

OUR INNOVATION

/ The Zoom Provides Best-In-Class Smart Vibration Control w/ Recorded Data



Put your old axial shock hammers away & upgrade your operations.

- 60-minute on-site servicing
- +70-day run life
- 5-6 runs before servicing
- Patented placement software
- Custom manufacturing for your application
- Lateral wave vibration
- Recorded real-time data
- Metal to Metal Power
- Thru Bore

THE ZOOM DIFFERENCE

ZOOM DX/FX	Competitor 1	Competitor 2	Competitor 3	ZOOM
Low pressure drop	X	X	X	✓
Operator variable G range	X	X	X	✓
Amplitude wave above 40 G/sec on all axis XYZ	X	X	X	✓
Field serviceable	X	X	X	✓
No shock sub	X	X	X	✓
No complex valve	X	X	X	✓
Designed for rotary drilling	X	X	X	✓
Overpull while pumping above 90Klbs	X	X	X	✓
Ball activated	✓	✓	✓	X
Designed for strong torsional oscillation control	X	X	X	✓
Requires shop configuration for target flow rates	✓	✓	✓	X
Throughbore option	X	X	X	✓

TOC Technology Comparison	Competitor	ZOOM™
No Hydraulic Compression System	✗	✓
Full String Range	✗	✓
Does Not Add String Weak Point	✗	✓
Lowers All Mechanical Loads	✗	✓
Mitigates Differential Sticking	✗	✓
Utilizes Active Harmonic Dampening	✗	✓
Positioned in the String	✗	✓
No External Parts	✗	✓
Manages Full Drill String Energy to Bit	✗	✓
Improves Hole Cleaning	✗	✓
Reduces Pipe Damage to Wellbore	✗	✓
Reduces Casing Wear	✗	✓
Same Connection Yield As Drillpipe	✗	✓
Manages Bit Reactive Torque	✓	✓
Designed for Rotary Drilling	✓	✓