



ENGINEERED INDUSTRIAL PUSH / PULL TOOL

PSC LoadGuider® Push Pull Tool

*Guide the Load.
Not with Your Hand.*

Engineered push/pull guidance for industrial load positioning, heavy component alignment, restricted-area work, maintenance tasks, and safer distance control.

WHERE THE RISK REALLY BEGINS

When Workers Still Use Their Hands to Control the Task

In real industrial work, the risk often begins when a worker reaches in to correct something that has almost reached its position.

A load drifts.

A component needs alignment.

A fabricated part needs a final push.

A suspended item swings slightly.

A maintenance part needs to be seated.

A worker steps closer.

The hand becomes the control point.

This is where many pinch, crush, impact, caught-between, and line-of-fire exposures begin. The task may look routine. The exposure is not.

"The task may look routine. The exposure is not."

The Glove Problem

Workers are trained to wear gloves. Gloves matter — they can reduce the severity of some injuries. But gloves do not remove the hand from the hazard zone. They do not prevent a pinch. They do not stop a crush. They do not eliminate line-of-fire exposure when the hand is placed on a moving load or component.

Protection after exposure is not the same as reduction of exposure.

The Instinct Problem

When a load drifts slightly, the instinct is immediate — reach out and correct it. This instinct is universal. It happens in crane operations, fabrication, maintenance, assembly, and restricted-area handling.

THE CORE EXPOSURE

The final few inches of load positioning are often the highest-risk moments in the entire task — not because the load is moving fast, but because the worker is closest.

WHAT IT DOES

What PSC LoadGuider® Does

PSC LoadGuider® helps workers replace direct hand contact with controlled, tool-mediated interaction — in crane operations, fabrication, maintenance, assembly, and any task where the hand would otherwise become the contact point.

It helps workers:

- Push loads from a safer distance
- Pull or guide components without hand contact
- Improve final positioning accuracy
- Maintain separation from pinch points
- Reduce awkward reaching and bending
- Control movement in restricted areas
- Support safer maintenance tasks
- Assist rigging, fabrication, and assembly work

PSC LoadGuider® is not a lifting device. It does not carry load. It assists the worker in controlled guidance and positioning — where direct hand contact should be avoided.

"A push/pull tool should not simply extend reach. It should help the worker control the task without entering the hazard zone."

Broader Than Rigging

While closely related to the PSC Load-it® rigging tool, PSC LoadGuider® is positioned as a wider industrial push/pull guidance platform — applicable wherever workers currently use their hands, pipes, rods, or improvised tools to influence the position of a load or component.

This includes plant maintenance, shutdown work, heavy fabrication, casting and furnace environments, assembly lines, and any restricted-access industrial area.

ENGINEERING PRINCIPLE

Distance Is Not Just Reach. It Is Control.

A safer push/pull tool must do more than create physical distance. It must support practical control — in real conditions, under real industrial loads, by real workers.

What the Tool Must Support

- Standing in a safer position
- Avoiding instinctive hand contact
- Maintaining better posture
- Creating a controlled tool-to-load interface
- Reducing exposure during the final few inches
- Working confidently in restricted spaces

"The tool becomes the interface. The hand no longer needs to be the contact point."

Why Appearance Is Not Engineering

In industrial safety, a tool that looks similar to another tool is not necessarily equivalent. The difference lies in design intent, field performance, and understanding of the task.

A copied tool may resemble the shape. But industrial safety depends on understanding the task, the load behaviour, the worker posture, and the hazard zone — not just the outer profile.

ON IMPROVISED TOOLS

Workers using pipes, rods, hooks, or other improvised tools to guide loads are creating new hazards — unpredictable failure behaviour, incorrect force transfer, and uncontrolled contact geometry.

PSC LoadGuider® was developed from field observation, industrial deployment, and continuous performance iteration — not from a catalogue photograph.

THE BIGGER IDEA

Engineer the Hand Out of the Hazard™

Traditional hand safety often begins with PPE. Gloves matter. But gloves do not eliminate exposure when the worker's hand is still placed on a moving load, a heavy component, or a pinch point.

PSC LoadGuider® approaches the task differently.

Instead of asking:

"What glove should the worker wear while touching the load?"

It asks:

"Why does the worker's hand need to touch the load at all?"

That question changes the safety conversation. It moves the focus from protection after exposure to reduction of exposure itself.

"In high-risk load handling, the safest hand is often the one that does not need to be near the load."

PSC LoadGuider® Is Built For

- Push/pull load guidance
- Final load positioning
- Heavy component alignment
- Restricted-area handling
- Maintenance and shutdown work
- Safer distance control

THE METHOD

PSC LoadGuider® gives the worker reach, control, and separation — making the tool the contact point so the hand does not have to be.

*Guide the task. Control the load.
Keep the hand out of the hazard.*