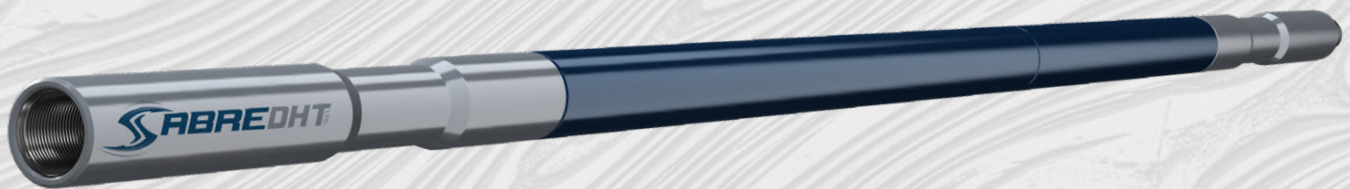




SlidePRO *Friction Reduction Tools*

The SlidePRO is SabreDHT's advanced auto-activating axial pulse friction reduction tool, designed to optimize drilling performance by reducing friction between the wellbore and the bottom hole assembly (BHA). By generating powerful axial pulses while minimizing pressure losses, SlidePRO improves weight transfer, increases rate of penetration (ROP), and maximizes hydraulic horsepower at the bit.

Engineered for today's demanding directional drilling environments, SlidePRO is available in multiple configurations—including **PULSE, STANDARD, MAX, and MAX Low Pressure**—allowing operators to tailor performance to specific lateral lengths, operating conditions, and BHA placement requirements.



FEATURES

- Powerful axial friction-breaking motion reduces contact forces between the drill string and wellbore, improving weight transfer to the bit, increasing rate of penetration (ROP), and mitigating stick-slip.
- Auto-Activating design delays tool engagement at the start of the BHA run, helping protect surface drilling equipment and reducing unnecessary wear.
- Enhanced drilling efficiency enables longer laterals, reduces drilling time, and lowers overall equipment costs.
- Improved mud motor toolface control provides more consistent weight transfer and enhanced directional performance.
- Custom pressure configurations tailored to customer operating parameters and specific drilling applications.

SPECIFICATIONS

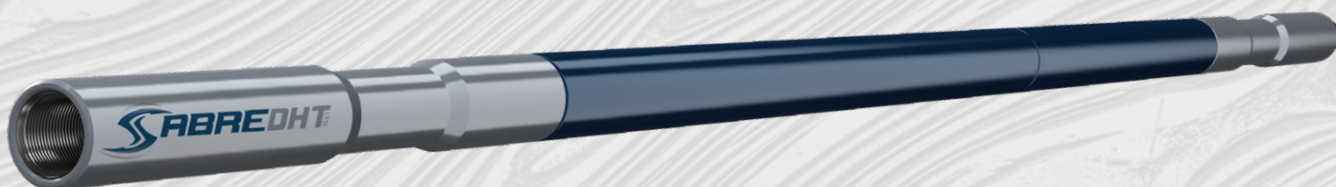
Tool Size O.D. in. (mm)	Overall Length w/ SJ ft (m)	Recommended Flow Range GPM (LPM)	Temp °C (°F)	Frequency (Hz)	Pressure Drop psi (kPa)	Max Tension lbs (daN)	Max Torque ft-lbs (Nm)
5.25 (133)	16 (5.1)	210-370 (800-1,400)	150 (300)	7-10	260-800 (1,800-5,500)	475,000 (215,575)	30,050 (40,742)
6.75 (171)	16 (5.1)	420-750 (1,600-2,839)	150 (300)	5-10	260-800 (1,800-5,500)	610,000 (277,000)	47,000 (63,685)





TT SlidePRO Friction Reduction Tool

The TT SlidePRO is SabreDHT's coiled tubing friction reduction tool engineered to improve reach and reduce drag during completion operations. Using a controlled hydraulic pulse system, these pulses create an axial force that helps overcome static friction. The continuous pulse action enhances weight transfer to the milling assembly, supports debris transport and wellbore cleanout, and improves composite plug milling efficiency while reducing intervention time and overall completion costs. The tool helps operators achieve greater reach, improve weight transfer to the milling assembly, and access target depth more efficiently in extended-reach horizontal wells.



FEATURES

- Reduces coiled tubing friction in extended-reach laterals to improve run-in and downhole mobility.
- Enhances reach and ability to attain target depth in horizontal wells.
- Improves weight transfer to milling assemblies for more effective composite-plug milling.
- Increases milling efficiency while reducing frictional drag on the tubing.
- Aids debris transport and wellbore cleanout during circulation and milling operations.
- Compatible with conventional completion fluids and nitrogen applications.
- Simple integration into existing coiled-tubing bottom-hole assemblies and completion workflows.
- Lowers intervention time, increases operational efficiency, and reduces overall completion costs.

SPECIFICATIONS

Tool Size O.D. in. (mm)	Overall Length ft (m)	Recommended Flow Range GPM (LPM)	Temp °C (°F)	Frequency (Hz)	Pressure Drop psi (kPa)	Max Tension lbs (kN)	Max Torque ft-lbs (Nm)
3.125 (79.37)	7.5 (2.26)	100-210 (375-795)	150 (300)	4-9	700-2,500 (4,800-17,000)	335,000 (1,490)	3,920 (5,314)

