The VersaStabe Jr.™ is a downhole, hydraulically actuated stabilizer. Designed for use in a 2D directional drilling application to help control the inclination in an extended reach or horizontal well, the VersaStabe Jr.™ can be utilized in a conventional rotary bottom hole assembly, or positioned above or below a steerable motor. The gauge diameter of the stabilizer is controlled remotely by the pumps on surface.

The unique blade geometry of the VersaStabe Jr.™ makes it the only downhole adjustable stabilizer that combines ease of sliding when run above a motor, with improved cuttings transport when rotating. The VersaStabe Jr.™ is a shorter but equally robust version of the VersaStabe™.

Innovative blade design is essentially straight (for sliding when run above a mud motor), but incorporates a chevron profile for better circumferential coverage. This reduces vibration and potentially damaging bottom hole assembly harmonics, which reduces problems with MWD and other electronic downhole equipment. This profile aids in hole cleaning when the tool is rotated.

A bottom hole assembly incorporating a VersaStabe Jr. has a low operating cost for 2D steering when compared to the cost of deploying a rotary steerable bottom hole assembly.

The sturdy, one-piece design of the stabilizer body eliminates multiple threaded connections.