

# PSC LOADGUIDER<sup>®</sup> PUSH/PULL TOOL

## PSC-LG Series

Hands-Free Push/Pull Tool for Safe Positioning of Suspended Loads, Drill Pipes, and Slung Equipment

*Engineered to guide, position, and retrieve loads with precision — keeping hands clear of pinch points and swing zones throughout every operation.*



### PRODUCT OVERVIEW

The PSC LoadGuider Push/Pull Tool is a robust, hands-free safety tool designed to reduce pinch, crush, and impact injuries during the positioning and handling of suspended loads. It creates a controlled working buffer between the operator and the load — enabling push, pull, and guide operations without direct hand contact.

Built with a fiberglass body and nylon engagement head, the tool is lightweight enough to use across a full shift while delivering the structural rigidity required for controlled load positioning. Rated to 300 kg push and 150 kg pull loads.

*Available in five lengths: 21", 42", 50", 72", and 96" to suit varying lift heights, deck configurations, and standoff requirements.*

### WHY THIS TOOL MATTERS — THE HAZARD CONTEXT

#### THE HAZARD

- Operators guiding suspended loads by hand are exposed to pinch and crush injuries throughout the final positioning phase — the highest-risk moment of every lift.
- Hands placed on load corners, rigging hardware, or structural frames are in direct line-of-fire if the load shifts or swings unexpectedly.
- Tagline retrieval after load landing forces workers to step close to the load before it is fully secured — a frequent cause of proximity incidents.
- Workers in the load swing zone during descent and placement face impact, pinch, and crush exposure that cannot be mitigated by PPE alone.

#### THE CONTROLLED APPROACH

- The tool creates a controlled working buffer — push and pull operations are performed through the nylon engagement head, with no direct hand contact with the load or rigging.
- The ergonomic D-handle and hand guard keep the operator's grip well clear of the engagement zone — preventing inadvertent hand advancement toward the load.
- Taglines can be hooked and retrieved using the tool head from outside the hazard zone — eliminating the need to step toward the load during recovery.
- Used in pairs, the tool provides two-sided bilateral load guidance — improving positioning stability without increasing crew exposure on either side.

### KEY FEATURES & FUNCTIONAL DESCRIPTION

<b>Nylon Engagement Head</b>	Durable nylon head engages load corners, rigging frames, taglines, drill pipes, and structural profiles without damaging load finishes or rigging points. Provides both push and pull control from a single working position — no adjustment required between load types.
<b>Fiberglass Body</b>	High-strength fiberglass shaft delivers the rigidity required for controlled load positioning while remaining lightweight enough for extended use across a full shift. Resistant to corrosion, drilling fluids, and offshore atmospheric exposure.
<b>Ergonomic Non-Slip D-Handle</b>	Contoured D-handle provides secure grip with gloved hands in wet and contaminated conditions. Designed for single-handed operation — enabling the operator to maintain balance and body position throughout push and pull manoeuvres.
<b>Integrated Hand Guard</b>	Fixed hand guard prevents the operator's grip from sliding toward the engagement head during forceful push or pull operations — maintaining controlled standoff distance between hands and the load at all phases of the positioning sequence.
<b>Rated Load Capacity</b>	Tested to withstand 300 kg push loads and 150 kg pull loads — providing the structural performance required for heavy industrial load positioning without tool failure under working conditions.

**High-Visibility Lime Green Finish**

High-contrast lime green shaft colour provides instant visual identification on deck and in busy industrial environments — supporting site housekeeping and tool accountability programmes.

**Five Standard Lengths**

Available in 21", 42", 50", 72", and 96" lengths — enabling selection of the correct standoff distance for the lift height, deck geometry, and load size. Longer lengths are used for tall picks; shorter lengths for confined deck positioning.

**APPLICATIONS | TECHNICAL SPECIFICATIONS****SUSPENDED LOAD POSITIONING**

- Guiding slung loads during final approach and placement on offshore decks and platforms.
- Push/pull positioning of ISO containers, cargo baskets, and equipment modules during crane landing.
- Stabilising suspended loads in the last metre of descent to prevent swing into structures.

**DRILL FLOOR & TUBULAR HANDLING**

- Manoeuvring drill pipes, tubulars, and BHA components during crane-assisted pick and lay down.
- Guiding tubular strings through tight deck spaces and pipe rack areas.
- Positioning subsea equipment and wellhead components during crane-assisted deployment.

**TAGLINE & RIGGING OPERATIONS**

- Hooking and retrieving taglines from outside the load hazard zone after landing.
- Redirecting taglines and slings during multi-point rigging and load orientation.
- General load control and guidance across fabrication yards, ports, and construction sites.

**TECHNICAL SPECIFICATIONS**

<b>Body Material</b>	Fiberglass
<b>Head Material</b>	Nylon
<b>Push Rating</b>	300 kg
<b>Pull Rating</b>	150 kg
<b>Handle Type</b>	Ergonomic non-slip D-Handle
<b>Hand Guard</b>	Integrated
<b>Finish</b>	High-visibility lime green
<b>Available Lengths</b>	21", 42", 50", 72", 96"
<b>Environment</b>	Offshore, onshore, heavy industrial, drilling
<b>Resistance</b>	Corrosion, drilling fluids, wash-down

**PART NUMBERS**

PSC-LG-21	PSC-LG-42
PSC-LG-50	PSC-LG-72
PSC-LG-96	

**INDUSTRIES SERVED | BEST PRACTICE FOR SAFE USE****INDUSTRIES SERVED**

- Offshore drilling rigs — all water depth categories
- Oil and gas production platforms
- Offshore supply and platform support vessels
- Shipyards and marine construction facilities
- Fabrication yards and ports
- Onshore construction and structural steel erection
- Heavy industrial maintenance and shutdown operations

**BEST PRACTICE FOR SAFE USE**

**Use in pairs:** One tool on each side of the load for coordinated bilateral control. Improves positioning stability without increasing crew exposure.

**Engage at final approach only:** The tool is a positioning aid — engage during final descent and placement, not during the crane hoist or long-travel phase.

**Maintain standoff at all times:** Do not close the gap between operator and load at any phase. The tool works precisely because it maintains distance.

**Complement taglines:** Use alongside approved taglines — does not replace them. Maintain tagline control throughout the full lift.

**Do not lever or lift:** Not rated for load bearing, prying, or levering. For guiding and stabilising suspended loads only.

**Select correct length:** Match tool length to the lift height and deck geometry — longer tools for tall picks, shorter for confined placement zones.

***Cargo doesn't cause injuries during lifting. It causes injuries during landing and positioning.***

The PSC LoadGuider Push/Pull Tool ensures positioning is controlled, stable, and hands-free — on every lift, on every deck, in every operating environment.