer for illustration purposes*

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Why risk compromising the integrity of a bridge plug, cement retainer, or production packer setting in the casing when so much is at stake?

Coming Soon!! Coil Tubing Sizes for Running Bridge Plugs and Retainers and Scraper Runs

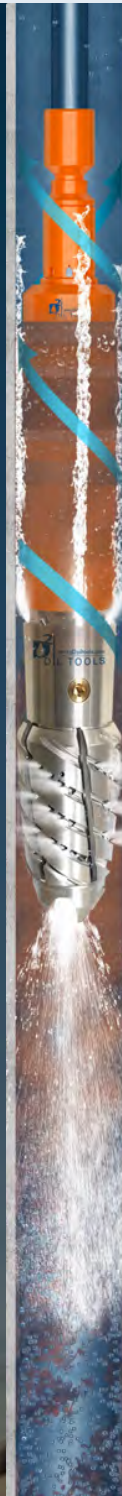
Dual Role Bi-Directional Scraper and Jetting Blades

Directional Up Flush Fluid Ports

One Trip System Reduces Rig Time and Costs



[Download BIGMINI Specifications Sheet](#)



BIGMINI effectively prevents pipe scale in the setting area, safeguarding clear casing and avoiding downhole failures. This ensures uninterrupted operations and improved efficiency.

Whenever we set up the casing for bridge plugs and retainers with the BIGMINI below the Bottom Hole Assembly (BHA), we ensure it is cleaned beforehand. This greatly reduces the risk of Non-Productive Time (NPT) during a one-trip run.

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**Jetting Casing
While Running
in hole with
Retainer/ Bridge
Plug or Packer
and BIGMINI**

**Circulating and
Jetting thru
BIGMINI across
casing to clean
up scale on
casing walls
prior to setting**



**Positioning
Retainer/Bridge
Plug or Packer
in clean casing
and setting**



**Pulling out of
hole with setting
tool**



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Shop Video's BIGMINI In Action



BIGMININ Shop Video



BIGMININ Shop Video-2

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