

PipeWrangler Model 4500



Forum Pipe Wranglers is the premier manufacturer and supplier of hydraulic catwalks for improving safety and efficiency of drilling rigs around the globe. For more than 15 years, Pipe Wranglers has specialized in the innovation, mechanical design and fabrication of pipe handling systems – and owns the patents on numerous pipe handling products. Forum Pipe Wranglers Hydraulic Catwalks are proven to significantly reduce the hazards associated with direct handling of tubulars during the pick up and laydown process. Reducing or eliminating the handling of tubulars has improved TRIR and results in a safer, more efficient rig site.

Specifically designed for rigs operating in regions where significant pressure control equipment is required, the Pipe Wrangler Model 4500 addresses the tallest rig floors and largest casing sizes in its class. Made from single piece construction, the Model 4500 addresses logistics, set up, and operational issues common to other units.

The Model 4500 is completely redesigned applying significantly improved safety factors to match most demanding applications. The design utilizes state of the art, 3-D modeling and analysis software, coupled with data collection and optional analytics to proactively determine a potential issue before it occurs. This provides the client with an opportunity to correct operational and maintenance issues avoiding costly downtime.

Smart Solutions. Powerful Products.

Standard Features:

- Delivers to rig floors up to 46' tall
- Handles up to 24" casing
- Includes:
 - Hydraulic Gull Wings
 - Tubular Skate with Adjustable Hood
 - Self Contained Hydraulic Leveling Jacks
 - Perimeter E-stop System
 - Tubular Laydown Shovel
 - Reliable Podium Style Controls
 - Integrated HPU
 - Trough skate to push and receive tubulars along the full length of the trough
 - Interlocked trough kickers to prevent inadvertent operation when the trough is away from the home position
 - Hydraulically synchronized indexers and kickers
 - Hydraulically deployed stabilizing system

Optional Features:

- Wireless Remote Control
- Adjustable rig floor height
- Conventional V-Door
- Cold Weather Package
- Desert Package
- Kicker- Indexer interface to prevent dropped tubulars
- Kicker- Skate interface to prevent kickers from operating beneath the skate

Benefits:

- Accommodates pipe racks from 16" – 48" (Including stacked rows)
- Standard rig power facilitates any rig
- Does not require a v-door
- Does not require structural support from the rig
- Can deliver tubulars up to 75' in length (Casing doubles option available)

Technical Specifications:

- Lift capacity Size (Max) 24"
- Lift Capacity Weight 10,000 Lbs (16,000 Lbs optional)
- Tubular Trough Kickers 2 in each direction (additional number optional)
- Cycle Time Under 100 Seconds (raised and lowered)