



PSC Hands Free

Safety engineering

Engineer the Hand Out of the Hazard™

Hands-free safety tools and application engineering for lifting, rigging and industrial material handling. An introduction to how PSC works and what we make.

About PSC

17 years of hand-safety engineering.

PSC exists to change one behaviour at the centre of industrial hand injuries: using the human hand as the tool that guides, holds, aligns, retrieves or positions the load.



Two-point suspended-load control with PSC tools.

The Human Hand Is Not a Tool™

Industrial tasks still depend on hands entering the final gap between worker and load. PSC engineers that contact out.

We begin with the operation, not a catalogue. We study where the hand enters, why it enters and what control the worker needs.

One principle, many answers

The answer may be a push/pull tool, a magnetic interface, a tubular-handling tool, a tagline solution or a task-specific working end.

The principle stays constant: transfer the contact from hand to tool while preserving practical control of the task.

2009

Hand-safety engineering since

40+

Countries served

70+

Industrial applications

3

Operating regions: India, UAE, USA

The exposure

The load moves. The hand should not be the interface.

Many tasks are mechanised until the final placement, alignment or release. Then a hand re-enters to finish the movement.



Hand to Load

Direct contact. Hands enter the crush zone to guide and steady the load.



Hand to Tool to Load

PSC control. The movement stays controlled while the worker remains outside the immediate hazard.

Six places the hand enters

Suspended loads

Hands guiding, steadying or aligning during movement and landing.

Pinch and crush

Hands between moving steel, fixed structures or closing components.

Tubular handling

Hands exposed to rolling, rotation and stored movement.

Ferrous loads

Hands pushing or pulling directly against suitable steel surfaces.

Manual handling

Hands used as temporary supports, guides or positioning devices.

Striking tasks

The holding hand placed close to hammering, flogging-spanner, punch or chisel work.

The objective is not simply more reach. It is to transfer required contact from the hand to a purpose-built tool while preserving control of the task.

The PSC method

Find The Hand™

Before selecting a tool, identify the exact moment the hand becomes the interface with the load, and why it enters.

Most hands-on contact is not random. The hand enters to perform a specific function. Name that function first; only then can the operation replace it.

Guiding

Holding

Aligning

Retrieving

Positioning



Real task. Selected distance. Purpose-built working end.

1 Look

Watch the full operation. Find the moment a hand touches, follows, steadies or reaches towards the load.

2 Think

Identify the hand's function, the likely movement and the position from which the worker should control it.

3 Act

Change the method, add distance and select an interface that transfers required contact from hand to tool.

300mm

The Last 300 mm Rule™

The final gap matters most. FindThe Hand™ focuses attention on that last manual interface: the placement, alignment or release where a hand re-enters a task that was otherwise controlled.

The 3-minute test

Pause before the task starts. Five questions expose where the method still depends on a hand.

Site / area

Date

Task

Reviewed by

1 Where does the hand enter?

Identify the exact point of contact, not the general work area.

2 What is the hand doing?

Guiding, holding, aligning, retrieving or positioning?

3 What could move?

Consider swing, roll, drop, rotation, stored energy and closing gaps.

4 Where should the worker stand?

Choose the control position before choosing the tool length.

5 What can become the interface?

Change the method or transfer contact to a suitable tool.

Outcome

☐ Change the method

☐ Add working distance

☐ Select a tool interface

☐ Send to PSC for task review

For a task review, send photographs or video of the operation to sales@pschandsafety.com.

Seven routes to engineered distance.

PSC tools are organised around the control the worker needs. Start with what the hand is doing, then choose the family.

Family	What the hand is doing now	PSC tools	Page
Push/pull load control	Guiding, pushing, pulling or positioning suspended and moving loads	PSC LoadGuider® Push/Pull Tool, PSC Guide-It® Push/Pull Tool, Load-It®	7
Magnetic load control	Pushing or pulling directly against suitable steel surfaces	Load-It® MagHead	8
Tubular handling	Grabbing, guiding and landing pipes and cylindrical loads	TubularGuider®	8
Taglines and retrieval	Steadying swing by hand, or reaching for a hanging tagline near the load	PSC LoadGuider® Anti-Tangle Tagline, PSC SafeGuider® Anti-Tangle Tagline, PSC Guide-It® Safety Rigger Tagline, Tagline Retriever Tool, PSC SafeGuider® Tagline Retriever, TRT-3P	9–10
Hands-off tools	Holding a spanner, chisel or punch beside the strike	PSC FingerSaver, PSC Chisel & Punch Holder	11
Manual handling	Gripping awkward loads, bending and using fingers as lifting points	PSC Lift Assist, EZY-Lift, Handle-Tech, GasGrab	12
Custom tool engineering	A task no standard working end fits	Task-specific heads and interfaces	13



One platform. Many interfaces.

Select the distance. Match the head. Control the task. PSC combines jacketed fibreglass shafts with application-specific working ends for positive, practical load control.

Also from PSC: RiggerSafe® push/pull tools at www.riggersafe.com

Move the load. Keep hands off it.

A push/pull tool moves the control point away from the worker's fingers, hands and feet. Choose the working end first, then the reach.



Structural load control from stand-off distance.

PSC LoadGuider® Push/Pull Tool

A lightweight push/pull tool for guiding, positioning and retrieving around suspended-load operations while maintaining stand-off distance.

Grip	Non-slip D-handle
Part numbers	PSC-LG-21, 42, 50, 72, 96
Used for	Positioning heavy loads, controlling slung loads, retrieving taglines, manoeuvring drill pipe and tubulars

PSC Guide-It® Push/Pull Tool

A fibreglass-pole, nylon-head tool for spotting, positioning and guiding suspended loads without direct hand contact.

Build	Fibreglass pole, durable nylon head, non-slip D-handle
Part numbers	PSC-GIT-21, 42, 50, 72, 96
Used for	Push loading, pull guidance, spotting, tubular and suspended-load positioning

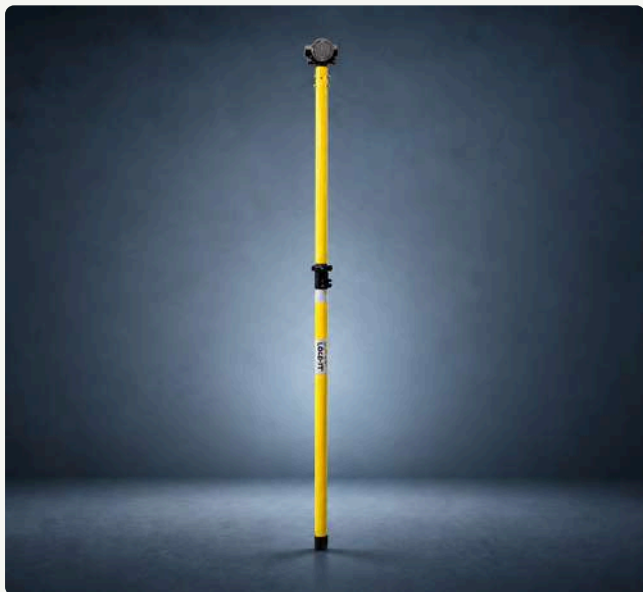
PSC Load-It®

A configurable push/pull platform that separates the pole from the working-end choice, so the interface is selected around the task.

Heads	S, M, J, T, L and angled magnetic
Used for	Suspended-load handling, steel fabrication, loading and unloading, tagline, sling, pipe and tubular handling

Define the engagement point and the movement first. Select the head profile and length only after that.

Engage the steel. Grip the tubular. Keep your distance.



PSC Load-It® MagHead

An extendable magnetic push/pull tool for controlling suitable steel objects without placing hands on the load.

Reach	Extends from 4 to 8 ft, fibreglass body, secure locking
Head	Magnetic head rated over 275 lb, 180-degree swivel
Part number	PSC-LIT-MG-FG008
Used for	Steel fabrication, crane operations, foundries and metalworking, valve and general material handling



PSC TubularGuider®

A strap-based push/pull tool for grabbing, guiding and landing pipes or suspended tubular loads, with release from a safer position.

Build	Aluminium shaft, non-slip grip, strap interface
Release	Spring-loaded cable and drop-slide release
Lengths	3, 4 and 5 ft: PSC-TG-36, 48, 60
Used for	Grabbing tubulars, guiding pipe into position, landing and moving suspended pipe

Confirm steel suitability, surface condition and engagement orientation for magnetic tools, and tubular geometry, strap fit and release method for TubularGuider®.

Taglines

The load moves. The worker must not become the restraint.

A tagline transfers the guiding function from hands on the load to a controlled line at distance. Choose by construction and connection, not colour.



**PSC LoadGuider®
Anti-Tangle Tagline**



**PSC SafeGuider®
Anti-Tangle Tagline**



**PSC Guide-It®
Safety Rigger Tagline**

	PSC LoadGuider® Anti-Tangle Tagline	PSC SafeGuider® Anti-Tangle Tagline	PSC Guide-It® Safety Rigger Tagline
Construction	18 mm system: 12 mm SK75 synthetic rope with a 6 mm core and woven protective outer sheath.	High-visibility, shape-retaining coated line	14 mm polyester line
Lengths	10–45 ft, colour-coded eyes	10–40 ft	Four lengths, PSC-GISRT series
Connection	Optional 50 mm twist-lock carabiner	—	Swivel hook with a 25 kN component rating, 2-inch gate opening and integrated safety latch.
Strengths	Tangle and abrasion resistant, wet grip, washable	Visible in low light, chemical and UV resistant, easy coiling	Quick, secure attachment; follows changes in load orientation

A tagline is not a substitute for lift planning, exclusion zones or an approved lifting procedure. Never use the body to steady a suspended load.

Tagline retriever tools

The tagline is close to the load. The worker should not be.

A retriever transfers the reach function from the worker's body to a purpose-built tool, for taglines that cannot be reached without moving toward the suspended load.



PSC Tagline Retriever Tool

An adjustable retriever with a hook end for tagline access and a rubber buffer for controlled guiding.

Ends	Hook and rubber buffer
Part no.	PSC-TRT



PSC SafeGuider® Tagline Retriever

A fixed-pole tool combining tagline retrieval with load guidance.

Build	Ash hardwood pole, serrated cast-aluminium S-head (C-head available), sand-dipped grip
Part nos.	PSC-STGT-24, 36, 48, 72, 96



PSC TRT-3P

An extendable retriever for taglines beyond routine reach.

Reach	6–12 ft, locks in 6 in increments
Build	Fibreglass main shaft, square aluminium extension
Testing	Push/pull tested to 175 lb applied force

TRT-3P is not for use near energized power lines. Confirm reach, operator footing and overhead clearance before use.

Hands-off tools

The striking hand moves. The holding hand takes the risk.

Hands-off tools replace direct finger placement with a deliberate holding interface. Selection begins with what must be held.



PSC FingerSaver in use.

PSC FingerSaver

Keeps the holding hand away from hammer impacts on flogging spanners and from pinch points around impact-wrench work.

Sizes	Compact 295 mm, Standard 350 mm, Long 850 mm
Part nos.	PSC-FS-295, 350, 850
Grip	Non-slip, vibration-absorbing rubber



PSC Chisel & Punch Holder

An adjustable holder that gives a separate grip for compatible chisels and punches, so fingers stay away from the struck end.

Format	Adjustable holding interface
Part no.	PSC CPH
Used for	Metalworking, construction, chisel and punch work

Confirm the item being held, the direction of force and the hand position required before introducing the tool.

Awkward loads turn fingers into lifting points.

A defined lifting or carrying interface improves the grip position before the load leaves its support.



PSC Lift Assist

Manual lifting aids for smaller heavy items, reducing bending and direct gripping.

Part nos.	PSC-SH-100, DH-100, CV
Used for	Pipe sections, tubing, ironwork, pup joints, fishing tools, deck cargo



PSC Ezy-Lift

A rubber-coated lifting interface used as a pair, one operator at each end of a suitable small pipe section.

Build	CNC-machined plate, rubberised coating
Part no.	PSC-EZL

PSC Handle-Tech

A locking carrying handle that clamps around hose or pipe, so it can be moved from a natural standing position.

Diameters	3–3.75 in, 4–4.75 in, 6–6.75 in
Part nos.	PSC-HTL-002, 004, 006
Used for	Drilling-mud, suction, vacuum-truck and fuel hoses

PSC GasGrab

A die-cast aluminium frame with rubber lining that gives a defined grip around compatible gas cylinders.

Cylinders	215, 230, 235, 254 and 267 mm diameter
Weight	Under 2 kg, warm-touch coating
Part no.	PSC GG

Match the tool to the load geometry and follow the site's approved manual-lifting limits.

The load isn't standard. Why should the tool be?

Share the operation. PSC will match an existing solution or engineer the required head and interface around the load geometry and movement.



Applications shape the tool.

1 Task

We study the load, the movement and where the hand currently enters.

2 Interface

We define the working end around load geometry, material and the direction of force.

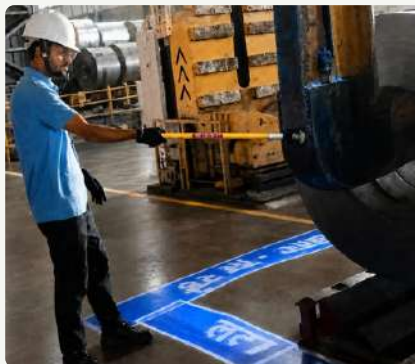
3 Tool

We match an existing PSC tool or engineer a task-specific head and length.

Tools in use, not in theory



Coil positioning



Field application



Cylindrical component control

Start with the operation

Show us where the hand enters.

Send photographs or video of the task. PSC will identify the exposure, determine the working distance and recommend an existing or task-specific solution.

1

Record

Capture the full load, access area, worker position and the point where hands make contact.

2

Explain

Tell us whether the hand guides, holds, aligns, retrieves or positions, and what may move unexpectedly.

3

Review

We review working distance, geometry and interface before discussing an existing or custom approach.

Send your task to

sales@pschandsafety.com

Remote first: we begin with photographs, video and operating context. If deeper site observation is needed, we discuss the next step with your team.

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