

# PowerTrac

## Tractor conveyance

### Applications

- Conveyance of E-Line and ballistic services (e.g. Cement Bond Log, PLT, Perforating guns etc.) in deviated and horizontal wells
- Conveyance of well intervention tools (e.g. stoker, rotational services for milling etc.)
- Open and cased hole conveyance
- Onshore, offshore including light well intervention vessels

### Features and Benefits

- Configurable set-up; single, dual or tandem tractors
- PowerTrac® Select feature offers in-well speed and power optimization selection
- Down-hole telemetry and sensors option, improving real-time operational awareness and control
- Compatible with 3rd party tools and wireline vendors
- Acts as an anti-rotational anchor and provides controlled weight on bit for rotational services
- Logging while tracting capability
- High conveyance assurance
- High operational efficiency

PowerTrac® is a range of powered wireline tractors used to convey logging tools and execute well intervention services. With an extensive track record and the best pull force/tractor length ratio, PowerTrac® provides conveyance assurance even in the most complex wells.



Service Name	PowerTrac® 218	PowerTrac® 318	PowerTrac® 434
Tool body outer diameter	2.125 in. (54.0 mm)	3.350 in. (85.1 mm) 7.165 in. (1820 mm <sup>3</sup> )	5.0 in. (127.0 mm <sup>1</sup> )
No. of drive sections-example 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 (0.914 m)
Maximum pull force - example configuration <sup>2</sup>	788 lbs (357 kg)	1,000 lbs (453 kg)	2,000 lbs (907 kg)
Tool length-example configuration <sup>2</sup>	17.1 ft (5.2 m)	14.9 ft (4.54 m)	21.0 ft (6.4 m)
Pull force/ length ratio-example configuration <sup>2</sup>	46 lbs/ft (69kg/m)	67 lbs/ft (98 kg/m)	95 lbs/ft (152 kg/m)
Maximum speed-example configuration <sup>2</sup>	2,950 ft/hr (900 m/hr)	3,900 ft/hr (1,188 m/hr)	1,980 ft/hr (604 m/hr)
Minimum restriction ID	7.5 in. (190.5 mm)	3.475 in. (88.3 mm) 7.29 in. (185.2 mm <sup>3</sup> )	5.125 in. (130.2 mm)
Maximum hole size	7.5 in. (190.5 mm)	10.2 in. (259.1 mm) up to 13.920 in. (353.6 mm <sup>3</sup> )	14.5 in. (386.3 mm) 22.0 in. (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	350°C (177°F)	350°C (177°F)	350°C (177°F)

<sup>1</sup> Tool OD without wear bushing 4.75 in / 120.7 mm

<sup>2</sup> Drive sections can be added or removed based on available height, speed and pull requirements of a specific operation

<sup>3</sup> PowerTrac® 318XR (extended reach)

<sup>4</sup> PowerTrac® 434XR (extended reach)

<sup>5</sup> 20,000 psi on request

Suitable for ballistic operations through the addition of an API RP67 compliant Safety Sub

PowerTrac® 212 Compact - has been designed specifically for circumstances where rig up height limitations necessitate the use of a shorter tractor. PowerTrac® 212 Compact meets the minimal length requirement while still delivering conveyance performance, albeit with a limited set of extra features.

<b>PowerTrac® 212 Compact</b>	
<b>Tool body outer diameter</b>	2.500 in. (63.5 mm)
<b>Wheel diameter</b>	2.500 in. (63.5 mm) & 2.625 in. (66.8 mm)
<b>No. of drive sections - example configuration</b>	2
<b>Length per drive section</b>	2.0 ft (0.6 m)
<b>Maximum pull force - example configuration<sup>1</sup></b>	550 lbs (250 kg)
<b>Tool length - example configuration</b>	13.1 ft (4.0 )
<b>Pull force / length ratio - example configuration</b>	42 lbs/ft (63 kg/m)
<b>Maximum speed</b>	6,480 ft/hr (1,975 m/hr)
<b>Minimum restriction ID</b>	2.625 in. (66.8 mm for 2.500 in. wheels) 2.750 in. (69.9 mm for 2.625 in. wheels)
<b>Maximum hole size</b>	9.2 in. (233.7 mm)
<b>Pressure rating</b>	15,000 psi (1,034 bar)
<b>Temperature rating</b>	350°F (177°C)

<sup>1</sup> Pull force can be increased by adding additional drive sections. Each drive section adds 275 lbs force