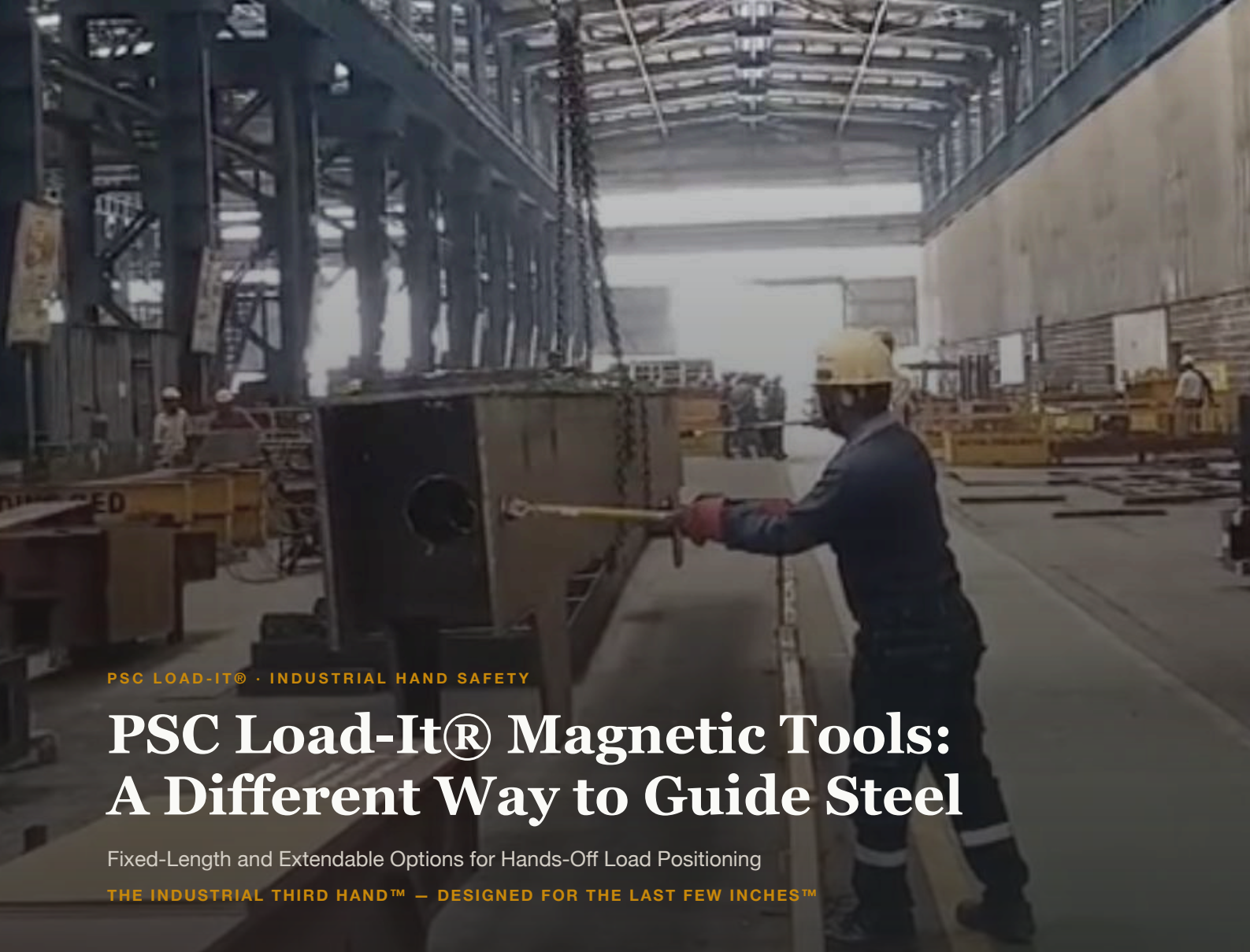




PSC LOAD-IT® · INDUSTRIAL HAND SAFETY

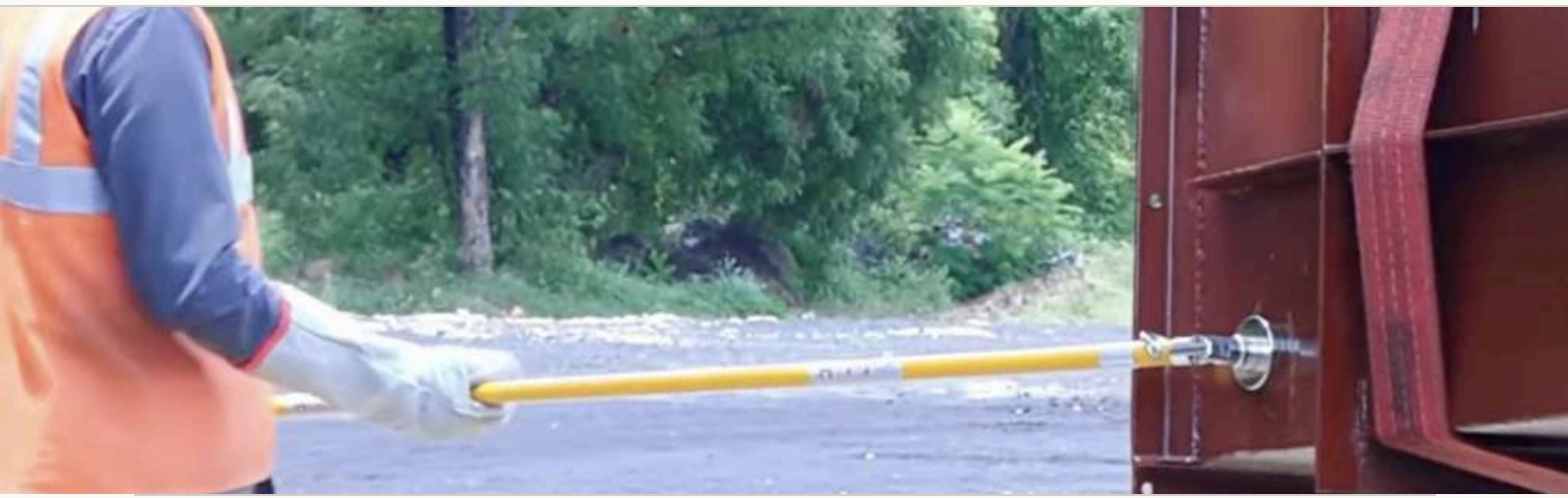
PSC Load-It® Magnetic Tools: A Different Way to Guide Steel

Fixed-Length and Extendable Options for Hands-Off Load Positioning

THE INDUSTRIAL THIRD HAND™ — DESIGNED FOR THE LAST FEW INCHES™

A steel load approaches its landing point. The crane operator is attentive, the rigging is sound. In the final correction — the last few inches of position — a worker reaches forward. The hand moves towards the load to steady it, turn it or bring it into alignment. This moment is not unusual. It is routine. And it is where hand exposure is created.

PSC Load-It® Magnetic Tools address this moment directly. The magnetic head establishes contact on a suitable steel face where a conventional hook, sling or push/pull head may lack an accessible edge or opening. The result: a controlled positioning movement with the worker's hands clear of the engagement point.



PSC Load-It® magnetic tool in outdoor structural steel positioning task

WHY MAGNETIC ENGAGEMENT MATTERS

Contact on a Clean Steel Face

Broad steel surfaces — plates, structural sections, fabricated assemblies, equipment casings — rarely offer a convenient handle, opening or accessible edge for a conventional head. The magnetic head provides an additional engagement interface precisely where these surfaces present themselves: flat, firm and ferrous.

Magnetic engagement is not equivalent in every direction. Pushing against a magnetised surface is different from maintaining engagement during a guiding or pulling movement. Both are available functions, but the relevant direction, force and application must be assessed. The value is not simply magnetic strength. It is *useful engagement, suitable reach and controlled positioning*.

Find The Hand™ — Four Questions Before the Lift

01

FIND THE HAND

Identify where the worker's hand enters the task — near the load, near the rigging or at the landing point.

02

ASK WHAT IT DOES

Understand what the hand is actually doing: steadying, turning, guiding, aligning or correcting position.

03

NAME THE EXPOSURE

Identify the specific hazard: pinch point, crush zone, impact, line-of-fire or contact with a moving edge.

04

ENGINEER IT OUT

Select a suitable tool and method. Remove the hand from the exposure. PSC Load-It® provides the reach and the contact point.

"The tool performs the contact function that would otherwise draw the worker's hand towards the pinch point or closing gap."

THE FIXED-LENGTH RANGE

Six Lengths. One Consistent Engagement Interface.

Where the working reach is known and the task is repeated at a consistent workstation, a fixed-length magnetic tool offers a straightforward choice: a dedicated configuration, balanced for that specific reach, requiring no adjustment before use.

PSC Load-It® fixed magnetic tools are available in six standard lengths — the MG range. Selection follows the access geometry, the required standoff from the load, the operator's assessed working position and the available handling space. A longer pole provides greater reach but requires a larger operating envelope. A shorter configuration may suit confined access where a longer pole cannot be managed safely.

Each model in the standard fixed range carries a stated magnetic holding-force specification of 550 lb under the relevant test conditions. This figure refers to magnetic holding force only — it is not a lifting capacity, a permissible load weight or a guaranteed operating force on every surface. Confirmed lengths for each model reference are available from PSC's product documentation.



Close engagement — PSC magnetic head in heavy manufacturing

FIXED-LENGTH SPECIFICATION PANEL — PSC LOAD-IT® MAGNETIC RANGE

PSC-LIT-MG002	PSC-LIT-MG004	PSC-LIT-MG006	PSC-LIT-MG008	PSC-LIT-MG010	PSC-LIT-MG012
Confirm length from PSC documentation	Confirm length from PSC documentation	Confirm length from PSC documentation	Confirm length from PSC documentation	Confirm length from PSC documentation	Confirm length from PSC documentation
550 lb holding force	550 lb holding force	550 lb holding force	550 lb holding force	550 lb holding force	550 lb holding force

550 lb refers to magnetic holding force under stated test conditions. Not a lifting capacity or load weight. Verify configuration-specific lengths and performance with PSC documentation. Head geometry and compatibility vary by configuration.



Fixed magnetic tool guiding steel plate stack — crane-assisted operation

THE EXTENDABLE OPTION

Variable Reach Where Access Changes

Where the working reach changes between tasks, or where a shorter stored and transported length is useful, the extendable option addresses what a fixed pole cannot: the need to adapt to different standoff distances from a single tool.

The PSC Load-It® extendable magnetic tool — model FG008 — adjusts between 4 and 8 feet. Before force is applied, the reach must be set to the required length and the locking mechanism secured according to the tool's instructions. Operation without correct locking is not an appropriate working method.

The FG008 carries a stated magnetic holding force of 275 lb under the relevant test conditions. The extendable design does not make this tool automatically stronger, safer or superior to a fixed pole. Each configuration is a choice suited to different operating requirements.



PSC Load-It® in use during crane-assisted positioning — industrial facility

FG008

Adjustment range: 4–8 ft | **Magnetic holding force:** 275 lb (stated, test conditions)

Set reach before engagement. Lock mechanism before applying force. Confirm surface suitability for the magnetic configuration. Consult PSC instructions for the specific assembly.

CONSIDERATION	FIXED-LENGTH (MG RANGE)	EXTENDABLE (FG008)
REACH	Known, repeatable — selected at purchase	4–8 ft variable; set and lock before use
SETUP	No adjustment; ready to use as configured	Reach must be set and locking secured
STORED LENGTH	Full pole length at all times	Compact retracted length for transport and storage
HOLDING FORCE	550 lb (stated, test conditions)	275 lb (stated, test conditions)
BEST SUITED TO	Repeated tasks at consistent working reach	Variable access; multiple standoff distances
BOTH REQUIRE	Task assessment · Surface verification · Operator outside hazard zone · Configuration-specific instructions	



Left: Magnetic engagement at steel coil mill. Right: Guiding steel angle sections — fabrication hall.

GLOBAL INDUSTRIAL APPLICATIONS

- Steel Fabrication & Structural Assembly**
Guiding, orienting and positioning fabricated sections and structural components during crane-assisted assembly operations.
- Steel Processing & Plate Handling**
Steadying and directing steel plate and sheet during crane lifts, coil handling and plate processing operations on suitable ferrous material.
- Shipbuilding & Ship Repair**
Positioning steel panels, blocks and structural members during hull construction and repair where flat steel faces are accessible.
- Heavy Manufacturing & Equipment Installation**
Guiding machine components, housings and structural frames during crane-assisted installation and maintenance tasks.
- Ports, Yards & Industrial Logistics**
Handling suitable ferrous material at ports and storage yards where loads require guidance during the final positioning movement.

All applications require hazard and suitability assessment. Not all steel grades, coatings or geometries are compatible. Verify with PSC guidance.

UNDERSTANDING THE FORCE FIGURES

TECHNICAL NOTE — MAGNETIC HOLDING FORCE

"The 550 lb standard and 275 lb extendable specifications refer to magnetic holding force under specified test conditions. They are not lifting capacities, permissible load weights or guaranteed operating forces on every surface."

Actual engagement depends on:

- | | | |
|----------------------------|------------------------------|----------------------|
| — Material and steel grade | — Steel thickness | — Surface flatness |
| — Paint & coatings | — Rust, scale, contamination | — Magnet-surface gap |
| — Direction of force | — Temperature conditions | — Load movement |

Temperature suitability of the magnetic configuration must be verified separately. The high-temperature capability of stainless-steel mechanical heads does not transfer to magnetic tools. Do not apply temperature ratings from one configuration to another without verification.



PSC Load-It® magnetic tool — guiding a suspended fabricated steel assembly, final positioning phase

ENGINEERING & SUPPLIER SUPPORT

The Complete Assembly Matters

Selecting by magnetic-force number alone is an incomplete basis for procurement. The relevant assessment covers the complete assembly: the magnet, its mounting, the head geometry, the connection method, the pole material, the grip and — for the extendable model — the extension lock and its correct operation.

PSC Load-It® magnetic tools are configured as complete assemblies, not loose components. Application suitability, documented specifications and engineering support are all part of the selection and supply process. Buyers are encouraged to assess these alongside the force figure, not instead of it.

PSC Load-It® supplements — and does not replace — the crane, lifting equipment, taglines, rigging plan and required exclusion zones. The tool addresses one specific, recurring exposure: the need for human contact at the last point of positioning.

DESIGNED FOR THE LAST FEW INCHES™

The recurring scenario is recognisable across lifting, fabrication and maintenance operations. A load approaches its landing point, and the final correction requires contact with the steel face. A tagline cannot do it. The crane hook cannot do it. A worker's hand can do it — and this is precisely the exposure that PSC Load-It® is designed to address.

Guiding a load towards its landing point. Steadying an appropriate movement. Correcting orientation. Positioning against a reference. Helping alignment without direct hand contact at the closing gap, the pinch point or the moving edge.

"The Industrial Third Hand™" moves the contact point away from the worker's hand, to the end of a pole, at a controlled standoff, for the task that requires it most.

*"Find the hand. Match the contact.
Select the reach. Guide with PSC Load-It®."*

Send PSC the Task. We Will Recommend the Configuration.

For an application assessment, provide: a photograph of the task · material and surface details · the movement required (guide, steady, turn, position) · working reach and access geometry · temperature and operating conditions.

PSC Load-It® magnetic tools are available direct and through authorised distributors worldwide.

PSC reports more than 2,000 Load-It® tools deployed worldwide across lifting, rigging, fabrication, steelmaking, process plant and maintenance operations.

pschandsfree.com · Send application details to PSC