



Vario™ Compact Spider and Elevator

The patented¹ Weatherford Vario compact spider and elevator are designed to run and protect high-corrosion-resistant alloy (CRA) completion tubing with multiple control lines. Both tools can be operated hydraulically or pneumatically, can be configured for remote operation, and are compatible with the Weatherford integrated safety interlock system. The Vario compact spider and elevator are available in 200- and 350-ton (181,436- and 317,514-kg) ratings and can be flush-mounted or configured for placement above the rotary. The tools are manufactured under the ISO 9001 certified quality system according to API 8C specifications.

Applications

- Pipe sizes ranging from 2-3/8 to 5-1/2 in. for the 200-ton (181,436-kg) model and 2-7/8 to 7-5/8 in. for the 350-ton (317,514-kg) model
- Completion operations involving CRA tubing with multiple control lines

Features, Advantages, and Benefits

- The Vario compact spider and elevator provide 40-ton (36,287-kg) power-down preload to ensure positive gripping of the string.
- Both tools can be configured for remote operation to enhance safety.
- The lightweight and compact design enables fast, efficient rig up and operation.
- Compatibility with the integrated safety interlock system prevents the elevator and from opening at the same time to avoid accidental dropping of a string.
- The 7- x 4-in. port allows slips to open and close while isolating the control lines to prevent damage and save repair costs.
- The Teflon® roller assembly guides the control lines into the control-line port to prevent crimping.
- Patented² Micro-Grip® minimal-marking inserts grip tubulars fully to minimize marking and ensure tubular integrity. Standard inserts are available as an option.

Additional Information

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¹U.S. Patent No. 6422311

²U.S. Patent No. 6332377

Teflon is a registered trademark of DuPont.

