

Automated Tong Positioning Systems



Automated Tong Positioning Systems are a versatile suite of equipment for every Operator's toolbox.

Nabors' Automated Tong Positioning System is used on conventional and proprietary offshore tubular service packages enabling personnel to move tongs forward, backward, up and down without hanging from a rigtugger line. To ensure the longevity of Tong Carts, there is no telescoping arm that can break.

The Automated Tong Cart is available in 14", 8-5/8" and smaller sizes, and is adaptable to fit most rig floors. For tubulars up to 22", the IR Track Automated Tong Cart can be adapted to fit any IR track system on rig floors. On rigs with minimal floor space, a Tong Positioning Pole can be integrated to eliminate equipment on the rig floor and mitigate tripping hazards for personnel. Each of the solutions can be used on the main or auxiliary rotaries for drilling, completions and/or building stands.

*All specifications are subject to customization and continuous product improvement.

FEATURES & BENEFITS

- A large suite of equipment to choose from ensures the right tongs for your offshore drilling program
- Automated operation removes personnel from well center and mitigates pinch point hazards associated with making up connections
- The ability for all equipment to be operated remotely from a wireless control pack (electric/hydraulic) reduces personnel around the main rotary and provides mobility to maintain a clear line of sight
- The Telescoping Pole eliminates trip hazards by taking tong equipment off the rig floor and away from well center

COMPLEMENTING EQUIPMENT

- Casing Drive System™ (CDS)
- Control Line Pusher Arm
- Tubular Stabbing Arm
- TesTORK™ (Wireless Torque Control System)
- Wireless Control Pack (Belly Pack)

TECHNICAL SPECIFICATIONS*

	TONG CART	IT TRACK TONG CART	TONG POSITIONING POLE
Working Rating	Limitations are dependent on rotary slip used	Limitations are dependent on rotary slip used	Limitations are dependent on air/hydraulic hoist used
Weight	1,200 lbs + Tongs	14,000 lbs + Tongs	2,200 lbs + Tong
Max. Tong Weight	6,500 lbs	13,000 lbs	Air/Hyd Hoist carries load
Overall Length	150 in. (+/- 6 in.)	87 in. (+/- 6in.)	143 in.(+/- 6in.) Retracted 217 in. (+/- 6in.) Extended
Width	60 in. (+/- 6 in.)	94.5 in. (+/- 6in.)	11 in. (+/- 6in.)
Height	92.5 in. (+/- 6 in.) w/o Comp Spring 120 in. (+/- 6in.) w/Comp Spring	129 in. (+/- 6in.) w/Comp Spring	23.25 in. (+/- 6in.)
Max. Height (w/5' cylinders)	152 in. (+/- 6in.) w/o Comp Spring 180 in. (+/- 6in.) w/ Comp Spring	202.375 in. (+/- 6in.) w/ Comp Spring	Limitations are dependent on Pole/Bracketing/Rig specifics