

RIG WALKING SYSTEM



Bentec RIG WALKING SYSTEM for moving the mast and substructure in any direction with full setback.



Bentec Rig Walking Systems provides a solution for reducing the time taken for a rig move on multi-well rig-sites. Moving the complete rig to the next well also requires fewer cranes and less manpower.

Compatible with a wide range of rig designs, Bentec Rig Walking Systems can be adapted to both existing and new build rigs. It consists of four units, each of which fits directly to the substructure. The integrated lift and slide system is operated by hydraulic cylinders to move the rig and the full setback to the desired position. The Bentec Rig Walking System features a reliable and robust design "Made in Germany" and is ideal for drilling rigs on pad drilling or cluster well operations.

A remote console controls the system and can either be operated with the existing rig hydraulic power unit, or if required, a separate hydraulic power unit is also available.

Bentec can provide an in-house designed, standalone HPU that attaches to the substructure and is controlled by a local control panel or with an optional zone-rated wireless control console.

The Bentec Rig Walking System conforms to the latest European and International Standards, maintaining the highest levels of quality and safety.

Technical Data

Length:	108" / 2,733 mm
Width:	101" / 2,570 mm
Height:	72" / 1,828 mm
Weight: (approx.)	30,967 lbs / 14,500 kg
Total lifting capacity:	2,645,547 lbs / 1,200 t
Lifting capacity per unit:	661,387 lbs / 300t
Max. walk speed:	46 ft/hr / 14 m/hr
Max. lifting height:	5.9" / 150 mm
Max. travelling path:	19.7" / 500 mm
Rotation:	360°/20 directions
Stand area per unit:	6 820"² / 4.4 m²
Max. working pressure:	2,466 PSI / 170 bar
Volumetric flow:	63.4 gpm / 240l/min
Max. surface load:	14,620 lbs / ft² / 700 kN/m²
Max. ground irregularity:	0.4"/32 ft / 10 mm / 10 m



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Key Features

- Available for new built and existing rigs
- The rig can walk in 20 different directions within 360°
- Optional standalone HPU
- Optional wireless zone rated control console
- Compatible with widest range of rig designs
- Integration with rig hydraulic power unit possible
- Compact design

Benefits

- Simplified moving system reduces rig move time from well to well
- Ideal for pad drilling and cluster well locations
- Fewer cranes and less manpower required to move rigs

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