

PSC TUBULARGUIDER PUSH PULL TOOL

PSC-TG-36 / PSC-TG-48 / PSC-TG-60

No-Touch Hands-Free Tool for Safe Tubular Guiding and Positioning

Engineered to guide, position, and control suspended tubular loads from a safe working distance.



PRODUCT OVERVIEW

The PSC TubularGuider Push Pull Tool is a hands-free, no-touch safety device for guiding, positioning, and controlling suspended tubular loads during rigging and handling operations — without direct hand contact with the pipe or load.

Built with a high-impact polypropylene body, aluminium shaft, and non-slip rubber grip, the tool maintains safe working distance throughout the positioning sequence. A looped noose end engages the tubular for push and pull control without contact.

The dual-action release — spring-loaded cable release and instant drop slide control — provides fast, flexible disengagement based on site requirements.

Available in 3 ft (PSC-TG-36), 4 ft (PSC-TG-48), and 5 ft (PSC-TG-60). Strap options: nitrile or polypropylene.

PSC-TG-36 / TG-48 / TG-60 - Three length variants shown

WHY THIS TOOL IS REQUIRED — THE HAZARD CONTEXT

THE HAZARD

- Suspended tubulars swing unpredictably during rigging and positioning — any pendulum motion can trap or crush a hand against adjacent structure, deck, or rack instantly.
- Workers guiding tubulars by hand during landing are in the line-of-fire of shifting loads — with no reaction time if the load moves unexpectedly.
- Pinch and crush exposure peaks at the final phase of positioning — when the operator is closest to the load and has the least ability to step back.
- Direct pipe contact also exposes operators to contamination, sharp edges, and abrasion — secondary hazards compounding the primary crush risk.

THE CONTROLLED APPROACH

- The PSC TubularGuider creates a working buffer between operator and load. The noose engages the tubular — hands remain on the grip, outside the hazard zone.
- Push and pull operations are performed through the tool shaft — no direct hand-to-pipe contact at any phase of the positioning sequence.
- Dual-action release allows rapid disengagement in an emergency without stepping toward the load or reaching into the swing zone.
- Consistent standoff maintained across all phases: grabbing, guiding, landing, and pulling suspended tubulars into position.

KEY FEATURES & FUNCTIONAL DESCRIPTION

Noose Engagement End	Loop-and-noose design engages around the tubular OD for push, pull, and guiding operations. Operator does not contact the pipe — all directional force is transmitted through the tool shaft and noose.
Dual-Action Release Mechanism	Two independent release methods: spring-loaded cable release for controlled disengagement; instant drop slide control for rapid emergency release without approaching the load. Selectable based on site protocol and task risk level.
Locking Mechanism	Positive lock on the noose maintains tubular engagement during guiding and positioning, preventing inadvertent release during controlled push or pull operations.
Non-Slip Rubber Grip	Textured rubber grip provides secure operator control in wet, oily, or contaminated conditions. Designed for gloved-hand operation across a full shift.
High-Impact Polypropylene Body	Impact-resistant, corrosion-proof, and lightweight body — rated for offshore rigs, industrial yards, and construction sites.
Super-Strong Aluminium Shaft	Aluminium shaft provides rigidity for controlled load guidance while keeping tool weight manageable. Available in 3 ft, 4 ft, and 5 ft lengths.
Nitrile or Polypropylene Strap Options	Nitrile strap for oil and chemical resistance in drilling and process environments; polypropylene for general industrial and construction applications.

AVAILABLE LENGTHS | STRAP OPTIONS

Part Number	Length	Strap Material	Recommended Use
PSC-TG-36	3 ft (approx. 900 mm)	Nitrile / Polypropylene	Confined spaces, restricted working areas, close-proximity positioning
PSC-TG-48	4 ft (approx. 1200 mm)	Nitrile / Polypropylene	Standard tubular guiding and load positioning — general-purpose length
PSC-TG-60	5 ft (approx. 1500 mm)	Nitrile / Polypropylene	Extended reach operations, open yard and rig floor, maximum standoff distance

APPLICATIONS | INDUSTRIES SERVED | SAFE USE

APPLICATIONS

- Grabbing and gripping suspended tubular components during rigging and lifting operations.
- Guiding tubulars into position on racks, platforms, and pipe handling equipment — controlled placement without direct hand contact.
- Landing suspended loads — managing the final positioning phase where crush and pinch exposure is highest.
- Pulling suspended pipes into designated positions without direct contact.
- BOP hose and service line positioning from a safe standoff.

INDUSTRIES SERVED

- Oil and gas — offshore and onshore drilling and production
- Industrial yards and fabrication facilities
- Construction and civil infrastructure
- Shipyards and ports

SAFE USE GUIDELINES

- Inspect noose, strap, locking mechanism, and release controls before each use. Do not deploy if any component shows damage or deformation.
- Select the correct length for the task standoff requirement. Do not improvise extensions.
- Engage noose fully and confirm locking mechanism is active before applying push or pull force.
- Use slide control for emergency release, cable release for planned disengagement.
- Never stand under suspended loads. The tool controls lateral movement only — it does not arrest a falling load.
- Maintain communication with crane operator or rigger throughout the positioning sequence.
- Tool use does not supersede site lift plans, tubular handling procedures, or EHS protocols.

**Tubulars don't cause injuries during lifting.
They cause injuries during guiding and placement.**

The PSC TubularGuider ensures guiding and placement is done from a safe distance — no-touch, hands-free, on every lift.