

Evolve

ReedHycalog has always been at the forefront of drilling innovation, constantly evolving to meet the ever-changing demands of our customers. We're proud to introduce the latest breakthrough in our commitment to providing efficient well construction via drilling excellence – the ReedHycalog™ Evolve performance product line.

Combining 50 years of expertise in cutter technology, materials science, and data analytics, our new top-tier drill bit line delivers superior performance that enhances drilling efficiency and exceeds your expectations.

Maximizing rate of penetration

Through EagleEye™ strategic orientation of ION+™ shaped cutters and the introduction of our patent pending high-exposure cutters, our drill bits achieve unmatched depth of cut in the most challenging formations. The Pegasus™ feature, exemplifies innovation with its unique dual-diameter cutting structure layout, balancing stability and performance to accelerate drilling operations. Enhanced Cyclone™ hydraulics further refine this process by improving cutter cooling and cuttings removal, extending operational intervals, and maintaining peak drilling efficiency.

Durability

Advanced body materials ensure that Evolve bits can withstand the most demanding environments while maintaining their structural integrity. Paired with the toughest ION+ cutter shapes and grades, Evolve drill bits provide unparalleled resilience and efficiency over extended runs. The inclusion of the Wing-Blade™ gauge design enhances wellbore quality and stability, enabling optimal performance for longer intervals and minimizing downtime.

Operational efficiency

The Janbiya™ feature streamlines the removal of the casing shoe, reducing the risk of premature cutter damage and eliminating the need for dedicated drill-out runs. Meanwhile, the innovative ION+ Infinity rotating cutters are designed to excel in the most challenging conditions, allowing for extended intervals without interruption and significantly lowering overall well construction costs.

Record-setting performances

Evolve bits have broken both footage and ROP records, saving days in NPT with customers worldwide, including in extremely abrasive lateral sections, and surpassed incumbent hybrid drill bits from the most difficult drilling environments in larger hole sizes.

Evolve with us

Contact your local ReedHycalog representative today.