



X-pert Line

Healthy pallet strapping

Secure load units ergonomic, easy and efficient



**Health
is the primary
duty in life.**



Oscar Wilde
Author

The problem

Did you know that...

Strapping **50 pallets** per day with 2 straps each means each year the operator at least

50.000 × 
25.000 × 

And with you?

Strapping per day with 2 straps each means each year the operator at least

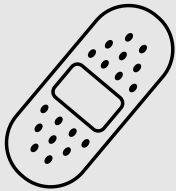
× 
 × 



Manual pallet strapping causes back problems, requires more staff and leads to additional costs due to sick leave. **You can avoid it!**

Sick leave

Ø5¹ days of sick leave per employee per year in every company in average, just caused by back pain.



Lack of motivation

Working in a **bent position** is stressful & painful for employees.



Time spent

Most of all companies need **two minutes** for the strapping process, ErgoStrap does it in 40 seconds.



Calculation example:
For manual strapping, the operator has to bend down 2 times and walk around the pallet 1 time.
With 1 pallet per day with 2 strapping operations and an average of 250 working days, this results in 1000 times bending and 500 times walking around the pallet.

¹ American Journal of Public Health - Back pain prevalence in U.S. industry of lost workdays

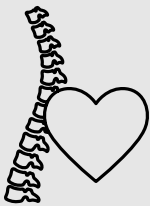
The solution



More efficient employees due to physical relief. Your employees will thank you!

Ergonomic

No bending, low risk of injury, **prevent back problems!** Enthuse your employees, they will be thankful.



Easy

Simple operation, quick training of your employees and suddenly strapping is fun.



Efficient

67% faster pallet strapping ensures more **efficient workflows**.



The original



Roll the **ErgoStrap** in front of the pallet. The ChainLance pulls the **strap** through under the pallet.



Up again on the rear side and over the pallet into the hand of the operator. The **ChainLance** retracts.



The strap lifter brings the 2nd strap end. The **sealing head** welds the strap securely.



Here you can find our satisfied and enthusiastic customers.
<https://www.ergostrap.com/testimonials>



Testimonials



BASF

CATERPILLAR



BOSCH



PHILIPS

SIEMENS

Satisfied customers are what makes us happy

Our customers are the focus of what we are doing. The quality of our efforts is therefore only measured by the satisfaction of our customers.

Key Areas of application

Pharmaceutical
Packaging
Third-Party Logistics (3PL)
Manufacturing
Automotive
Military



Over **4 bn.** bend-overs eliminated and more than **65,000** users strap safe, healthy, and efficient.

ErgoStrap Success story



In our **25**-year company history, we can already look back on more than **20,000** systems sold in **60** countries.

As the world's leading manufacturer of ergonomic, mobile pallet strapping systems, we are represented in more than **40** countries.

X-pert Line

<https://youtu.be/b-sBHobCKyc>



E-conomy Line



713X / 726X / 745X

- 2598"/min (+65% compared to the E-conomy line)
- 1,200 Strapping cycles (+340%)
- Intuitive guidance

THAT IS ALREADY PART OF IT

- With electronically controlled drive & control via Joystick
- Lithium battery
- Charger
- Line Laser
- ErgoStrap Tool-Lift
- Sealing tool
- Control via industry touchscreen

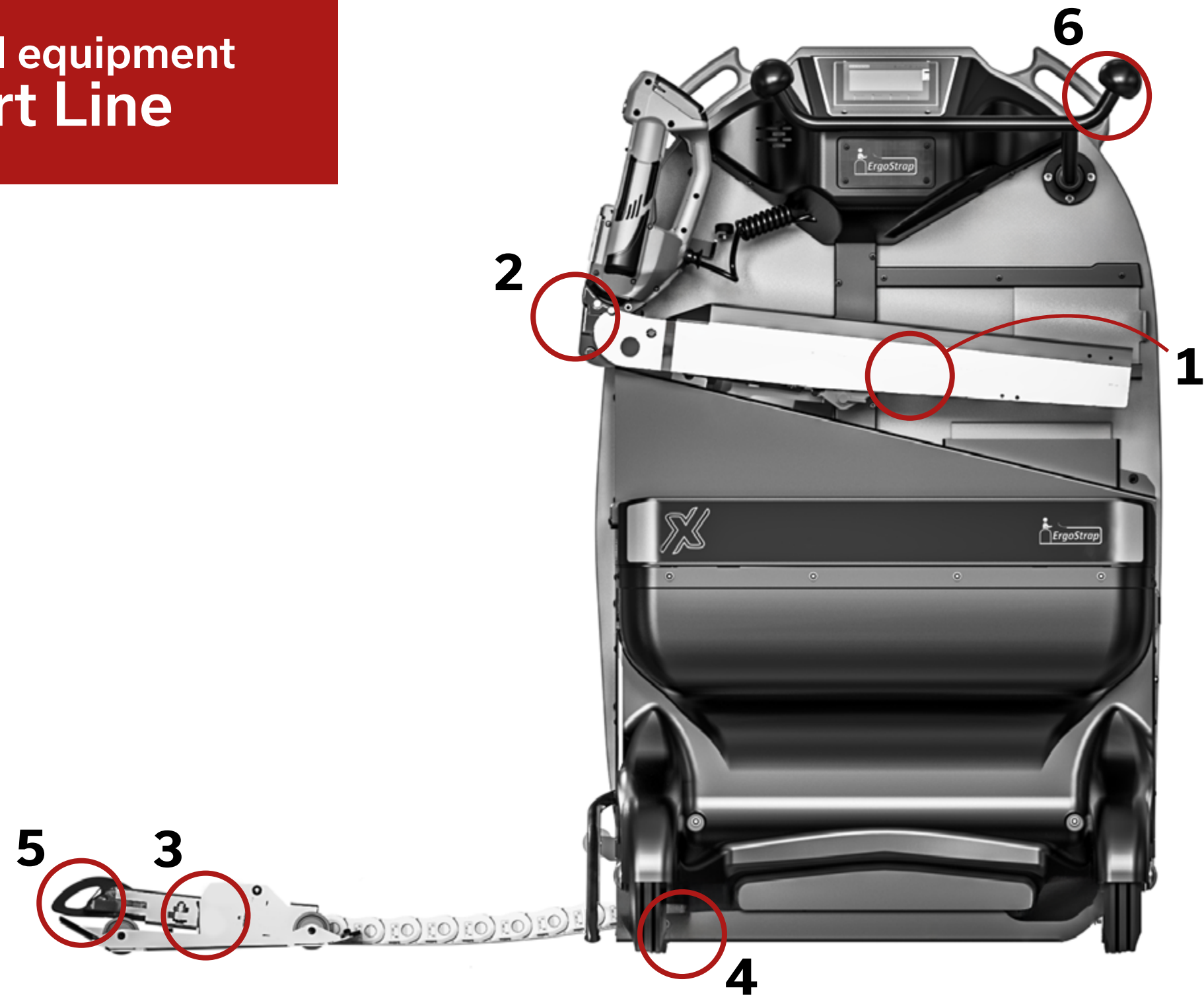


713E / 726E / 745E

- 1575"/min
- 350 Strapping cycles
- Mechanically control

THAT IS ALREADY PART OF IT

- With electronically controlled drive & control via Joystick
- 24V AGM Battery pack
- Charger
- ErgoStrap Tool-Lift
- Sealing head



1 TRIPLEX-TOOL-LIFT

For pallets from 4" and higher
(replaces the standard ErgoStrap Tool-Lift).



4 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.



2 SEALING HEAD REMOVABLE

Adapter for quick and easy removal of the sealing head from the Triplex-Tool-Lift.



5 HEADPIECE WITH BUMPER

For strapping pallets with lateral overlappings up to 1,6", e.g. cardboard covers or uneven side surfaces.



3 REVERSING SLEDGE

Reversing sledge 47S
Special sledge for pallets with a clearance width of less than 7.3"

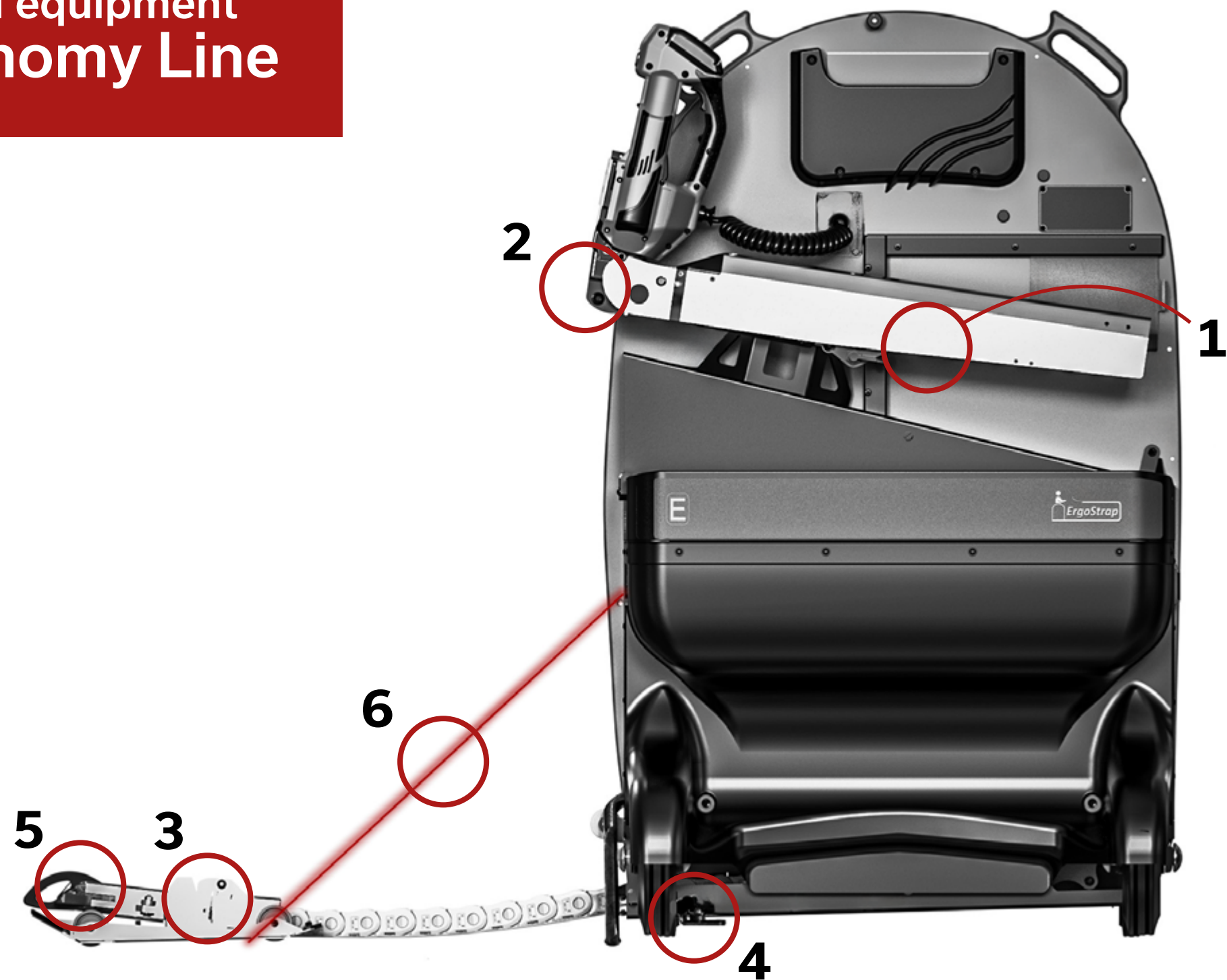
Reversing Sledge 85
For standard EPAL

Reversing Sledge 47L
Special sledge for pallets with a longer skid



6 EASY MOVE ASSISTANT

Adapter for even easier moving of the ErgoStrap.



1 TRIPLEX-TOOL-LIFT

For pallets from 4" and higher
(replaces the standard ErgoStrap Tool-Lift).



2 SEALING HEAD REMOVABLE

Adapter for quick and easy removal
of the sealing head from the Triplex-Tool-Lift.



3 REVERSING SLEDGE

Reversing Sledge 85L
Special sledge for pallets with a longer skid, height 3.4"

Reversing Sledge 47S
Special sledge for pallets with and a clearance width of less
than 7.3"

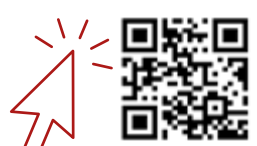
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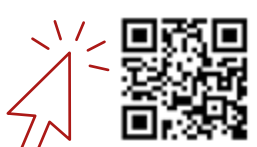
5 HEADPIECE WITH BUMPER

For strapping pallets with lateral overlappings up to
1,6", e.g. cardboard covers or uneven side surfaces.



6 LINE LASER

A red laser line enables to position the
machine fast, precise and safe in front of the
pallet.



Basic models

		ErgoStrap X-pert Line				ErgoStrap E-conomy Line				
Standard equipment	Model	700X	713X	726X	745X	700	700E	713E	726E	745E
										
	Power	235W	235W	235W	235W	–	93W	93W	93W	93W
	Drive	Electric motor with reinforced angle gear, electronically controlled				manually via a hand crank	Electric motor with spur gear, electronically controlled			
	Battery	Lithium battery (inter-charging possible)	Lithium battery (inter-charging possible)	Lithium battery (inter-charging possible)	Lithium battery (inter-charging possible)	–	2 x 12V AGM	2 x 12V AGM	2 x 12V AGM	2 x 12V AGM
	Operating voltage	36V	36V	36V	36V	–	24V	24V	24V	24V
	Strapping cycles / battery charge (standard strapping)	1,200	1,200	1,200	1,200	–	350	350	350	350
	Charger	36V Charger, 10A	36V Charger, 10A	36V Charger, 10A	36V Charger, 10A	–	2 x 12V Dual Charger, 2A	2 x 12V Dual Charger, 2A	2 x 12V Dual Charger, 2A	2 x 12V Dual Charger, 2A
	Chainspeed	2598"/min	2598"/min	2598"/min	2598"/min	–	1575"/min	1575"/min	1575"/min	1575"/min
	Pallets width setting	via Siemens Industrial Touchscreen in 4" steps, works with work gloves				mechanically, by inserting a bolt in the appropriate position in 20cm steps				
Other settings	individual setting options via the Siemens Industrial Touchscreen, such as: - Chain speed, - Chain length, - standby timer, - Strap lifter time for upper position, - Line Laser on/off, - Sealing head on/off				–	–	–	–	–	
Indicators	- charging level indicated graphically and in %, - set pallet width, - permanent graphically indication of the ChainLance position, - strapping cycles, - sliding window open graphically and in writing, - safety instructions, - menu-driven step by step description for semi automated strap roll change				–	3 LEDs indicating charging level and sliding window „open“				
Software update	easy update via USB stick				–	only by manufacturer				

		ErgoStrap X-pert Line				ErgoStrap E-conomy Line				
Model		700X	713X	726X	745X	700	700E	713E	726E	745E
										
Standard equipment	AGR certificate	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Chainlance	special, glass fiber reinforced, high strength soft-slide chain								
	Tool-Lift	–	✓	✓	✓	–	–	✓	✓	✓
	Sealing head	–	✓	✓	✓	–	–	✓	✓	✓
	Tension force	–	150N – 1200N	400N – 2500N	400N – 4500N	–	–	150N – 1200N	400N – 2500N	400N – 4500N
	Strap type	PP/PET	PP/PET	PP/PET	PP/PET	PP/PET	PP/PET	PP/PET	PP/PET	PP/PET
	Strap width	3/8" – 3/4"	3/8" – 1/2"	1/2" – 5/8"	5/8" – 3/4"	3/8" – 3/4"	3/8" – 3/4"	3/8" – 1/2"	1/2" – 5/8"	5/8" – 3/4"
Strap thickness	0.019" – 0.051"	0.019" – 0.031"	0.019" – 0.040"	0.031" – 0.051"	0.019" – 0.051"	0.019" – 0.051"	0.019" – 0.031"	0.019" – 0.040"	0.031" – 0.051"	
Special equipment	Triplex-Tool-Lift	–	✓	✓	✓	–	–	✓	✓	✓
	Sealing head removable	–	✓	✓	✓	–	–	✓	✓	✓
	Line laser	✓	✓	✓	✓	–	✓	✓	✓	✓
	Strap brake relief	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Reversing sledge	85 / 47S	85 / 47S	85 / 47S	85 / 47S	85 / 85S / 47S	85 / 85S / 47S	85 / 85S / 47S	85 / 85S / 47S	85 / 85S / 47S
	Headpiece with bumper	✓	✓	✓	✓	✓	✓	✓	✓	✓
Accessories	Mobile overheight module	✓	✓	✓	✓	–	✓	✓	✓	✓
	Sledge tunnel stationary	✓	✓	✓	✓	–	✓	✓	✓	✓
	Mobile sledge tunnel station	✓	✓	✓	✓	–	✓	✓	✓	✓

*Standard strapping:
Battery pack: 100 charging- and discharging-cycles | Strap: 1/2" PET (complete strap roll) | Sealing Tool: 726, Tension Force 200 lbf without soft, Welding time 2nd range | Pallet: pallet width 32", pallet height 45" | Strapping speed: fast | Room temperature: 68 °F

Other models

700X

- With electronically controlled drive & control via Joystick
- Lithium battery
- Charger
- Control via industry touchscreen



700E

- With electronically controlled drive & control via Joystick
- 24 V AGM battery pack
- Charger



700

- Manually drive via a hand crank

ErgoPack REV



RE

RETHINK
REDUCE
RESTRAP

Simple operation via
touchscreen and joystick with
intuitive user guidance.

Velcro straps: reusable, sustainable,
up to 10,000 cycles per strap.

1200 strapping cycles with the
lithium battery.



Accessories



GENERATION 3 OVERHEIGHT MODULE

Height- and width-adjustable for greater flexibility.

The new Generation 3 mobile height-extension module stands out with even greater flexibility for handling a wide range of goods, combined with maximum user convenience.

Thanks to its electric height adjustment of up to 3 meters and mechanical width adjustment of up to 1.60 meters, the module can be perfectly tailored to your specific requirements.

<https://youtu.be/yBVBeAe6HIg>



<https://youtu.be/mDCOVC6txfE>



STRAPPING FOR SCANTLINGS

Stationary Sledge Tunnels

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



<https://youtu.be/c-T20Yeu7Cw>



STRAPPING FOR SCANTLINGS

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. The entire station can be moved to wherever you need to strap.

ErgoStrap PowerStrap

THE SPINE
OF YOUR
LOAD

Available
in our
online shop



Applications
of ErgoStrap
with PowerStrap



Located in U.S. and Germany

ErgoStrap Inc.

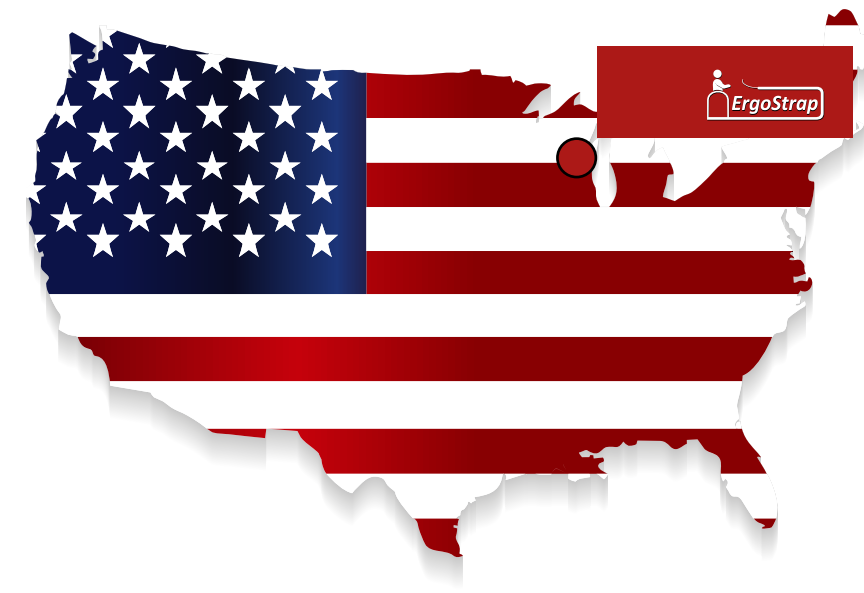
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Technological expertise in the field of pallet strapping has been the foundation of our company ever since its inauguration in 1999. In this context we develop, manufacture and distribute mobile pallet strapping systems of the highest quality which are unique worldwide. Our goal is to significantly improve safety and ergonomics in the field of manual pallet strapping.

Thereby we endeavour to improve the health and motivation of all users, as well as the efficiency of our customers' logistical processes. At the same time we completely re-define the field of pallet strapping by focussing on innovative products with high functionality as well as unique patented selling points.

Customer service

“
**YOUR
SATISFACTION
IS OUR MISSION**

Always close to you

INTERESTED? ON-SITE EXPERIENCE OR DIGITAL DEMOS



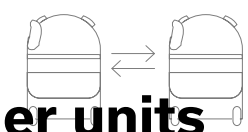
Training

The training service will help your employees to become familiar with the ErgoStrap immediately. Arrange a training for your employees when you order your system. Your ErgoStrap expert will deliver your system personally and train your employees.



Service by phone

If you report us a disturbance of your strapping system, our technicians will initially try to solve the problem together with you by phone. This works in three of four cases



Loaner units

If the cause of the defect cannot be found, we will send you right away one of our loaner units. Thus you will be able to continue to work the next day.



Repair

Your defective machine will be checked and repaired at our service center in Waukesha and sent back to you at short term.

Are you interested in the ErgoStrap system - but unsure if it's the right fit for your application?

We'd be happy to visit you and demonstrate the system and all its capabilities - live, in your environment, with your pallets, and for your team.



Free of charge and without obligation. You'll also receive a custom-tailored offer, perfectly adapted to your individual needs.

No time for an on-site visit?

We also offer comprehensive virtual demonstrations - flexible, interactive, and just as personal. Our team will guide you step by step to ensure smooth integration and confident use of the ErgoStrap system.



ErgoStrap worldwide

Just talk with us.

We would like to visit you. We demo the system and its possibilities in your application area! With your goods! For your employees! **Free of charge!**

Afterwards you will receive your offer for the best suitable system for your specific application.

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W W W . E R G O S T R A P . C O M

The information regarding construction, scope of supply, appearance, dimensions, weight, and equipment corresponds to the state of knowledge at the time of publication. Changes and errors are reserved.



U.S. v05

