



**RUGGEDIZED FOR RELIABILITY. BUILT FOR POWER.**

## **PROVEN PERFORMANCE WHEN CONTROL MATTERS MOST**

The **Magnus® Saker RSS** delivers a step-change in drilling performance by extending run length, increasing dogleg capability, and enabling realtime trajectory control in demanding environments. Its ruggedized design and advanced control architecture reduce operational risk while optimizing well placement to provide consistent, predictable performance from spud to TD run after run, moving the baseline for what 'normal' looks like in extreme well drilling.

**GO FARTHER. TURN SHARPER. THINK FASTER.**



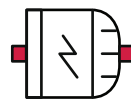
### **Speed that stays in control.**

Delivers high performance without the chaos. Adaptive actuators apply force only when needed, while proportional control smooths the path to cut tortuosity, reduce corrections, and accelerate end to end drilling.



### **Reliability that keeps you drilling.**

From metal-to-metal seals to a fully rotating bias unit and streamlined geometry, the Magnus Saker RSS is engineered to resist wear and prevent jamming. Redundant, independently controlled valves further enhance system resilience, extending run length and reducing costly interruptions.



### **Power that never blinks.**

A compact turbine generator keeps the platform energized through long runs. High-rate sampling maintains position accuracy at high RPMs, while on-the-move diagnostics verify tool health so you can act before issues arise.

UNMATCHED RELIABILITY, PRECISION, AND  
POWER—EXTENDING RUNS, BOOSTING DOGLEGG  
CAPABILITY, AND ENABLING REAL-TIME CONTROL  
FOR OPTIMIZED WELLBORE PLACEMENT IN THE  
TOUGHEST DRILLING ENVIRONMENTS.



#### Robust mechanical design delivers longer runs and higher doglegs

- Ruggedized pad module for stronger kinematics, enhanced durability.
- Reduced part count and reinforced armoring for consistent control.
- Optimized valve system for minimal erosion and maximum reliability.

#### Enhanced control system keeps you on plan and on target

- Next-generation control algorithms for dynamic pad actuation.
- High resolution at-bit sensors enable proactive, real-time geosteering.
- Optimized firmware delivers rapid, precise steering response.

#### Ruggedized power generator keeps you drilling longer

- Continuous, stable power delivery for extended drilling runs.
- Monolithic chassis electronics for maximum shock resistance.
- Debris-tolerant turbine system ensures reliable power in harsh environments.



INDUSTRY-LEADING

**TENSION AND  
TORQUE CAPACITY**



RATED TO

**30,000 PSI AND  
329°F**

#### Performance That Redefines Possibility

See how the Magnus Saker RSS makes predictable  
drilling the new baseline in extreme wells.

[VISIT THE WEBSITE](#)

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