

JOLT TOOL™

- Rival's JOLT TOOL™ is a friction reduction tool that aids in drilling farther and faster:
 - As mud is pumped the tool pulses to activate shock tool, breaking friction between the drill string and wellbore
 - Optimized to rig's specific mud program (Flow & Mud Weight)
- Payoffs:
 - Easier slides, increased ROP, and extended reach in laterals
 - High Frequency (17-20 hz) maximizes friction reduction benefit while minimizing MWD interference
- **NEW: JOLT FX** with Flow Activation
 - Tool ships in off position and is activated downhole
 - To activate, briefly raise flow rate to pre-determined target on or off-bottom
 - Instantaneous Activation. No ball or dart needed

Tool Size (OD)	5 1/8" JOLT	6 1/2" JOLT	7 1/8" JOLT
Overall Length	120"	123"	123"
Weight	460 lbs	800 lbs	860 lbs
Max Flow Rate	350 gpm	700 gpm	700 gpm
Max Temperature	320°F	320°F	320°F
Operating Frequency	15 Hz @300gpm	17 Hz @600gpm	17 Hz @600gpm
Operating Average Pressure	500-600 PSI	500-625 PSI	500-625 PSI
Max Pull (pooh 90%)	515,000 lbs	900,000 lbs	1,350,000 lbs
Max Pull (rerun 65%)	370,000 lbs	650,000 lbs	1,000,000 lbs
Connections	3-1/2" IF & Premium Connections	4-1/2" IF	4-1/2" IF & Premium Connections

