



INDUSTRIAL SAFETY — LOAD CONTROL

PSC Load-it® Not a Lifting Tool. Every Rigger's Assistant.

Engineered push/pull load control for restricted and high-risk industrial areas — keeping hands away from the hazard during the most exposed stage of load handling.

"In many industrial lifting operations, the most dangerous moment does not happen when the crane first lifts the load. It happens later — when the hand becomes the control point."

THE REAL RISK IN LIFTING OPERATIONS

When the Hand Becomes the Control Point

Workers are trained in PPE, crane communication, and load awareness — but when the suspended load needs its final correction, the hand often still enters the danger zone.

The load is already suspended.

The crane is moving slowly.

The operator is almost in position.

The rigger steps closer.

A final correction is needed.

And suddenly, the hand becomes the control point.

This is one of the most overlooked realities in industrial hand safety. Workers are trained to wear gloves, helmets, safety shoes, and reflective clothing — yet when the suspended load needs to be guided, aligned, corrected, or positioned in the final few inches, the worker's hand often still enters the danger zone.

"A suspended load does not need to be falling to injure someone. A slow-moving load can still trap a hand, crush fingers, strike a worker, or pull the body into an unsafe position."

Why the Final Correction Is the Highest Exposure

In real lifting operations, the load rarely moves perfectly. It swings slightly. It rotates. It drifts. In confined or restricted industrial areas — between equipment, walls, vehicles, columns, furnace areas, ladles, or casting zones — the instinct is simple: reach out and correct the load by hand.

That instinct is common. But it is also where many pinch, crush, impact, and line-of-fire risks begin. The final correction may look routine, but it often carries the highest exposure.

THE CORE INSIGHT

PSC Load-it® is designed to shift the worker's role from hand contact to tool-mediated control. The hand no longer needs to be the contact point. The tool becomes the control interface.

WHAT PSC LOAD-IT® DOES

Purpose-Built, Not Generic

PSC Load-it® is a push/pull tool for controlled load positioning during crane and overhead lifting operations. It is not a lifting device, not a generic pole, not a simple hook on a stick.

It helps workers:

- Guide suspended loads from a safer distance
- Push or pull loads during final positioning
- Improve alignment of heavy components
- Maintain separation from pinch and crush points
- Reduce direct hand contact with moving loads
- Work safely in restricted-access areas
- Control loads in furnace, ladle, and casting environments

"PSC Load-it® does not replace safe lifting practices. It supports them."

WHY NOT JUST ANOTHER POLE?

The Difference Is in the Engineering

In industrial safety, appearance is not engineering. The real difference lies in how the tool behaves in the field:

Can it help maintain distance?

Can it support controlled positioning?

Can the worker use it without awkward posture?

Can it help avoid hand entry into the hazard zone?

Can it behave predictably when force is applied?

PSC Load-it® was not developed from a catalogue photograph. It was developed from field observation, industrial use, feedback, and continuous performance iteration — years of exposure to actual rigging, crane, fabrication, heavy component, furnace, and restricted-area handling tasks.

ON COPIED TOOLS

A copied tool may look similar, but may not carry the same understanding of application, load behaviour, contact geometry, worker posture, failure behaviour, or safety intent.

ENGINEERING SPECIFICATION

Safety by Design

PSC Load-it® is built around a simple principle: the tool should help protect the worker when the task becomes difficult, not only when the task is easy. In real industrial environments, force is not always predictable.

~300 kg

Rated Push/Pull Capacity



Integrated Breakaway Safety Pin



Defined Failure Behaviour

"An overly rigid or poorly designed tool may transfer unexpected force back to the worker. A no-touch tool should not simply be strong — it should be appropriate."

WHERE IT IS USED

Typical Applications

Crane and overhead lifting operations

- Guiding and controlling suspended loads while maintaining safer distance.

Heavy component alignment

- Final positioning of fabricated structures, machinery parts, frames, beams, sections, and assemblies.

Restricted-access areas

- Push/pull control where the worker cannot safely stand close to the load.

Furnace, ladle, and casting environments

- Load steering where heat, heavy metal, and limited access increase risk.

Plant maintenance and shutdown work

- Controlled movement of components during repair, replacement, or installation.

IN ALL APPLICATIONS — THE SAME OBJECTIVE

Keep the worker out of the pinch zone. Keep the hand away from the moving load. Make the tool the contact point.

THE BIGGER IDEA

Engineer the Hand Out of the Hazard™

Traditional hand safety often begins with PPE. Gloves are important — but they do not remove the hand from the danger zone. PSC Load-it® addresses the task differently.

"Instead of asking, 'What glove should the worker wear when 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.

Built from Field Reality

Industrial workers are practical. They know when a tool is useful and when it is just another safety item added to the job. PSC Load-it® was developed for real use, not for display — simple enough for daily work, strong enough for industrial environments.

"The best safety tools do not complicate the task. They make the safer method easier to perform."

What the Tool Gives the Worker

It gives the worker reach.
It gives the worker control.
It gives the worker separation.
It gives the task a safer interface.

A LOAD-CONTROL TOOL SHOULD BE JUDGED BY

Its design intent · Field performance · Defined behaviour under force · User posture · Application suitability · Its ability to support safer work methods.

PSC Load-it® has been developed through real industrial deployment, performance iteration, and practical field understanding. It is not just a shape — it is a method.

PSC Load-it®

Not a lifting tool. Every rigger's assistant.

Built for controlled positioning · Restricted industrial areas · The final few inches where hands are most at risk.