Trapen Tools @ Height

Proven Safety System

Tools@Height is a proven safety system used offshore and onshore worldwide. It stops dropped tools harming personnel, causing damage or disrupting work.

Tools@Height provides controlled tool storage in the workshop, secure tool transportation to the workplace and reliable tool retention during use.

High level uses - drilling derricks, wind turbines, cranes, buildings, bridges, telecom masts, power lines, hangards, overhead gantries

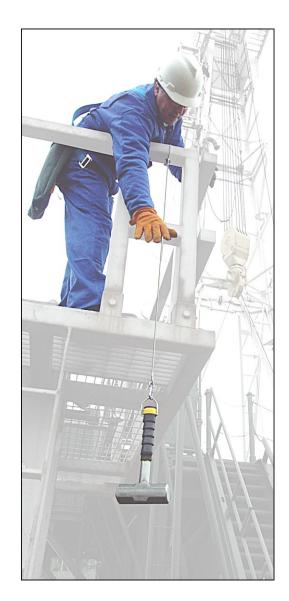
Low level uses - stop tools falling into machinery, production lines, nuclear fuel rod cooling ponds, water filter beds, reservoirs, mine shafts

Customers - BP, KCA Deutag, Transocean, Dolphin, Ensco, Pride, Odfjell, SeaDrill, Noble, Nabors, NOV, Stena, Talisman Energy, Balfour Beatty, Rolls-Royce, British Energy (nuclear power stations)

Tools@Height comprises quality tools modified to accept lanyards that can be attached to the operator or to a suitable site tether point.

Wide range - From small screwdrivers to sledge hammers, we can provide any type of tool for safe working at height or for use over sensitive areas.





- Lock-On safety sockets
- Snap-Coil weldless fittings
- Power-Safe insulated tools
- Integrated hammerheads
- Lockable lanyard snap-hooks
- Lanyards tested and certified
- Bags, pouches and tool keepers
- Standard and custom kit building
- In-house design and engineering
- Prototypes and special tools
- ISO 9001 quality management









Tools

Some examples from our range of over 600 Tools@Height products











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Power-Safe Insulated Tools

Evolution - Our original insulated tools, with heat-shrink lanyard attachment points, have been superceded by a new range for working at height.

New Design - We have invented and engineered a lanyard attachment point that is fully integrated with the tool's handle.

Fully Insulated - The frame of an original Snapon tool is modified, then multi-dipped in PVC and an insulated bush fitted. A safety shackle, with lockable anti-vibration pin, is installed.

Electrically Tested - Tools comply with EN60900, they are tested to 10,000V and marked with the 1000V symbol.

Drop Tested - At every production run, a sample of each type of finished tool is dropped tested, stripped-down, inspected and certified.

Wide Selection - The expanding range includes:-

- KS0800 250mm Water Pump Pliers
- KS0801 190mm Linesman Pliers
- KS0802 190mm Diagonal Cutters
- KS0803 190mm Cable Cutters
- KS0804 235mm Adjustable Pliers
- KS0805 150mm Needle Nose Pliers
- KS0806 90° Bent Nose Pliers
- KS0807 Wire Stripping Pliers
- KS0808 150mm Adjustable Wrench
- KS0809 200mm Adjustable Wrench
- KS0810 235mm Linesman Pliers
- KS0811 12" Adjustable Wrench
- KS0812 Core Croppers















Snap-Coil Tool Links

Reliability - Lanyard attachment links on tools have to withstand rough use on site and extreme conditions so they need to be strong and reliable.

Weldless Design - Welded links need to be checked when fabricated and could fail in service so we stopped using them several years ago. Instead, we invented the Snap-Coil tool link which has no welds to inspect or break.

High Performance - Made from stainless steel in several sizes, Snap-Coils have superior strength, flexibility and shock-absorbing qualities over welded fittings.

In-House Fitting - Snap-Coils are fitted in-house by our technicians and are not sold separately.

Not "Breakaway" - A Snap-Coil is not designed to "breakaway" from the operator if the tool is snatched into machinery or trapped in steelwork when climbing. No "breakaway" device can be guaranteed 100% reliable in all circumstances.

Best Practice - Machinery should be shut down before tools are used nearby. Before climbing tools should be securely clipped into Tool@Height bags, pouches or belt tool-keepers.















Lock-on Sockets

Normal Socket Hazard - A normal socket or socket driver could be easily detached from a ratchet and become a small, but deadly, dropped object.

Lock-On Safety Sockets - With our Lock-on sockets, socket drivers and extensions accidental release is no possible. The operator has to insert a suitable pin into the hole in the socket to depress the retaining pin. This is done in a safe area where there is no possibility of components being dropped.













Scaffolding Tools



21mm Scaffold Wrench

Part No: **KS02000**

- Securely tethers to operator
- · Freely rotating lanyard connector
- Large diameter handle for better grip
- Machined from 316 stainless steel
- · Accepts all Snap-on lanyards
- Load tested by Certex



21mm Ratchet Podger Part no: KS02002











Lanyards

Coiled Lanyards

Hi-Vis 6mm urethane coiled lanyards with manganese bronze swivels and stainless steel screwgate locking snap-hooks.

Part No: LANCOIL1-S - stretches to 1.0m

Maximum tool weight 5 lbs (2.3 kg)

Part No: LANCOIL2-S - stretches to 2.0m

Maximum tool weight 10 lbs (4.5 kg)







Wire Lanyards

Heavy tools should be attached to a suitable local hardpoint using wire lanyards.

LANWIRES comprise 3mm stainless steel wire with screwgate locking snap-hooks each end.

Maximum tool weight 15 lbs (6.8 kg)

1.5m long - Part no: LANWIRE-S

1.0m long - Part no: LANWIRE1-S

0.5m long - Part no: LANWIRE.5-S









Trapen Tools @ Height

Lanyards

Web Lanyard

1.0m x 25mm web lanyard with stainless steel locking snap-hooks.

Maximum tool weight 10 lbs (4.5 kg)

Part No: LANWEB-S



Wrist Lanyard

300mm x 6mm web lanyard with swivel snap-hooks.

Maximum tool weight 5 lbs (2.3 kg)

Part No: TCL1



Wrist Band

25mm webbing with velcro securing Maximum tool weight 5 lbs (2.3 kg) Part No: **TCWS1**











Bags - Pouches - Keepers

Tool Bag

- · PVC coated polyester.
- · Velcro secured flap.
- 6 internal SS tool snap-hooks.
- Slot for belts up to 65mm wide.
- 50mm wide chest strap with SS locking snap-hooks each end.
- Part No: TAHTOOLBAG



Tool Pouch

- PVC coated polyester.
- Open mouth for easy access.
- 4 internal SS tool snap-hooks.
- Slot for belts up to 65mm wide.
- 50mm chest strap with SS locking snaphooks each end.
- Part No: TAHTOOLPOUCH



Tool Keeper

- 50mm HD polyester webbing.
- · 50mm SS "D" ring.
- 2 x 60mm SS locking snap-hooks with eyes - can rotate on "D" ring but cannot detach.
- Slot for belts up to 65mm wide.
- Part No: TOOLKEEPER1











Kits

Kit Specialists - We design and build tool kits, mobile tool stores and workshops for oil, gas, energy, aerospace, industrial, education, military and wind power customers worldwide.

Tough & Durable - Snap-on tool boxes feature double-wall steel construction and E-coat acrylic enamel paint to resist corrosion inside and out.

Secure Storage - Drawers are fitted with hard foam inserts in which the profile of each tool is cut.

Easy Checking - You can quickly check that tools have been returned and identify any left on site.

Positive Identification - Tools can be laser engraved with your company name, logo, kit number, etc.

Explorer Cases - Tough, waterproof, dustproof and stackable cases with tool control foam.

















Height-Kit 5

Height-Kit 5 is just one example of our Tools@Height kits. Our latest, for a leading power company, is the **Height-Kit 15** which includes the Snap-on **Level 5** tool control, tracking and security system.

Height-Kit 5 was designed and developed in close consultation with drilling clients and is regularly supplied to leading oil & gas drilling and production companies worldwide.

Height-Kit 5 features a high strength roll cab toolbox complete with high density foam drawer inserts pre-cut with tool profiles.

Height-Kit 5 includes a full sets of metric and imperial size tools, plus a selection of lanyards, tool bags and pouches.









