

## Rotary Steerable System

JaguarLiD®

## JaguarLiD® Rotary Steerable System

### Overview

The Rotary Steerable System ('Push the Bit') consists of LCP Pulse Generator, Measurement Unit (including directional and gamma measurement), and Rotary Steering Unit. The system optimizes wellbore placement and reservoir exposure through real-time, near-bit inclination and gamma ray measurements. Operators achieve faster and safer well delivery.

### Features

- Tool size: 6.75"/4.75"/6"
- Reaches high buildup rates, up to 15°/100 ft
- Measures real-time, azimuthal gamma ray at short distance to bit
- Real-time adjustment of well deviation and azimuth, smooth well path, improves drilling rate, and shortens drilling period
- High reliability based on near-bit tool development experience
- Vibration real-time monitoring is available

### Applications

- Conventional and unconventional hydrocarbon development drilling
- Vertical, horizontal, and 3D directional drilling

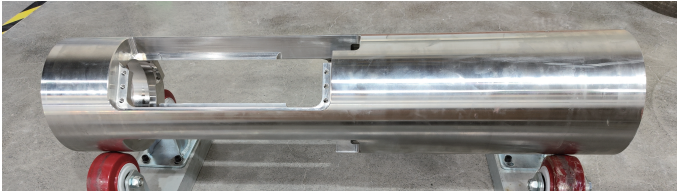
### Specifications

Tool Size	6.75-in. (171 mm)	4.75-in. (120 mm)	6-in. (152 mm)
Hole Size	8.375-in. to 10.625-in.	6-in. to 6.5-in.	7.5-in.
Max. Temperature	150°C	150°C	150°C
Max. Pressure	20,000 psi	20,000 psi	20,000 psi
Max. RPM	400 rpm	400 rpm	400 rpm
Flow Range	22 - 44 L/s	7.9-22L/s	9-34L/s
Max. Buildup Rate	15°/100 ft (30 m)	10°/100 ft (30 m)	15°/100 ft (30 m)



## Photos of RSS

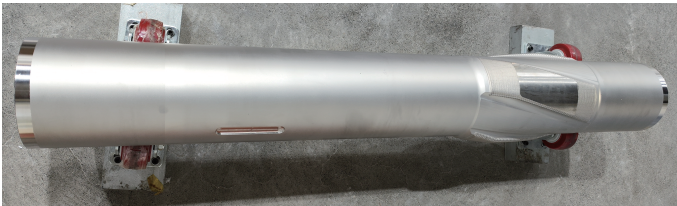
Hydraulic bin fixed drill collar



Hydraulic bin



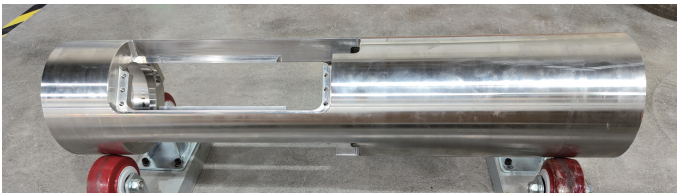
Upper Electronic Compartment drill collar



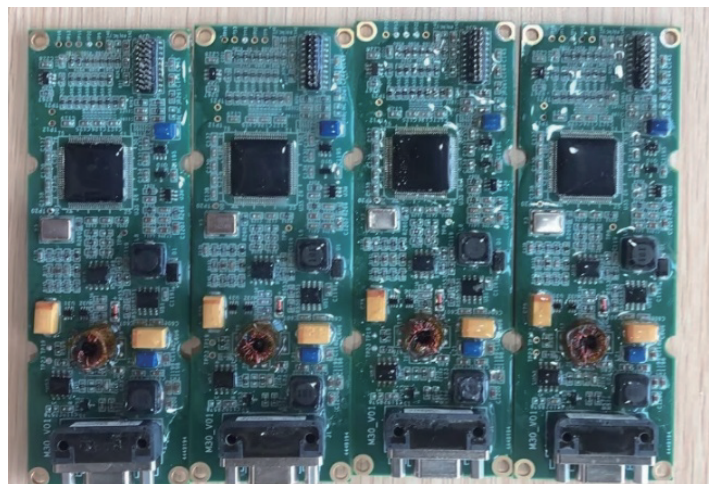
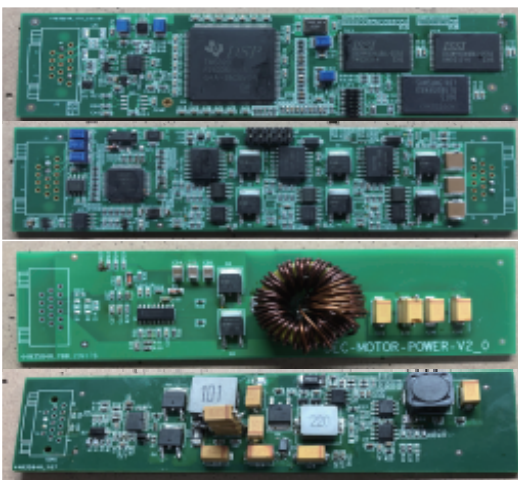
Bearing



Upper Spindle



Rotary Steering Unit circuits



## FELiD® SYSTEM

---



**TigerLiD**  
MWD Tool



**CatLiD**  
Near Bit Tool



**JaguarLiD**  
RSS



**LeoLiD**  
Resistivity Tool



**PumaLiD**  
NMR Logging Tool



**LynxLiD**  
Gamma Tool