

Steel Toe Walking System



Mobility and Functionality

Spend less time rigging up and down by simply, and safely, walking to your next well. Our innovative Steel Toe™ walking system moves your rig while keeping critical equipment stationary or mounted in place and ready for the next well. Wireless controls ensure safe operations by allowing your personnel to stay at safe distances during moves. We configure the system, maximizing the effectiveness of your operations.

Our system consists of four (4) lift and slide walking feet, modifications to the substructure and system controls. The integrated cable management system, gravity mud return, high pressure piping extensions and choke reconfigurations integrate your backyard for full functionality.



Technical Specifications

Equipment description	
Horizontal system total stroke	24 in.
Effective vertical lifting stroke	7 in.
Clearance under substructure*	3 in.
Clearance under foot**	3 in.
Number of skidding cylinders	8
Number of lifting cylinders	4
Number of bearing pads	4
<i>*When fully extended and includes substructure deflection</i>	
<i>**When fully retracted</i>	



Value Added Benefits

- Reduced release-to-spud and required crane time
- Customized installation and product offerings
- Ability to walk with a full-rated setback
- Capability to change direction and walk along the X or Y axis
- Allows rig to walk in 45° increments and spin
- Ability to leave rig walkers installed in the Ideal™ Rig substructure base boxes during pad-to-pad rig moves

Key Components

- Steel Toe™ 1000 walking feet
- BOP beams and hoists to support BOP stack while walking
- Flowline manifold or catch and scalping tank
- High pressure piping for mud
- Choke hoses and piping
- Festoon cable management system
- System controls options:
 - Wireless remote
 - Tethered back-up power or
 - Manual hydraulic controls
- Structural modifications
- Powered by rig HPU

Components and specifications based on AC Ideal Rig.
Additional configurations for other NOV Rigs available on request.