



# PowerTrac<sup>®</sup>

Market Leading Tractor  
Conveyance Technology

## Powered Performance

Smart, efficient and effective e-line conveyance  
in deviated wells



# Powered Performance

## Applications

- Conveyance of e-line logging and ballistic services in deviated and horizontal wellbores
- Deployment of well intervention technologies
- Open and cased-hole conveyance capability
- Onshore and offshore application including light well intervention vessels

## Benefits

- High conveyance assurance
- High operational efficiency
- Compliance with ballistic API RP67

## Key features

- Configurable set-up
- **PowerTrac® Select** feature offers in-well speed and power optimisation selection
- **PowerTrac® Multi** feature offers in-well conveyance and rotational power management
- Down-hole telemetry and sensors for heightened operational status and control
- Compatible with 3rd party tools and e-line vendors
- Acts as an anti-rotational anchor and provides controlled weight on bit for rotational services
- Logging while tracting capability. Smooth, continuous down-pass data acquisition of undisturbed fluid in real-time

Service Name	PowerTrac® 218	PowerTrac® 318	PowerTrac® 434
Tool body outer diameter	2.125 inches / 54.0 mm	3.350 inches / 85.1 mm 7.165 inches / 182 mm <sup>3</sup>	5.000 inches / 127.0 mm <sup>1</sup>
No. of drive sections standard configuration <sup>2</sup>	6	2	4
Length per drive section	2.2 ft. / 0.67 m	3.2 ft. / 0.98 m	3.0 ft. / 0.9 m
Maximum pull force - standard configuration <sup>2</sup>	788 lbs / 357.4 kg	1,000 lbs / 453.0 kg	2,000 lbs / 907 kg
Total length - standard configuration	17.1 ft. / 5.2 m	14.9 ft. / 4.6 m 18.3 ft. / 5.6 m <sup>3</sup>	21.0 ft. / 6.4 m
Pull force / length ratio lbs/ft (standard configuration) <sup>2</sup>	46	67	95
Maximum speed - standard configuration <sup>2</sup>	2,950 ft. / hr	3,900 ft. / hr	1,980 ft. / hr
Minimum restriction ID	2.250 inches / 57.2 mm	3.475 inches / 88.3 mm	5.125 inches / 130.2 mm
Maximum hole size	7.5 inches / 190.5 mm	10.2 inches / 259.1 mm up to 13.92 inches / 353.6 mm <sup>3</sup>	14.5 inches / 368.3 mm 22.0 inches / 558.8 mm <sup>4</sup>
Pressure rating <sup>5</sup>	15,000 psi / 1,034 bar	15,000 psi / 1,034 bar	15,000 psi / 1,034 bar
Temperature rating	177°C / 350°F	177°C / 350°F	177°C / 350°F

1 – Tool OD without wear bushing 4.75 inches / 120.7 mm 2 – Drive sections can be added or removed based on available height, speed and pull requirements 3 – PowerTrac 318XR (extended range, comprising of 3 drive sections) 4 – PowerTrac 434XR (extended range) 5 – 20,000 psi on request

# Tractor Conveyance

With power, communication and commands managed through e-line cable deployment, electrohydraulic tractors are designed to convey downhole technology to a target depth in highly deviated or horizontal wells. Light on equipment, footprint and personnel, tractor technology enables interventions less intrusive to the reservoir, the well and surface support infrastructure.

## PowerTrac®

**PowerTrac®** tractors come in a range of sizes and varying capabilities. They are configurable to meet the open or cased hole wellbore environment and to support the specific technology or service being conveyed. With an extensive track record dating back to 1996, the **PowerTrac®** range provides efficient conveyance assurance even in the most complex of wells.

**PowerTrac® Select** offers in-well on command speed/force optimization of the tractor configuration. This allows high speed tracting in less demanding sections, with the ability to select the high force option when required. This offers the option of significantly reduced tractor conveyance times, increased operational efficiency and reduced operational risk.

**PowerTrac® Multi** enables in-well on command switching of the tractor/rotational device power management to optimize conveyance and rotational support during wellbore cleanout and component milling operations. This offers high speed tracting, driven tracting for management of weight on bit, plus continuous bit rotation during pick up sequencing. This delivers a smoother, faster and de-risked rotational operation.

## PRIME™ Technology Platform

**We continue to innovate in the field of well intervention, to solve well challenges with precision and certainty, providing solutions that deliver first time.** A key example of this innovation is PRIME™ – our new, digitally enabled electro-hydraulic well intervention platform. The platform is delivering superior performance in speed, force, precision and task range of tractor conveyance and powered mechanical applications. Entering the market in 2019, PRIME™ is redefining what is possible, transforming the future of eline deployed well intervention.

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# MAKING INTERVENTION SMARTER

## Comprehensive and Configurable

Deployed since 1996 the **PowerTrac®** has an outstanding track record performing over 16,000 runs and tractoring over 14,000 kilometres. It has made a significant contribution to the reduction of operational costs. It saves the operator both time and money while reducing the risk of damage and pollution.

16,000 RUNS  
14,000 KM



PrecisionTechnology



## Delivering Precision Interventions

A modular technology toolbox to clean, manipulate and recover your well with precision. The **PowerTrac®** tractor plays a key role in the delivery of mechanical intervention solutions. This includes rotational services such as debris cleanout and milling plus tools to install, retrieve, manipulate and repair completion components.

## Perforating and Logging

**PowerTrac®** can be used for safe and accurate deployment of ballistic services for perforation, punching, and cutting. Its logging while tractoring capability enables simultaneous operation of tractor and production logging tools or other well diagnostic technologies.

SAFE & SECURE PERFORATING

LOGGING WHILE TRACTORING



## Making Intervention Smarter

Altus Intervention is the well intervention specialist with a difference.

We have the experience, technologies and techniques like no other, enabling us to work smarter, adapting and delivering real change operationally and commercially.

## Chosen for experience and expertise



**A partner of choice.** With 40 years of intervention industry expertise, Altus Intervention is a trusted partner to many of the world's leading energy companies.

We have an extensive range of equipment and technologies with highly-skilled personnel available for deployment from four regional hubs.





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