

# 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	2.250 in. (57.15 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.

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

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