

# DATA SHEET WELL CLEANER® 414

## POWER SUCTION TOOL – SRO

The Well Cleaner® Power Suction Tool (PST) is the primary choice for removal of loose debris in a well. Using high flowrate fluid circulation, the Well Cleaner® PST agitates debris and then captures it in bailer sections within the tool. It can be run independently in vertical wells or combined with the Well Tractor® for clean-outs in highly deviated or horizontal wells. Surface Read Out (SRO) allows for real-time indication of bailer filling whilst also providing the ability to control and adjust downhole suction force. The ability to vary this force means it can be optimized to suit specific downhole well conditions allowing the capture of multiple debris types in a single run.

### APPLICATIONS

- Removing sand and debris
- Cleaning SSSV seats
- Clearing obstructions
- Accessing isolation valves

### FEATURES

- Powerful suction
- Variable nozzle designs
- Configurable
- Integrated bailers in various sizes
- Surface read-out SRO
- Modular
- Universal
- NACE compliant

### BENEFITS

- No additional fluids required
- Measureable recovery
- Removes wide range of debris
- Recovers the debris from the well
- High recovery rate
- Accurate depth control
- Operates on any e-line via DC



### IMPERIAL

### METRIC

### SPECIFICATIONS\*

	IMPERIAL	METRIC
Length	31.8 ft	9.7 m
Running OD nominal	4 1/4"	107.95 mm
Weight in air	588 lbs	267 Kg
Completion ID range	4.4" – 12.6"	114 – 320 mm
Available bailer sizes	4.25"	108 mm
Bailer volume / from 1 to 7 bailers/	2.9 gals / up to 21 gals (half a barrel)	11 l / up to 77 l
Surface controlled suction force**	0 - 290 psi	0 - 20 bar
Maximum well pressure	25,000 psi	1,720 bar
Maximum well temperature	302 F	150 °C
Tensile strength	65,000 lbs	29,500 Kg
Compressive strength	65,000 lbs	29,500 Kg

Surface read-out SRO: real-time pressure read-out to indicate bailer filling.

\* Dependent upon configuration, above weights and lengths are for a 3 bailer setup, tool has been tested with 7 bailers max.

\*\* Dependent on allowable current draw