



HANDS-FREE LIFTING & HANDS-OFF TOOLS

PSC HAND-OFF TOOLS CATALOGUE 2019



www.projectsalescorp.in

intro.

Project Sales Corp is pleased to introduce several products in Indian markets that will help eliminate hand and finger injuries while handling suspended loads and performing various tasks in the workplace.

Please feel free to circulate this presentation on the concept, evolution, strategies in hands-free lifting and hands-off tools to your colleagues who might benefit from the use of this.



about**us.**

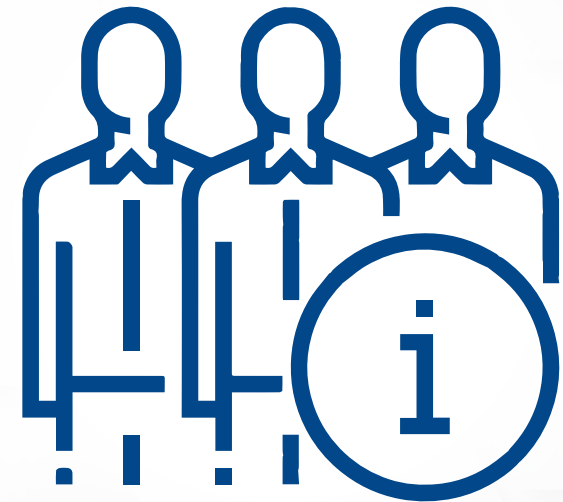
We are India distributors for the most exhaustive range of products that helps minimize/eliminate hand injuries in the workplace. Our focus is on the offshore and onshore drilling rigs and oil and gas industry where a huge amount of lifts are performed.

It's a very challenging environment due to rig movements, confined areas, wind effects, etc.

We stock

- **Impact Protection Gloves** - KONG™, Mechanix®, HexArmor®, Ringers, Superior Gloves, MCR;
- **Hands-off Tools** - PSC FingerSaver, PSC Shove-It, PSC SafeGuider & Tagline Retriever Tool, PSC LoadGuider Taglines, PSC Lift Assist, PSC SafeGuider, PSC TubularGuider and many more in India.

Unlike other safety suppliers, our efforts is focused on improving hand safety in workplaces



our clients.

We are known by the company we keep! Some of our Oil & Gas Customers.



productrange.



A Project Sales Corp Product

The Hands-off Safety Tool

**MANOEUVRE
LOADS SAFELY**

SAFEGUIDER™
A Project Sales Corp Product

**PSC SAFEGUIDER
HIGH-VIZ
ANTI-TANGLINE TAGLINES**



RIGTOOLS



Fingersaver 
Safety For Your Fingers

PSC ShoveIt™



What is Hands-Free Lifting ?

Personnel not touching a suspended load (with any part of the body) that is connected to a mechanical lifting device is Hands-free lifting.

That is any load that is being lifted or before the load is properly set down and all potential energy is released

Why Hands-Free Lifting ?

Hands injury represent over 50% of all injuries in the workplace.

Many injuries can be minimised if not eliminated with the use of the safer methods of handling suspended loads and use safer lifting apparatus, work practices and tools.

The objective of hands-free lifting is to eliminate hand and finger injuries by removing them from the energy source – and avoid all caught between, struck-by and struck-against incidents.

Hands and fingers represent a tool that enables you to do wonderful things with them, and unfortunately there are no spare parts for these if you damage them.



Evolution of Hands-Free Lifting ?

- » 2008 – Transocean in Gulf of Mexico
<https://www.youtube.com/watch?v=kFjV3rMGIpA>
- » 2009-10 – Adopted by Songa, Atwood and Diamond in Australia
- » 2011 – Adopted by Stena Drilling, Santos and others including Noble Drilling
https://www.youtube.com/watch?v=g_dntNNG7BU
- » 2014 – PSC brings in several innovative hands-free lifting tools and devices to India market
- » 2014-15 – Now part of progressive and safety oriented oilfield companies in India including Schlumberger, Halliburton, Vantage, Transocean and others
- » 2016-17 – Extended range of Hands-Free Safety Tools for Indian markets



How can we help you ?

Since 2008, Project Sales Corp has focussed its effort in bringing in products that can help minimise if not eliminate hand injuries in the oil and gas industry.

Starting with KONG Original Impact Protection Glove in 2008, it has expanded its product portfolio to deliver the most exhaustive range of impact protection gloves, chemical handling gloves, hands-off tools like PSC FingerSaver and PSC Chisel and Punch Holders, PSC LoadGuiders, PSC Shove-it Push/Pull Poles, Tagline Retriever Tools, PSC SafeGuider & Tagline Retriever Tool, PSC Lift Assist and more.

Today we service several dozen oilfield companies across India delivering products and solutions just-in-time from our inventory of hand-free lifting products, hands-off tools and impact protection gloves.

We sell direct and through several channel partners focussed on the oil and gas industry.

Choose us as your preferred supplier in your hand safety programs and we will partner you in your efforts to mitigate risks and eliminate hand injuries.

No one Protects Your Hands, As We Do



Mitigate Hand Injuries.

Before we take you through the Project Sales Corp product range of hands-free and hands-off tools it's important to note where these products are to be used as a defence against hand injuries. Prior to use of the products please study ways to identify all possible hazards that can cause hand injuries and follow a hierarchy of control to remove the potential hazard :-

- Eliminate the hazard
- Substitute or Replace the process with a less hazardous one
- Redesign the equipment, work or process

Hierarchy of Control

Applying the hierarchy of control to the problem.

1. The complete elimination of the hazard.
2. Replacing or substituting the material or process with a less hazardous one.
3. Redesign the equipment or the work process.



Hierarchy of Control

**ELIMINATE
SUBSTITUTE
REDESIGN**



**PROJECT
SALES CORP**

PSC Product Range

When these controls are not practical and tasks must be performed, please see our product range that can help minimise/if not eliminate hand injuries in the workplace with focus on hands-free lifting and guiding suspended loads and hands-off tools that help keep hand away from impact zones.

Our product range include,

Taglines

- PSC LoadGuider Anti-Tangle Tagline
- PSC Rigtools Tagline
- PSC SafeGuider High-Viz Anti-Tangle Taglines

Tagline Retriever Tools

- PSC Tagline Retriever Tools (TRT)
- PSC TRT – 3P Extendable
- PSC SafeGuider & Tagline Retriever Too

Hands-Off Tools

- Fingersaver
- PSC Chisel and Punch Holder
- PSC Lift Assist Manual Lifting Aids
- PSC SafeLift

Push/Pull Poles

- PSC LoadGuider Push/Pull Tool
- PSC Shove-It
- PSC TubularGuider
- PSC Guide-It



Never touch a suspended load with any part of your body.

The most important tool that money can't buy from Project Sales Corp is the Tool #1 – The Correct Mindset. Accepting and letting go the natural reaction to go close and hold the rigging in place until the tension is taken up to make sure the load is properly slung and balanced needs to be changed. Remember the most hazardous part of a lifting operation is lifting off and landing and its important you are as far away from the load as possible.



Taglines

Taglines are otherwise known as a guide line, guide rope, end line, strap lines or pay off lines depending on which part of the world you are in but the most common term for use of a piece of rope is “Tag line”.

Tag lines or restraint lines must be used when rotation or swinging of the load is or may become hazardous or if the load needs guidance. In brief, loads requiring continuous manual guidance while in motion shall be provided with tag lines, and required tag lines must be used “on loads likely to swing or which need guidance.”

When must Taglines be used?

Taglines must be used whenever any of the following occur:

- 1) The load suspended by the crane in a static (non-moving) condition swings, or is likely to swing back and forth (due to wind or other external factors), creating a control hazard. Not only for the crane operator and banks man, but a landing and placement hazard.
- 2) The movement of the crane or boom causes, or is likely to cause the load to swing out of control, creating a hazardous condition.
- 3) The load rotates, has rotated, or is likely to rotate in such a manner as to be out of control, creating a hazardous condition.



Tagline Materials - PP Ropes

Most commonly used material for a tagline is a polypropylene rope. However this has several disadvantages,

- They tend to wrap around objects.
- They get caught in pinch points.
- The bottoms fray and are the knotted to stop the fraying causing the line to catch.
- They get slick when worn, wet or dirty with grease.

FACT CHECK -

While lifting a load, a PP rope tagline wrapped around the left leg of a worker. The crane operator lifted the load, pulling the worker up 15-20 feet off the deck of the workboat until the tagline broke. The worker landed on his back on top of a basket. He was transported to the hospital and was later released back to work (light duty).



PSC LoadGuider Tagline Anti-Tangle Tagline | For Hands-Free Lifting Operations

Project Sales Corp has brought in the PSC LoadGuider™ safety tangle free Taglines to solve the problems associated with the use of PP ropes. These taglines are specifically designed for the hands free lifting applications. PSC LoadGuiders are tangle resistant as the centre rope is wrapped with an outer layer of smaller diameter rope. This resists the tagline turning on itself and wrapping around objects or people. PSC LoadGuider Taglines are designed not to catch on pinch points, as there are no knots or raised surfaces. These are made in Iceland in technical cooperation with a major drilling operator.



THE PSC  LOADGUIDER
ANTI-TANGLE TAGLINES

STRONG AS STEEL. LIGHT AS A FEATHER

PSC  | PROJECT
SALES CORP

The PSC LoadGuider Anti-Tangle Tagline - Stronger than steel, light as a feather

Now guiding a suspended load is easier, safer and faster !

PSC LoadGuider Taglines are tangle resistant as it is designed with a rigid core and stiff cover braiding to prevent any turning on itself and wrapping around objects. The patented Helix spiral effect increases grip in wet and slippery conditions. The PSC LoadGuider Safety taglines are designed not to catch on pinch points, as there are no knots or areas to snag. Inside the Helix cover is Dynex 75 fibres giving them exceptional strength make it very lightweight for operator handling.

A twist lock carabineer 50 mm gate opening as per ANSI Z359.12 can now be purchased for use with the PSC Taglines

KEY FEATURES –

- Made from SK 75 12 mm with 6 mm core (18 mm) Synthetic Rope Offering Remarkable Strength and Light Weight
- Weaved Over Braided Cover to Prevent Abrasion
- High visibility yellow color and colour coded Eyes for various lengths
- Helix spiral enhances grip even in wet conditions
- Dirt repellent cover and taglines can be washed if needed
- Tangle Resistant
- Available in various lengths 15, 20, 25, 30, 35 and 45 feet
- Can outlast PP, Manila and other fibre ropes by several times



PSC Rig Tools Tagline

To avoid crane lift loads collides with other objects, or creating hazardous condition to personnel - Rigtools Taglines attached to the load, allow personnel to have greater control of the lifting operation in a safe distance.

TAGLINES ARE AVAILABLE IN STANDARD LENGTHS

- 6 metres
- 8 metres
- 12 metres

RIG TOOLS TAGLINE HIGHLIGHTS

- High visibility Nylon rope.
- Quick Attach and Release.
- Variety of Lengths Available.
- No Knots, Tangles or Cut-offs.

Ready stock at Project Sales Corp, Visakhapatnam, India

RIGTOOLS



PSC | PROJECT
SALES CORP

PSC SafeGuider™ High Viz Anti-Tangle Taglines

FEATURES

- High visibility orange coated end for easy safe grip and low light applications
- Quick attach and release
- Economical alternative to our Polyex PSC LoadGuider™ Taglines
- High visibility, impact-resistant nylon casing
- Excellent control
- No knots, tangles or cut-offs
- No trip hazard or risk of being dragged
- Flexible for easy line storage
- Made in USA
- Free Tagline Grabber Hook for retrieving taglines with every 5pcs ordered

SAFEGUIDER™

**PSC SAFEGUIDER
HIGH VIZ
ANTI - TANGLE TAGLINES**



PSC Tagline Retriever Tool. A safer way to retrieve Taglines.

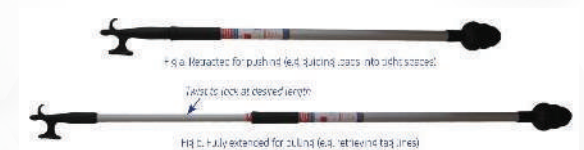
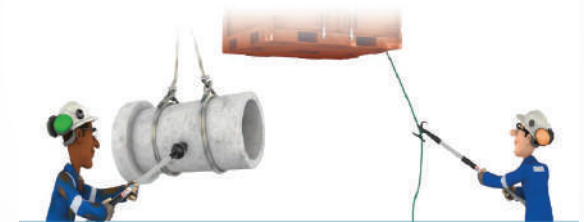
PSC TRT – A tool designed to safely retrieve taglines without a load handler having to go too close to a suspended load.

PSC Tagline Retriever Tool is designed to help facilitate ‘hands-free’ lifting and improve safety in handling taglines. The tool is a modified aluminium telescopic boat hook with a rubber buffer at the other end.

The hook end is used at full extension (approximately 2.1m/7ft) to retrieve taglines hanging vertically without a load handler having to go too close to a suspended load.

The rubber buffer is used to push against suspended loads to guide them, especially when landing loads in tight or congested spaces. Once again, this allows the operator to remain a safe distance from the load until it has landed.

The poles would normally be fully retracted (for rigidity) during this type of use where their length is 1.2m/4ft. However, they can be used half-extended if required but if too much pressure is applied, they will telescope in.





PSC SafeGuider & Tagline Retriever Tool.

For Hands-Free Guiding of Crane, Fork Lift Loads & Retrieving Taglines.

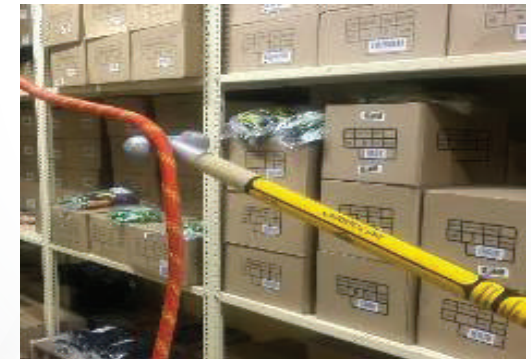
PSC SafeGuider – The **PSC SafeGuider & Tagline Retriever Tool**, is a lightweight tool used for the hands-free guiding, directing of heavy crane, fork lift loads and retrieving the taglines.

Made with an Ash Hard Wood pole with a serrated cast Aluminium head tested to push loads right upto 600lbs, this lightweight push pull pole is ideal for manoeuvring suspended loads without taking the hand close to the danger zone.

SafeGuider Features

- The head has a serrated 'S' design aluminium tool that works on hooking principle on one end and a reverse hook on the opposite end which allows it to be used in both push and pull applications.
- In the other version, a 'C' head to help with the manoeuvring of slung loads.
- A dielectric hardwood makes the product safe to use.
- The sand dipped in the grip area on the wooden pole allows for better grip while working with these tools.

Available in various lengths – 2, 3, 4, 6 & 8 Feet Length.



Push/Pull Poles – What are these?

Push pull poles aid in "Hands-Free" Guiding, spotting and landing suspended loads, manoeuvring drill pipe and all types of tubular on pipe racks or on the platform, snagging taglines and sling legs, etc.

Push pull poles provide a safety zone to personnel to manoeuvre and guide suspended loads while avoiding pinch points and crush points. With these use of these tools workers do not place themselves in danger by working in an unsafe proximity to hazardous suspended loads.

There are over a dozen varieties available from different manufacturer's worldwide including the well known Stiffy™, PSC Shove-it™ and PSC SafeGuider from USA, and few from other countries. These are made out of hardwood, aluminium or fibreglass with variations with heads made out of rubber, nylon, aluminium, etc.





The Hands-Off Safety Tool

**MANOEUVRE
LOADS SAFELY**

PSC LoadGuider™

Push/Pull Pole Safety Tool

Project Sales Corp introduces the new PSC LoadGuider™ Hands-Off Safety Tool – a robust fiberglass push/pull pole fitting with a nylon head to safely manoeuvre loads at all times, by keeping hands-off from a potential pinch and crush injury zone.

PSC LoadGuider™ Tool allows a user to maintain a safe distance from the load at all times, thereby mitigating any risk of pinching or crushing the hand and feet while handling suspended loads or manoeuvring loads in tight positions until the load is in its final placement position. **The tool is simple to handle and allows users to keep weights, loads, containers at a distance (push) or pull the load towards them.**

FEATURES

- Extremely lightweight, weighing just over 900 grams and 50” long, equipped with an ergonomic non-slip handle.
- The PSC LoadGuider™ Tools avoids unnecessary strain on the wrists during manoeuvring operations thus improving hand safety.





PSC Shove-It™ Tool

Fibreglass Push/Pull Pole.

Now avoid pinch and crush injuries with the new Non-conductive (tested to 75kv/ft) PSC Shove-It™ Hand Safety Tool PSC-SHST-42 and PSC-SHST-72

The new PSC Shove-It™ Hand Safety Tool is non-conductive and designed to help push against flat surfaces, corners or rounded edges of suspended loads, move pipe and tubular with the “V” shaped end and manoeuvre and grab slings and taglines with the opposing hooks. A rubber lining added to “V” to improves grip. TM

Available in 42” and 72” lengths. The 42” version comes with a D shaped handle.





PSC Guide - It Tool™

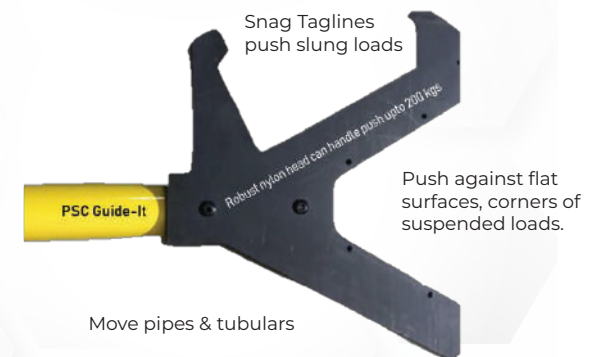
Hand Safety Tool for Guiding Suspended Loads Safely

A simple easy to use Hand-Safety Tool to keep hands and feet away from pinch and crush injuries when guiding suspended loads. A robust fiberglass pole with a nylon head allows personnel to push and guide suspended loads to its final place, without taking them to close to the load to avoid a caught-between struck-by hazards.

PSC Guide-It™ Hand Safety Tool assists in "Hands-Free" Guiding, spotting and landing suspended loads, maneuvering drill pipe and all types of tubular on pipe racks or on the platform, snagging taglines and sling legs, etc.

PSC Guide-It™ Hand Safety Tool assist personnel to manoeuvre and guide suspended loads while avoiding pinch points and crush points. With the use of these tools workers do not place themselves in danger by working in an unsafe proximity to hazardous suspended loads. Move pipes and tubulars

Available in two lengths of 42" & 72" with a convenient to hold D Handle.

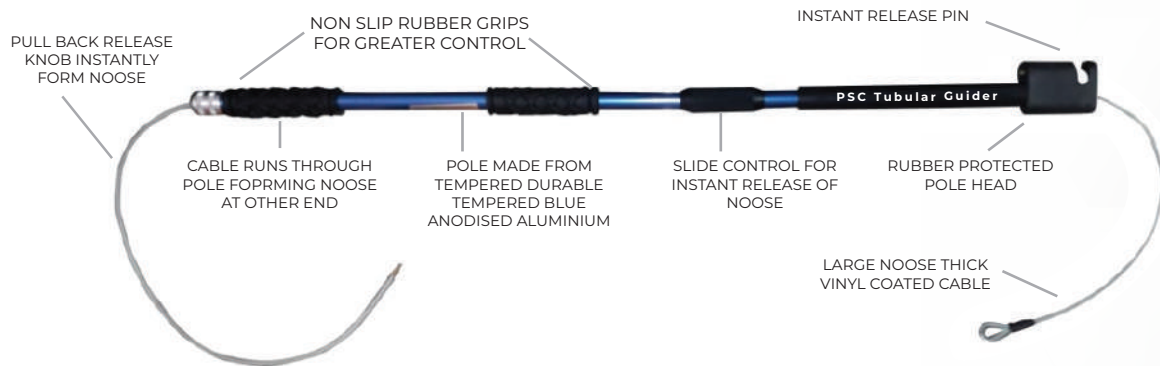




PSC Tubular Guider®

Hand Safety Tool

With the new PSC TubularGuider® now reduce pinch and crush related injuries while working with suspender tubular loads. The PSC TubularGuider® features non-slip grips, locking mechanism and super strong aluminium shaft. The Dual Release uses a spring loaded noose release to extend the cable through the tool to release the tubular or the slide control which instantly drops the noose from the tool.

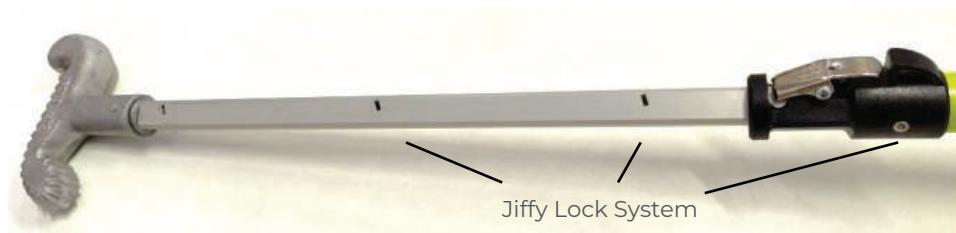




PSC TRT - 3P Extendable Safety Tool

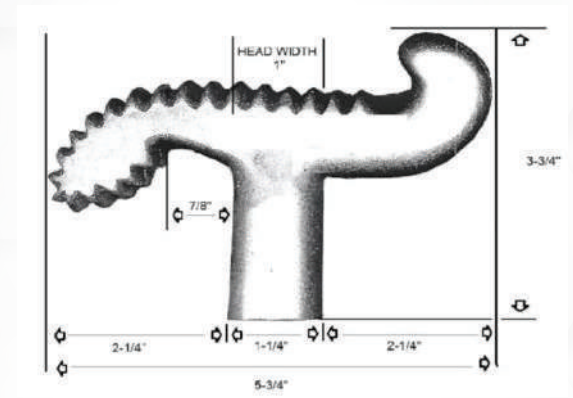
Makes Tagline Retrieving & Handling Suspended Slung Loads Safer

The new PSC TRT-3P Extendable Tagline Retriever Tool and Push Pull Pole is a utility pole that is 6ft long when fully collapsed and extends up to 12ft in 6" increments.



The main pole is constructed of heavy-duty fiber glass with a high strength square aluminum internal extending pole. The aluminum pole is equipped with the patent pending Jiffy-Lock™ system. The Jiffy-Lock system allows the pole to be adjusted in 6" increments and is push/pull tested up to 175 lbs.

These poles are for pushing and pulling in place of your hand and arm, they are not crow bars for prying. The aluminum head will pull/break off the pole at approximately 300lbs of pushing/pulling force. If they do snap, it's a soft and non-violent break.



PSC Hands-Off Tools

◆◆◆◆◆◆ | **Make a rule, No Hammer without these tools**

Project Sales Corp has the most complete range of tools that help keep hands away from impact zones during hammering operations or devices that allows workers to perform tasks like moving or lifting or small loads in a manner so as to avoid pinch and crush injuries.





Fingersaver
Safety For Your Fingers

PSC FingerSaver Tool

The PSC FingerSaver keeps your hands away from the impact of the hammer on flogging spanner and from pinch points when using impact wrenches.

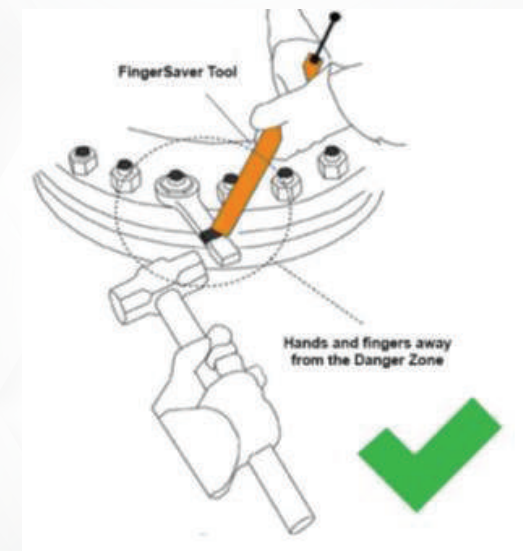


2G version available in Standard 350 mm, Long 900 mm and Compact 295mm.



3G version available in Standard 350 mm, Long 900 mm and Compact 295mm.

How it Works.





PSC FingerSaver Tool Features

- ◆ Lightweight ◆ Affordable ◆ Available in 3 sizes ◆ Easy to operate
- ◆ Peace of mind for self and co-worker ◆ Simple tool to keep hands away from impact zones ◆ Vibration absorbing Non-slip Rubber Grip



Fingersaver  **3G**
Safety For Your Fingers



PSC Chisel & Punch Holder

PSC Chisel and Punch Holder -

Ergonomically designed to provide a comfortable, firm grip while keeping the hands away from the contact point –

- Tool holder's handle efficiently resists sparks and absorbs vibration
- Hassle-free adjustments with the knob at base
- Accommodates chisels measuring up to 1" in diameter



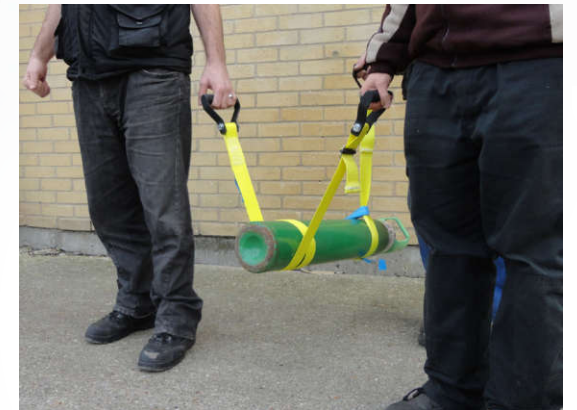
PSC Lift Assist Manual Lifting Aids

A new range of PSC hands-off policy tools (lift assist manual lifting aids) to reduce need for bending thereby improve ergonomics in workplace, and reduce possible chances of hand & finger injuries associated with lifting and carrying the small equipment's with bare hands.

The manual lifting aids are used with chicksan and bop choke valves, pup joints, fishing tools, pipe, tubing, deck cargo, etc.

ORDERING CODES

- PSC Lift Assist Single Handle SafeLift Lift Assist sling 75 kgs WLL
50 mm x 900 mm long – PSC-SH-100
- PSC Lift Assist Double Handle SafeLift Lift Assist sling 100 kgs WLL
50 mm x 1500 mm long – PSC-DH-100
- PSC Lift Assist Choke Valve SafeLift Lift Assist sling 50 kgs WLL
25 mm width – PSC-CV-100



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