

CLOSER TO BIT

Altitude's REACT Power Sections offer "Closer to Bit MWD" measurements, allowing operators to quickly respond to changes in lithology and trajectory.

The REACT series captures multiple MWD measurements from the top of the motor, positioned 7-8 meters closer than conventional drilling motors. These measurements include gamma ray, inclination, azimuth, stick-slip, and vibration.

Designed for compatibility with Altitude's MWD product line, the REACT series supports dual-telemetry options, ensuring a high density of data transmission to the surface.

REACT provides a reliable, cost-effective alternative to traditional SMART motor and inclination-at-bit systems by eliminating the need for short-hop technology and additional subs below the motor.



ADVANTAGES

- Multiple measurements 7-8 meters closer
- Compatible with EM & dual-telemetry
- No additional subs placed below or above the motor
- Directional sensor can be placed below gamma sensor

APPLICATIONS

- Geosteering
- Tight trajectory steering
- Early payzone detection
- Thin target zones
- Ideal for Clearwater and Viking formations

Size (in)	Model	Name	Power Section Performance							
			Flow Range (m3/min) MIN	Flow Range (m3/min) MAX	Bit Speed (rpm) MIN	Bit Speed (rpm) MAX	Speed Ratio (Rev/m3)	Max Differential Pressure (kPa)	Max Operating Torque (Nm)	Torque Slope (Nm/kPa)
5.00"	REACT 520	5.00" C2 REACT 520	0.57	1.14	79	157	0.138	6,200	6,343	1.023
5.00"	REACT 800	5.00" C2 REACT 800	0.57	1.32	122	282	0.214	11,350	7,094	0.625
5.00"	REACT 1050	5.00" C2 REACT 1050	0.57	1.32	158	366	0.277	15,100	7,248	0.480
6.50"	REACT 330	6.50" C2 REACT 330	0.76	1.89	66	164	0.087	7,800	12,238	1.569
6.75"	REACT 270	6.75" C2 REACT 270	1.14	2.27	81	161	0.071	8,150	14,523	1.782

Custom design configurations can be built on request.