Sprinter Walking System
By Columbia Industries

Solution
Columbia’s latest innovation, the Sprinter Walking System, is designed for ease of use, efficiency, and safety. The Sprinter lives up to its name, moving 2–4 times faster from hole to hole than any other walking system on the market. Fine positioning controlled over the well head manages steering corrections without the need to lower the rig.

Specs
- 48” to 72” travel stroke, limited by rig structure.
- Auto Move feature automates the walking cycle and increases efficiency.
- All necessary steering modes are supported: longitudinal, lateral, diagonal, and spin.
- Expandable capacity from 1 million to 10 million pounds (500 to 5000 tons).

Safety and Reliability
- Stompers do not rotate for steering changes, eliminating the need for operators to contact the walking system during operation.
- Non-rotating stompers can be rectangular and fill the area available within the substructure.
- The large rectangular stompers distribute the load over a large area, providing significantly lower ground bearing pressure than competitive systems.
- Inclinometers integral to the design ensure the rig stays level when lifting and walking.
- Wireless remote controls operate within a 100-foot range.
- Five levels of controls redundancy ensure system functionality and reliability: Two wireless remote controls, a cable for hard-wiring the remote to the master control module, a full-color touch screen HMI (human machine interface), and manual handles on each directional control valve.
- The system design reduces maintenance costs.
- Critical wear components are designed to be replaced quickly and easily.