



Health is the primary duty of life.

*Oscar Wilde*

Dear Friends of ErgoPack,

Nothing is more important to the human being than health. Health is essential for all of us.

Backaches are a major problem these days. Almost 50% of all employees suffer from pain in the back and neck area.

To work in a bent down position means strain for every employee. This is particularly true if you are strapping pallets manually. You are interested in strapping pallets ergonomically?

You came to the right place! That's what we do! Ergonomic, easy, efficient – ErgoPack!

Have you ever really paid attention to the "pallet strapping" issue?

Or have you already made the painful experience that strapping is more stressful than it actually seems?

My offer to you:

Give your employees a break and increase the efficiency of your organisation with the help of our ErgoPack systems!

Browse, read – and give us a call if you have any questions.

I hope our technology provides solutions for you.

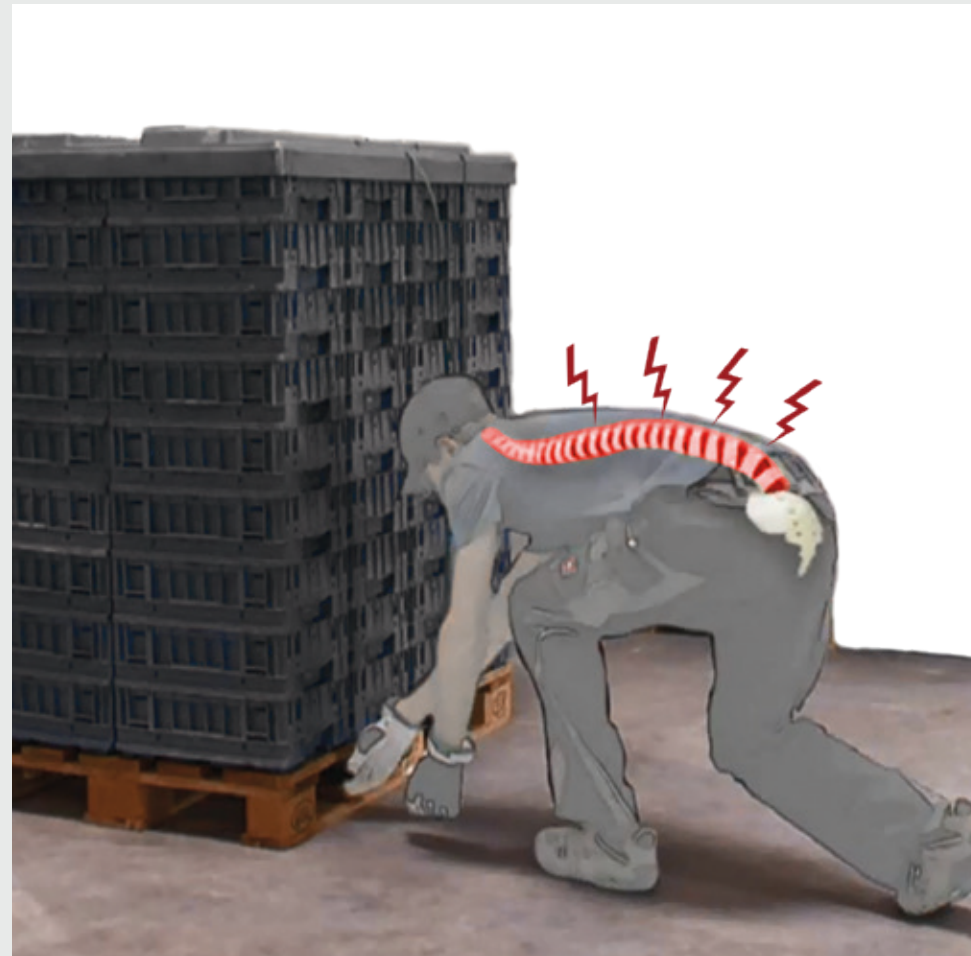
A handwritten signature in dark ink, appearing to read "A. Kimmerle".

**Andreas Kimmerle**

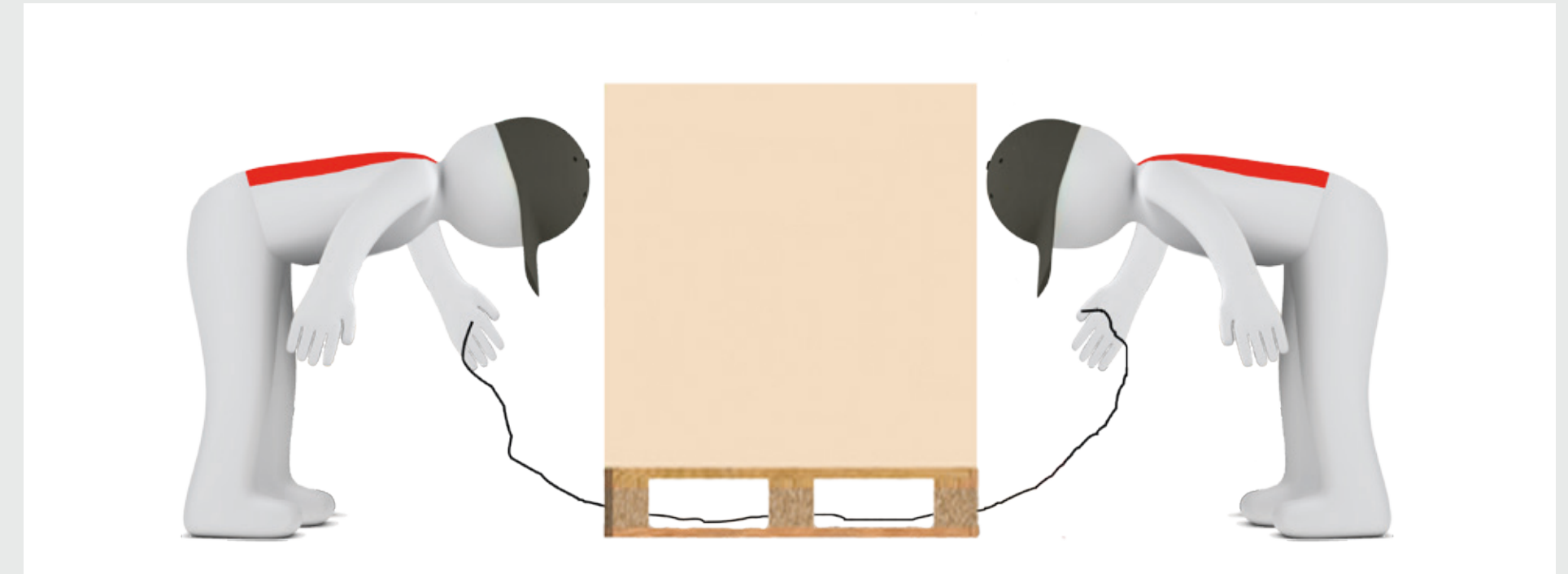
Founder and Managing Director  
of ErgoPack Deutschland GmbH



## The Problem



## Bending badly leads to back problems!



Manual pallet strapping causes back problems; requires more staff; and leads to additional costs due to sick leave. Avoid it!

**Back pain is the most frequent cause of sick leave.  
Main reasons are a bent working position and wrong bending.**



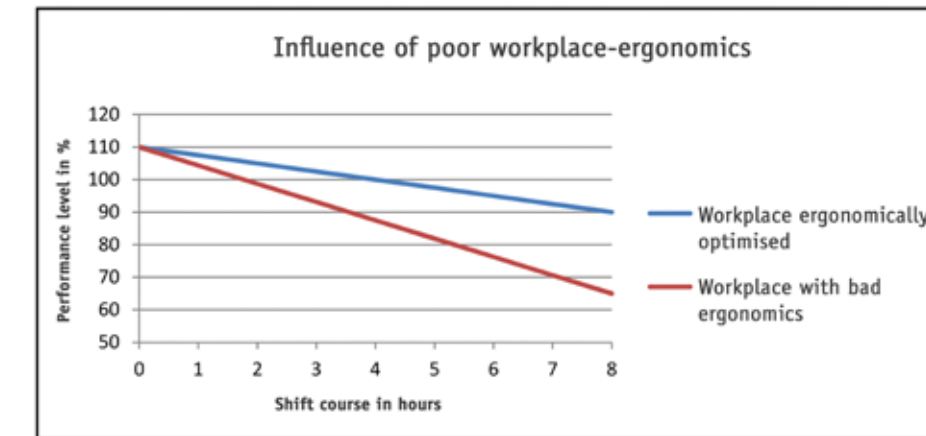
**40 million days absent per year caused by back pains**



**9 billion € expenses for backache treatment in Germany every year**

Source: Health reports DAK and TK (German Health insurances)

**Improve processes by avoiding strain on the body.  
Create more efficient employees by having an ergonomic workplace.**



Source: Firm Quelle, based on workplace studies in shipping department

Keeping an employee's working ability until retirement age will become a substantial factor for any enterprise in the course of demographic development.

It has to be the goal of each organisation that employees can and want to be more productive.

To guarantee employment throughout a whole working life, we have to start rethinking. Ergonomic workplaces and changes in processes to help a workforce of all ages, will become more and more important.

It is proven that ergonomically-optimised workplaces lead to more productivity. Think ahead to increase your competitiveness and workforce engagement.



**But most of all: Show your employees that you care about their health.**

Source: Health reports DAK and TK (German Health insurances)



## The Solution

**With ErgoPack:**

Strapping 50 pallets per day with  
2 strappings each means for the operator

exactly  
0 times bending down  
and  
0 times walking around  
pallets

per year



## ErgoPack – ergonomic, easy to learn, efficient



1

Roll the ErgoPack in front of the pallet. The ChainLance pulls the strap through under the pallet and up again on the rear side and over the pallet...



2

...right into the hand of the operator. Then the ChainLance retracts. The strap lifter hands the other end of the strap to the operator at working height...



3

...and the strap is tensioned and welded securely by the sealing head.

# ErgoPack´s added value

Ergonomic, easy, efficient – that´s ErgoPack.

## Ergonomic

ErgoPack is ergonomic: no bending down, no wal-king around the pallet.

This means: ErgoPack minimises the risk of injuries and prevents back problems.

When strapping pallets manually, the operator has to bend down twice and walk around the pallet once. For a properly strapped pallet with two strap-pings, this means bending down four times and walking around twice.

50 pallets daily, with 2 strappings each, during 250 working days per year results in:  
Bending down 50,000 times and 25,000 walks around pallets. ErgoPack puts an end to this!

## Easy

ErgoPack is easy to learn and comfortable to use. Your advantage: Short training period for your em-

ployees, a little appreciated job suddenly becomes interesting and enjoyable.

Plus: With a higher safety level for the users, there have been no accidents reported to us after more than 8,500 systems delivered globally.

## Efficient

Reduced risk for back problems! Fun and motivation! More safety during the strapping process! A higher profitability and efficiency! Which means for you: More efficient working processes lead to more pro-ductivity and safer workplaces.  
Positive side-effect of the efficiency: Gain of time!

We estimate:

Even professionals take two minutes to strap a euro-pallet by hand twice.  
ErgoPack can do it in less than 60 seconds.

**Gaining time is an extra benefit free of charge!**

But see for yourselves:

| Pallets per day | Time-saving per day | Time-saving per month |
|-----------------|---------------------|-----------------------|
| 10              | 10 minutes          | 3.7 hours             |
| 30              | 30 minutes          | 11 hours              |
| 50              | 50 minutes          | 18.3 hours            |
| 100             | 100 minutes         | 36.7 hours            |

# What our customers say...



“We, the BVZ Berliner Zeitungsdruck GmbH (newspaper printer), have been using the ErgoPack system since November 2014. Every single day we strap about 40 pallets several times and the ErgoPack machine perma-nently provides reliable service. Thereby, this process is carried out in an ergonomic, economically reasonable, time saving and thus process optimised way. We do not want to miss this machine anymore in our dispatch department.”

BVZ Berliner Zeitungsdruck GmbH



“Our first machine has been working reliably throughout the past years. We strap about 250 pallets per day, in parts several times. The systems are easy to use and very flexible. Our employees now don´t have to walk around the pallet or thread the strap underneath the pallet.”

Getriebe- und Antriebstechnik Wernigerode



“We have been working very successfully with the ErgoPack system for more than 3 years. The ease of work for our employees has been a great benefit and everybody is very pleased. Our wide and high pallets can be strapped easily and even quicker than by hand. The machine is very reliable and sturdy.”

HKT Wellpappen Verarbeitung GmbH

For more reports: [www.ergopack.de](http://www.ergopack.de)



## AGR Seal of Approval

What characteristics does a product have to fulfil to provide the spinal column and the locomotor system with optimum support, providing relief and not acting as a burden for the user?

As this is not immediately apparent in most products and as industry and the retail sector do not have a clear view, the “Aktion Gesunder Rücken (AGR) e.V.” has developed a decision-making aid for consumers:

The AGR Seal of Approval.

### Independently verified

The AGR Seal of Approval is awarded only to products whose back-friendly design has been verified by an independent testing committee made up of experts from various medical disciplines.

The special, and at present probably unique, feature of the seal is the medical, multidisciplinary appro-

ach to deciding which products receive the AGR Seal of Approval, without being influenced by industry.

### Purchase decision

Products with a back-friendly design are essential and important aids in both preventing backache and in treating diseases of the locomotor system.

But it is not always easy to decide which product is the right one.

The seal of approval developed by the AGR, together with Germany’s two largest back school associations therefore provides valuable assistance for consumers when purchasing ergonomic everyday products such as office furniture; car seats; beds; bikes; upholstered furniture; shoes; backpacks; furniture for children and home workstations etc.



[www.agr-ev.de](http://www.agr-ev.de)

### Multiple awards

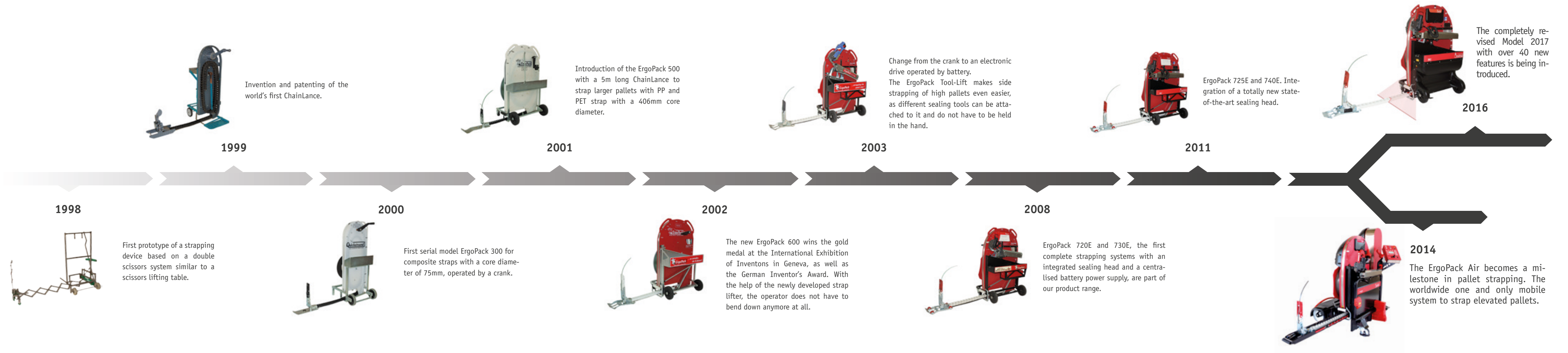
The AGR Seal of Approval even received the accolade “very good” from the “ÖKOTEST” consumer magazine.

The evaluation forum “Label Online”, promoted by the German Department of Justice and Consumer Protection awarded the AGR Seal of Approval as “highly recommended”.

The strict testing criteria and the composition of the committee with designated medical experts means that the AGR Seal of Approval is well accepted in the medical world. For consumers the seal has become established as a clear decision making aid, showing that:

**ErgoPack is a back-friendly product.**

## ErgoPack's Story of Success – Over 8,500 systems sold in 55 countries – The Global Market Leader





## Models 712E / 725E / 740E



- Electrically driven ChainLance, electronically controlled speed via joystick
- Fully integrated sealing head
- Tool-Lift for sealing head

- Full covering for increased working safety
- Ergonomically shaped handles for comfortable handling

- **Maximum pallet sizes:**  
Width up to 2.4m / Height up to 2.3m
- **Suitable types of strap:**  
PP and PET straps
- **Strap width:**  
712E: 9mm - 13mm  
725E: 12mm - 16mm (optional 9-11mm)  
740E: 15mm - 19mm
- **Tensioning force sealing tool:**  
712E: 150N - 1.200N  
725E: 400N - 2.500N  
740E: 400N - 4.000N
- **Length of the ChainLance:**  
6m / extendable to 7m
- **Dimensions:**  
Width 0.77m / Height 1.2m / Depth 0.63m
- **Weight:**  
92,4kg (incl. battery)
- **Battery:**  
24V AGM battery

## Model 700E



- As models 712E / 725E / 740E, but without sealing head and Tool-Lift

## Model 700



- As model 700E, but with a manually driven ChainLance via crank

## Special Equipment

### 1. Headpiece with bumper

For strapping pallets with lateral overlappings up to 40mm, e.g. cardboard covers or uneven side surfaces.

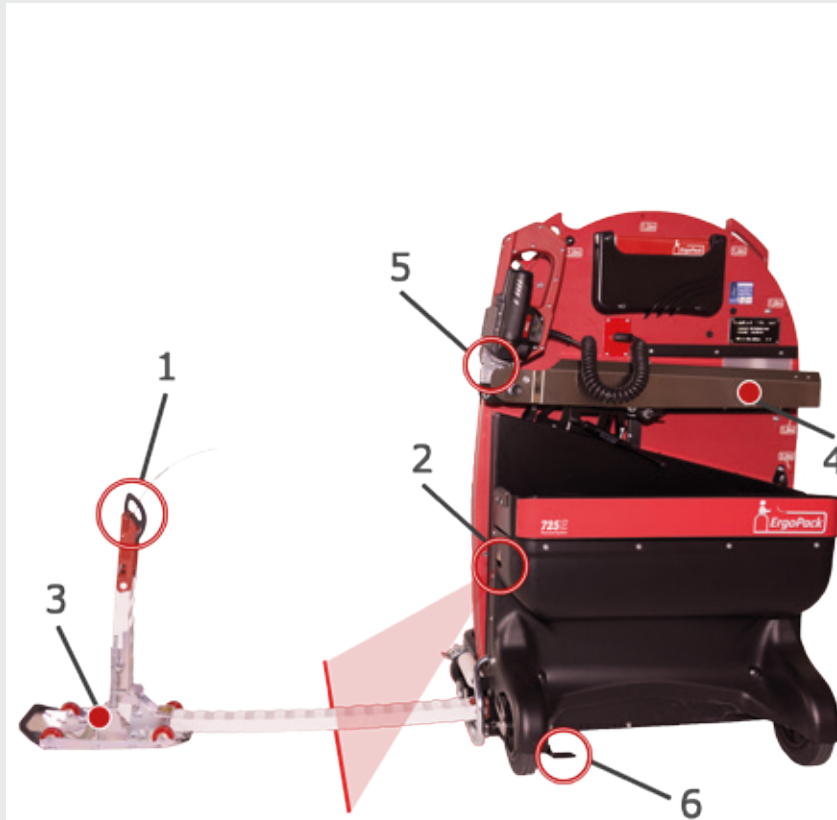
### 2. Line-Laser

The Line-Laser indicates the distance and the alignment of the machine to the pallet, which simplifies the positioning of the machine in front of the pallet. **(Not possible with model 700)**

### 3. Reversing sledge

Reversing sledge 85 S: Smaller version of the standard sledge. Minimum clearance width: 160mm.

Reversing sledge 47: For strapping pallets of a minimum clearance height of 47mm.



### 4. Triplex-Tool-Lift (TTL)

The Triplex-Tool-Lift enables tensioning and sealing not only on the side of a pallet (side sealing), but also on the top (top sealing). Minimum pallet height for side sealing is 760mm. Maximum pallet height for top sealing is 780mm.

### 5. Sealing head removable from the Triplex-Tool-Lift

If the strap needs to be tensioned and sealed in positions which cannot be reached by the Triplex-Tool-Lift, e.g. inside a mesh transport box or with horizontal strapping.

### 6. Strap brake relief

The brake resistance of the strap roll can be reduced to 20% by simply pushing a foot pedal. The manual pulling out of an additional strap is made much easier.

## Accessories

Strapping for scantlings – with the Stationary Sledge Tunnels or the Mobile Sledge Tunnel Station.



### Mobile Sledge Tunnel Station

Flexible and precise. The Mobile Sledge Tunnel Station straps pallets including scantlings. The distance of the scantlings can be adjusted continuously by the aid of an integrated tape measure. Always adapted to your needs – the Mobile Sledge Tunnel Station is manufactured according to your requirements.

### Stationary Sledge Tunnels

The Stationary Sledge Tunnels are fixed on the floor and can be used with every standard ErgoPack system. The Tunnels are individually adapted to the width of your scantlings.



## Accessories

### Mobile Overheight Module – Enables strapping of pallets up to 3m height

This custom-made accessory is designed to strap pallets of up to 3m high.

It is an ideal solution to strap pallets with protruding products or sensitive goods, (such as varnished surfaces), securely and gently.

Attaches to the ErgoPack machine via a detachable quick fastener.

Once the Mobile Overheight Module gets separated from the ErgoPack machine, conventional pallets of up to 2,3m height can be strapped as usual.



Machine in use



Quick fastener - lateral



Quick fastener - detail



## ErgoPack AIR

ErgoPack AIR 712-580 / 725-580 / 740- 580 – Ergonomic pallet strapping system for raised pallets.



- The ErgoPack Air is a revolutionary innovation in pallet strapping. The world wide one and only mobile system to strap raised pallets.
- For use on conveyor lines, lifting tables or tugger trains

For detailed information, please ask for our ErgoPack Air brochure or visit us at [www.ergopack.de](http://www.ergopack.de)





## ErgoPack Deutschland GmbH

Ergonomic Pallet Strapping Systems  
Hanns-Martin-Schleyer-Strasse 21  
89415 Lauingen  
Germany

FON: +49(0)9072 / 702 83-0

FAX: +49(0)9072 / 702 83-29

E-Mail: [info@ergopack.de](mailto:info@ergopack.de)

Web: [www.ergopack.de](http://www.ergopack.de)