

PSC LOADGUIDER® 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

Nylon Engagement Head	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.
Fiberglass Body	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.
Ergonomic Non-Slip D-Handle	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.
Integrated Hand Guard	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.
Rated Load Capacity	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

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