

# Sal-Tech Easy Packaging

## Hand Strapping Tools and Strap Wagons



# Steel Strapping Tools

Steel Strapping is the one of the oldest methods of strapping. Due to the strength and reliability of steel, it is widely used for heavy duty strapping, where high strength and minimal stretching of the strap is required. With the advancement of steel strapping tools and techniques, steel strapping has become more accessible and more reliable than before you the cost.

Sal-Tech Easy Packaging offers a wide variety of steel strapping hand tools and cutters to help you to effectively secure your packages.



## Sealless Steel Joint

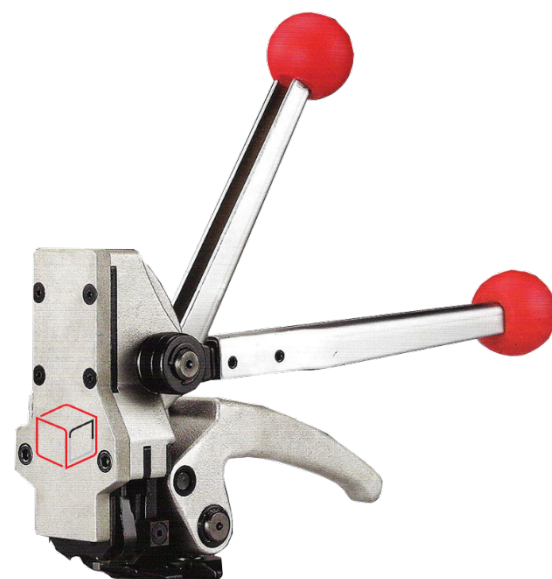
Most of our tools features sealless joint strapping. The Sealless Steel Joint reduces overall strapping costs by approximately 10% through the elimination of seals.

## STEP A Series

### Suitable for Any of Your Strapping Needs

Handy and Light Weight Combination Tool to strap flat and even round products and pallets. Permits a very easy and efficient operation and outperforms other strapping tools by its ruggedness and its high reliability

Specifications	STEP A333 Tensioner and Sealless Steel Strapper
Strap Type	Steel Strap
Strapping Qualities	Uniflex Regular Duty max. 850 N/mm2
Strap Width	12mm – 16 – 19mmmm
Strap Thickness	0.38mm – 0.58mm
Joint Type	Sealless, see above
Joint Efficiency	Approximately 80%
Net Weight	3.9 kg
Item no.:	41272010 Universal 13-16-19mm 41272012 Set for 13 mm steel strap 41272016 Set for 16mm steel strap 41272019 Set for 19mm steel strap



## STEP MR36 Manual Pusher Tool

Handy and light weight seamless combination tool to strap flat and even round packages. Permits a very easy and efficient operation and outperforms other strapping tools by its ruggedness and its high reliability. Ideal for small bundles, choice between Regular or High Tensile Steel, Single notch seal.

### Features:

- Adjustment genius-tension mode.
- Light weight and operation easy.
- Die easy and efficient.
- Strong structure and durable life.
- Use for all type packing.



Specifications	
Model	MR36
Strap Width	13, 16 & 19 mm
Joint Type	Single Notch (reverse)
Strapping Thickness	0.4mm – 0.6mm
Sealing Strength	50 – 60 %
Weight	3.5 Kg
Steel Strapping	Regular Duty & High Tensile
Dimension	40 x 10 x 33 cm (L x W x H)
STEP Item No. for 13mm	41270090
STEP Item No. for 16mm	41270091
STEP Item No. for 19mm	41270092

# STEP Steel Strap Tool Series

The STEP Steel Strap Tool series is a variety of steel sealers, tensioners and cutters. The cutters are made from high quality SAE 4140 high carbon steel drop forged. They are very reliable and resistant to wear. Ideal for heavy duty use.

## STEP Steel Tensioner ST03

Heavy Duty

Strap width 9 to 19 mm

Item No. 41271020



**STEP Steel Strap Tensioner ST02**  
Item no.: 41271010

## STEP H-54 Tensioner

Strap tensioners are used for tightening or loosening of the strap tension to properly secure the packaged product.

Item No. 41270100



## STEP H-65 Sealer

Item Numbers	Strap Width
41270210	9mm
41270220	12mm
41270230	16mm
41270240	19mm



**STEP H-65 uses  
Push Type Seals**  
Size: 9 mm-19 mm



## STEP H-16 Cutter

"SAE 4140" high carbon  
steel drop forged  
Size: up to 30 mm

Item No. 41243220

## STEP H-17 Cutter

"SAE 4140" high carbon  
steel drop forged  
Heavy Duty

Size: up to 50 mm

Item No. 41243220



H-16

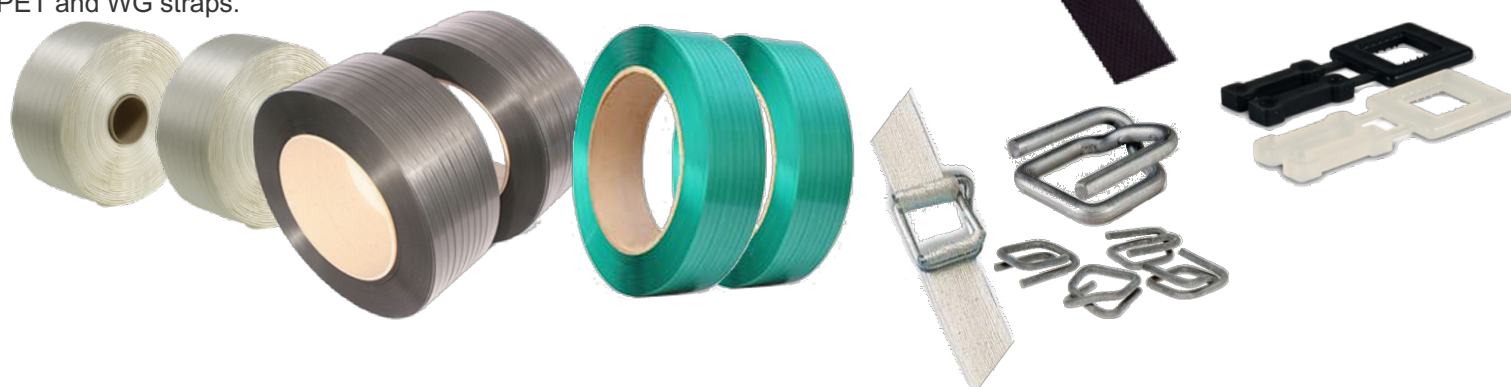
H-17



# Hand Strapping Tools for PP/PET/WG Straps

Strapping using plastic composite straps has revolutionized strapping worldwide. Designed for light to medium duty strapping, these straps are very reliable and economical.

Sal-Tech Easy Packaging offers a wide variety of manual and battery powered hand strapping hand tools. We offer Combination Tools, Tensioners and Sealers compatible for PP, PET and WG straps.



Available for a wide variety of strap seals and buckles

## STEP H Series

The STEP H Series of Strapping Tools for PP/PET/WG is a variety of combinations tools, sealers and tensioners. We offer manual hand tools and battery-powered hand tools.

### Combination Tools For Strap Tensioning and Sealing



**STEP H-42**



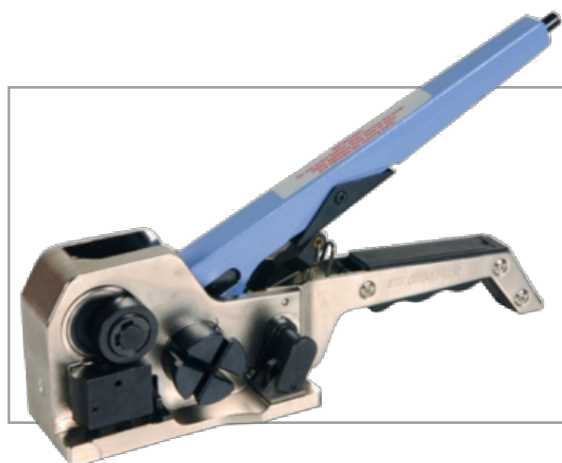
**STEP H-44**

**STEP H-42-12 (12mm strap width)**  
Item No. 41212000

**STEP H-42-16 (16mm strap width)**  
Item No. 41213000

**STEP H-44-12 (12mm strap width)**  
Item No. 41212010

**STEP H-44-16 (16mm strap width)**  
Item No. 41213010



#### **STEP OR4300 Tensioner /Sealer**

Compatible for use with PP and PET straps. It is lightweight and robust for maximum portability. It uses metal seals for sealing.

#### **Item Numbers**

**41212020 - OR4300-13 (13mm strap width)**

**41213020 - OR4300-16 (16mm strap width)**

*Contact Us for Prices.*



## Tensioning Tools for PP/PET/WG Straps



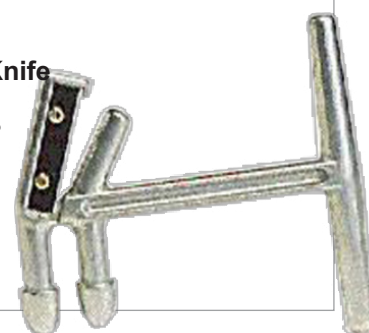
STEP H-21	STEP H-22	STEP H-23	STEP H-25	STEP H-26
41220000	41220010	41220020	41220040	41220050
PP Strap	WG Strap	PET Strap	WG Strap	WG Strap
The STEP H-21 Tensioner is for Polypropylene (PP) strap for light to mid- range of pallet strapping.	The STEP H-22 Tensioner is for Woven polyester (WG) strap for 9-19mm straps.	The STEP H-23 Tensioner is for Polyester (PET) strap for the demanding pallet strapping of heavy goods	The STEP H-25 Tensioner is for Woven polyester (WG) strap for 9-25mm straps.	The STEP H-26 Tensioner is for Woven polyester (WG) strap for 25-40mm straps. It is ideal for heavy-duty strapping applications.

## Sealers for PP/PET Strap

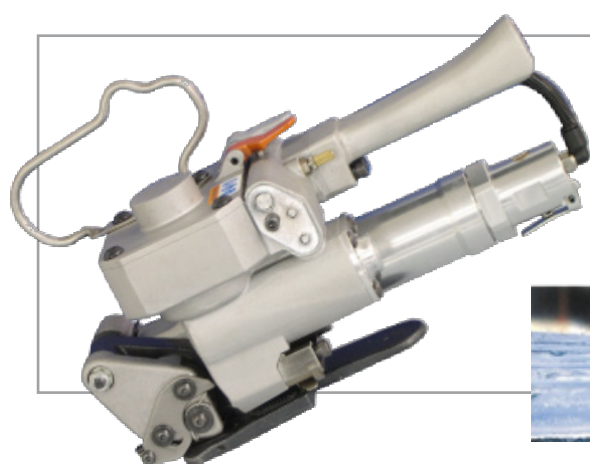


### STEP P173 Strap Tensioner with Knife

Item Number: 41240173



Item No.	Description
41242000	STEP H-34-12 Sealer 460mm handle
41242010	STEP H 35-12 Sealer 390mm handle
41242020	STEP H 36-12 Sealer Offset
41243000	STEP H 34-16 Sealer 460 mm handle
41243010	STEP H 35-16 Sealer 390 mm handle
41243020	STEP H 36-16 Sealer Offset



### STEP SPST 19-1 Pneumatic Strapping Tool

STEP Pneumatic PET Strap Tool for heavy duty tensioning type

Tension Strength: 2600N  
Weight: 3,8kg PN Pressure: 7bar

Item No. 41211810



# STEP Battery Powered Hand Strapping Tools

## STEP H-45L Battery Operated Hand Strapping Tool

The STEP H-45L Battery Operated Hand Strapping Tool is part of the STEP H Series of Manual Hand Strapping Tools. It is independent of wired power supply which enables it to be ultra-portable. With friction weld sealing technology, it is also independent of using third party seals

### Features

- High Speed
- Portable and very Easy to Use
- Ergonomic and Rugged Design
- Easy Strap Threading
- Flexible Tensioning Mode
- Wireless Battery Operated
- Friction Weld Sealing

### Options

- Suspension Bracket (Stiff or Turnable)
- Bottom Base Wearing Protection Plate

### Main Features



### For All Kinds of Flat Packages

It is suitable for a wide range of vertical and horizontal strapping applications in all industrial sectors (pallet, construction materials, wood/panel board, paper...etc.)



### Adjustable Sealing Time and Strap Tension

Adjustable sealing time allows individual setting for different strap types and quality to guarantee the high efficiency. Strap tension adjustment can be easily done by the simple turn of a dial. Appropriate tension ensures ideal load security



### Easy Single-Handed Operation

One single thumb pressing operates the tool. Tensioning, sealing and cutting are done at the touch of the start button. It is the most user-friendly tool.



### Friction Weld Sealing

The advanced friction weld sealing technology guarantees reliable joint and high seal efficiency.



### Battery Powered

Battery operation makes the STEP H-45 independent of any power supply. Ready to use anywhere. High battery capacity provides up to 400 (for PP) and 220 (for PET) strapping cycles per charge. Rechargeable battery with long battery life up to 1,000 charges.

### STEP H45L -Battery Tool for PP & PET Strap

41211010	H-45-12 battery tool with 1 battery charger excluded
41211030	H-45-16 battery tool with 1 battery charger excluded

### Options for Battery Tool H-45L

41211120	Charger Bosch AL15FC 2498 for H45
41211100	H-45 Turnable suspension bracket
41211110	H-45 Stiff suspension bracket
41211140	Extra battery L H45 2,6AH

### Specifications

Strap Type	PP and PET Straps
Strap Width	12mm (H-45-12) 16mm (H-45-16)
Strap Thickness	PET: 0.5mm – 1.05mm P.P.: 0.55mm – 1.05mm
Maximum Strap Tension	220 kg / 2200 N
Joint Efficiency	75% - 80%
Maximum Tension Speed	270 mm / second
Net Weight	4.26 kg (including battery)
Battery	14.4VDC 2.60Ah Li-Ion (One Battery included)
Battery Charger	Single Phase According to Local Standard
Battery and Charger Manufacturer	BOSCH

## STEP Kronos H-46 Battery powered Tensioner and Sealer

ideal for a wide range application in all industries and sectors. STEP Kronos H-46A & STEP Kronos H-46B delivers the highest productivity and performance to meet the customers' packaging needs. STEP Kronos H-46A is suitable for Light & Universal application while STEP Kronos H-46B is suitable for Heavy industry application both products are handy to use in iron, textile, foodstuff, merchandise and other related products for strapping.



### Features:

- Easy operation
- Digital touch panel
- Wide tension force range
- Friction weld sealing
- Bosch battery and charger
- Brushless motor technology
- Robust housing
- Perfect balance and ergonomic design
- No adjustment required for different strap thickness
- Energy saving mode

### Options:

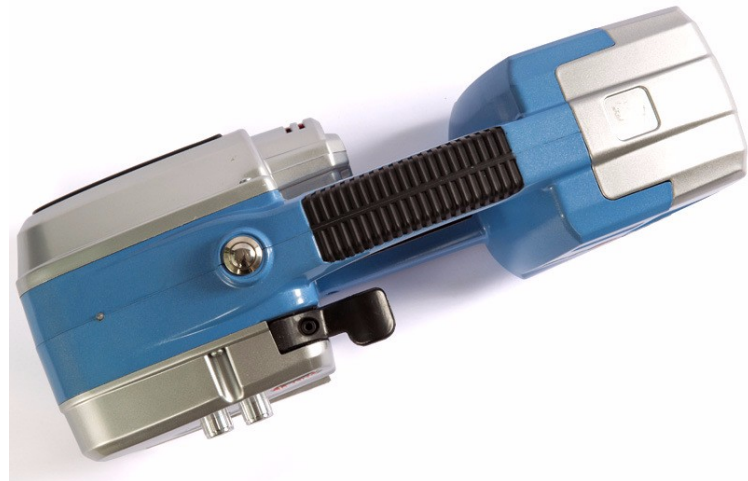
- Suspension bracket
- Bottom base wearing protection plate

Specifications		
Model No.	H-46A	H-46B
Product Name	STEP Kronos H-46A	STEP Kronos H-46B
Tension Range	40-250 Kg	60-400 Kg
Strap Width	11 – 13 mm 15 – 16 mm	15 – 16 mm 19 mm
Strap Thickness	PP 0.55-1.05 mm PET 0.50-1.05 mm	PP 0.75-1.30 mm PET 0.60-1.30 mm
Net Weight	4.3 Kg	4.4 Kg
Battery	Bosch Li-Ion 18V, 4.0 Ah	Bosch Li-Ion 18V, 4.0 Ah
Battery Charger	Bosch 115 V (110-120V), 230V (220-240V) 50/60 Hz, 1 Ph	Bosch 115 V (110-120V), 230V (220-240V) 50/60 Hz, 1 Ph
STEP Item No.	41211210 (for 11-13mm Strap) 41211211 with 2 battery	41211230 (for 15-16mm Strap) 41211231 with 2 battery
STEP Item No.	41211220 (for 15-16mm Strap) 41211221 with 2 battery	41211240 (for 19mm Strap) 41211241 with 2 battery
Battery Item No.	41211280	41211280
Charger Item No.	41211290	41211290



# STEP H43-13 and STEP H43-16 HEIMDAL

## STEP Battery Tensioner and Sealer



### Product Overview:

STEP JDC 13/16 is a battery powered plastic strapping equipment for a broad array of application in a pool of industry. This is specifically fitting for PP and/or PET straps measuring 13mm in width.

### Description:

A portable handheld strapping tool that aids in strapping variety of products without the use of fasteners rather friction welding for a more durable seal that ensures security of goods upon distribution or transportation. This equipment meets the requirement of straps with width of 13mm or 16mm.

Taking you to the next level with its:

1. Lightweight Mass: Its body is designed using high quality alloy materials and plastics promoting durability
2. Friction and Welding Seal: It uses friction weld sealing for a more durable lock
3. Safe to Use: A handheld device that cultivates high safety performance
4. Battery Powered: A battery powered tool for compactness whenever needed, with 100-220 loops strapped when charged 90 minutes
5. Portable: Materials being lightweight makes it simple to move and operate without exerting much effort from user/operator
6. Suitable for 13/16mm strap width depending of choosen version.

SPECIFICATIONS:		
Model:	STEP H43-13 HEIMDAL	STEP H43-16 HEIMDAL
Color:	Blackish Green	
Strap Size Requirement:	Width: 13mm	Width 16mm
	Thickness: 0.5mm – 1.0mm	Thickness: 0.5mm – 1.2mm
Strap Requirement:	PP or PET Straps are applicable	
Tension Force:	2800N (Maximum)	
Machine Weight:	3.16kg	
Dimension:	340mm x 130mm x 120mm	
Battery:	Lithium battery 3.0A/h12VCD	
Charger:	100V, 245CAC, 50-60Hz DC12.6V = 4.0A	
Charging Time:	90 minutes of charging can strap 100 – 220 loops	
Item no.:	41211613	41211616



# STEP ZP Series Battery Operated Hand Strapping Tool

**High Tension  
Low Weight!**



High Quality Battery Powered Hand Strapping Tool. Equipped with the latest innovations in strapping technology, it has the **Brushless motor-ZAPAK** patented single motor design provides extremely long service life. It utilizes a **Li-Ion Battery-18V 3000mAh** high capacity rechargeable battery and **Bosch** 30 minutes charger.

## Safety Features

- One-handed operation conforms to CE safety directive and meets RoHS requirements.
- Li-Ion battery complies with UN38.3 safety requirements

## More Information

- Bosch charger A/C voltage 100V, 115V, 230V, 240V available for different markets demand
- Sealing time adjustment: 0.4 ~ 2.0 seconds
- Li-Ion battery life is up to 2000 charges with proper charging and discharging habits.
- Fully charged Li-Ion battery supports up to max. 600 cycles (PP) dependent on straps quality, tension setting and sealing time setting.

41211310	STEP ZP 93A
41211340	STEP ZP 96A
41211390	Li Battery Zapak ZP92/96A

Model No.	Strap	StrapWidth	Strap Thickness	Tension Range	Sealing Efficiency	Dimension & Weight
STEP ZP 92A	PP	9-16mm	0.55-1.35mm	10- 250kgs	85+-5%	Approx. 33 x 15x 125 mm
	PET					Tool Weight
STEP ZP 96A	PP	16-19mm	0.75-1.35mm	40-400kgs		Approx. 2.80kg
	PET		0.65-1.35mm			Battery Weight
						Approx. 0.66kg

# STEP H49 ODIN Automatic Battery Powered Sealer



Battery powered strapping tool suited for use in the paper, aluminium, textile, steel, logistics, farm, chemical and metal industries giving an easy to operate tool, light weight and a wide scope of uses.

Mode of operation, Automatic, Semi Automatic, Manual.

The tool is made with energy saving features and environmental protection thought into the design.

The no handle version makes it even easier to feed strap.

Handle version shown above

## Specification:

- Strap Types PP or PET
- Strap width 10-16mm
- Strap thickness 0,6-1,2mm
- Tension 4000N adjustable
- Tightening Speed: 11m/min
- Welding time: 1,1-1,4 seconds
- Cooling time 2.5 seconds
- Rechargeable Lithium battery 18V 4.0AH
- Charging time: Approx 90min that can do 550 seals
- Charger electrical connection 110V or 230V
- Battery weight: 0,6kg
- Tool weight operational: 4,0kgs
- Tool dimension: 330x150x140mm



STEP Item no.:

- 41211720 STEP H49 without handle
- 41211730 STEP H49 with handle

Without handle version shown below:





# STEP H48A Battery Sealer & Tensioner 19mm PET

## Features:

- Lightweight body and easy to use.
- Without fasteners, using friction hot melt, the interface is beautiful and strong.
- High degree of automation, simple operation and easy to understand.
- Easy to move, for a variety of venues, the various size of the package can be applied.
- The body and components are made of high-strength alloy materials and engineering plastics, which is durable in use.
- If there is external power supply, plug in to get power supply; when switch off the relay, then the battery provides power supply.



## Product Overview:

A battery-operated strapping tool appropriate for PET straps with width 16mm up to 19mm. A robust strapping tool commonly used in industries such as, textile, aluminum, steel, paper, logistics, etc.



SPECIFICATIONS:	
Suitable Strap	PET strap
Strap Size Width	16mm – 19mm
Strap Size Thickness	0.5mm – 1.2mm
Battery	Two batteries per set 14.8V – 4000mAh 59.2Wh
Charger	110v – 240V, 50 – 60Hz
Charge Time	Charge 90 minutes
Age	Can charge up to 2000 times
Maximum Stretch Force	Force: 400 – 3500N Maximum depends on quality of strap
Seals Straps Form	Friction and welding
Maximum Tension Force	400 – 5000N
Weight	4.3kg
Dimension	L345 x W110 x H155mm
STEP Item no.:	41211710

# STEP B19 Pneumatic PET Tool

## Features:

- High-power pneumatic design, lightweight body and easy to use.
- Without fasteners, using friction hot melt, the interface is beautiful and strong.
- High degree of automation, taut and strong welding shell controllability.
- Large tightening force and special structure design to achieve tightening and packaging easily. Such as the materials of steel, aluminum ingots, heavy packaging.
- The tool is durable, adopting high-strength alloy materials for the body and components, high reliability design, and advanced manufacturing technology.
- Patented design, safe for use, fatigue-free design.



## Product Overview:

A Pneumatic plastic strapping tool suitable for PET and PP strap width 13mm to 19mm. A strapping tool commonly used in industries such as, aluminum, steel, tobacco, wood, paper, etc.



SPECIFICATIONS:	
Suitable Strap	PP / PET
Strap Size Width	13mm – 19mm
Strap Size Thickness	0.5mm – 1.2mm
Forward Mode	Free separate strap
Air Pressure	0.5 – 0.8MPa
Seals Straps Form	Friction and hot welding
Maximum Tension Force	3500N
Weight	3.8kg
Dimension	L280 x W160 x H180mm
STEP Item no.:	41211810

## STEP Strap Wagons and Dispensers

Designed for easy transporting of strapping coils and other strapping tools. Wagons can also be used as dispensers when using hand strapping tools like the STEP H Series

### STEP H-84 Strap Wagon

The STEP H-84 Strap Wagon is ideal for transporting oscillating PET and Steel straps. It has a carrying basket for other strapping tools and seals.

Item No. 41280010

Price: 265 Euro/1975 DKK



**Oscillating Coils** are coils arranged in an alternating pattern to maximize space used of the overall width of a coil, making it easier to transport, store and manage.



### STEP H-83 Strap Wagon

The STEP H-83 is designed towards transporting and dispensing PP straps. It is compatible with Ø200 oscillating straps or Ø280 mm (optional).

Item No. 41280060



### STEP H-91 Strap Holder/Dispenser

The STEP H-91 is designed for dispensing WG straps. It is compatible with Ø75/w140. A basket is located on its rear ideal for carrying tensioners, sealers, seals and buckles.

Item No. 41280080



### STEP H-95 Steel Strap Wagon

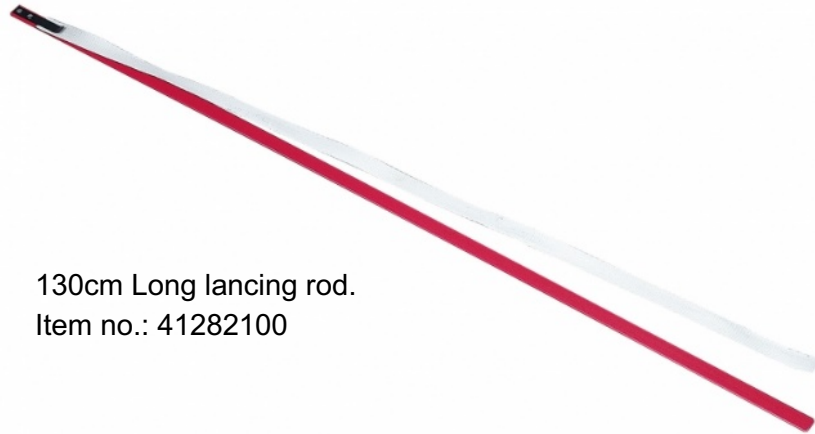
The STEP H-95 is designed for transporting single ring coils steel straps. It has a basket which can be used to hold tools, seals and buckles. Available in two model types designed to carry particular steel strap widths



41280090	Model Type A for 10-22mm steel strap
41280095	Model Type B for 22-32mm steel strap



## STEP Long lancing rod 130cm LR100

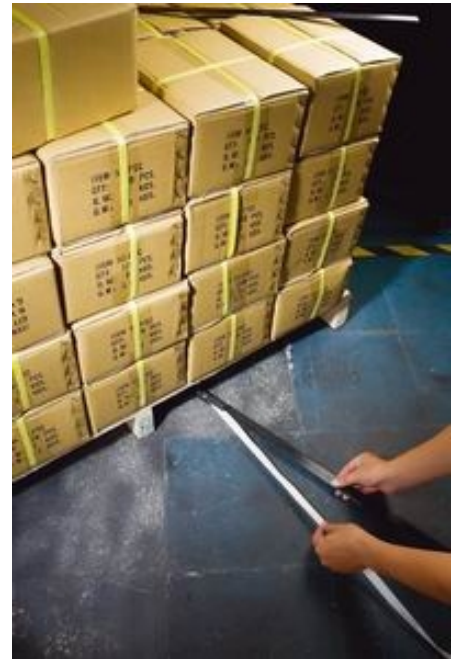


- 130cm Long lancing rod.
- Item no.: 41282100

## STEP Lancing Probe head LR300



- A probe head that works for any standard 3/4" broom handle.
- Broom shaft not included.
- Good for strap up to 2".
- Item no.: 41282300



## STEP Long Pallet Probe 165cm LR310

- Probe head with shaft
- Good for strap up to 2".
- 165cm Long Pallet probe.
- Item no.: 41282310

