



STRAPPING HEADS & SERVICE

Reliable systems. Unparalleled services.

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*Reduce downtime &
increase safety through
quality, custom systems,
and unparalleled service*

MISSION

COMPANY OVERVIEW

Automated strapping machines



OVERVIEW

Itipack Systems is a world leader in integrated strapping solutions – each of our systems shares in our firm commitment to high value, optimum performance and long-lasting results.

Itipack Systems North America was started in 2001 to provide advanced, custom solutions to industries with specific and unique manufacturing requirements.

ADVANTAGES



Industry best pricing for strapping heads



Discounted OEM Preventative Maintenance Contracts



Targeted 48 hours parts turnaround



25+ Years Of Cumulative Strapping Experience



Strapping heads are ISO 9001 Quality System Certified

STRAPPING HEADS



PLASTIC STRAP SERIES

NEW

ITP80 - TH0



Head Type	ITP80 - TH0
Dimensions	Width 370 mm; Height 490 mm; Length 500 mm;
Weight	70 kg;
Strap Width	9 - 19 mm;
Strap Thickness	PP strap 0.6 - 1.0 mm; PET strap 0.5 - 1.4 mm;
Max Strap Tension	up to max. 8000 N
Smallest width of packing unit	120 mm;

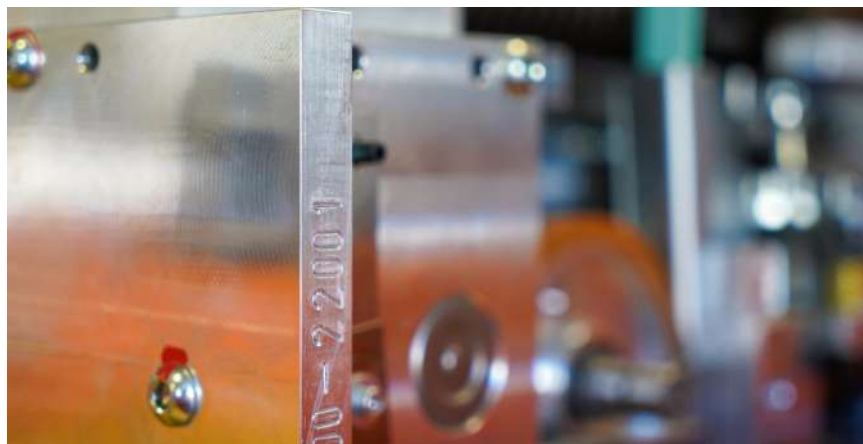
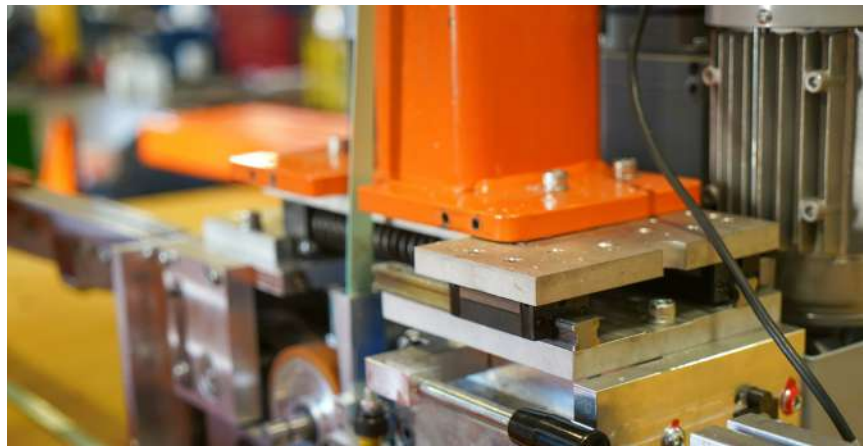
Benefits:

- High Max tension Force
- 8% Faster Than Previous Model
- Advanced / Controlled Heater Blade
- Up to 90% Join Efficiency
- All Electric (AC) or Servo Motor Options
- Internal Floating Head Mechanism
- Automatic Refeed Feature
- Automatic Fume Extractor
- New Strapping Head Stop System
- Integrated Buttons to Control Head in Case of Service
- Index Control
- 50% Reduction in Parts
- Super Easy to Use

STRAPPING HEADS

PLASTIC STRAP SERIES

ITP80 - TH0

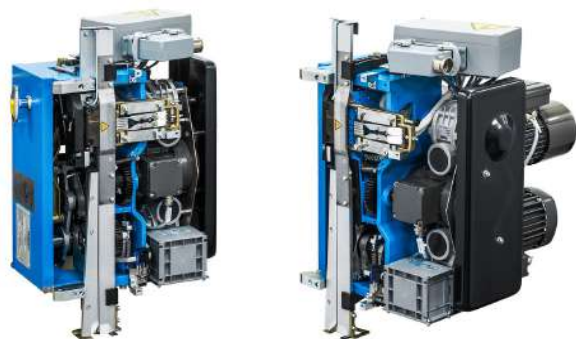


STRAPPING HEADS

PLASTIC STRAP SERIES

With thermo welded joint

VK-20



Head Type	VK - 20
Dimensions	Width 640 mm; Height 460 mm; Length 455 mm;
Weight	80 kg;
Strap Width	9 - 16 mm;
Strap Thickness	PP strap 0.6 - 1.0 mm; PET strap 0.6 - 1.0 mm;
Max Strap Tension	3200 N
Strap Tension Settings	Sensitive setting by timer t2 has to be installed
Smallest width of packing unit	120 mm;

Application

Common strappings with medium tension force and material strength like chipboards, wooden beam, bricks, metal sheet packages etc.

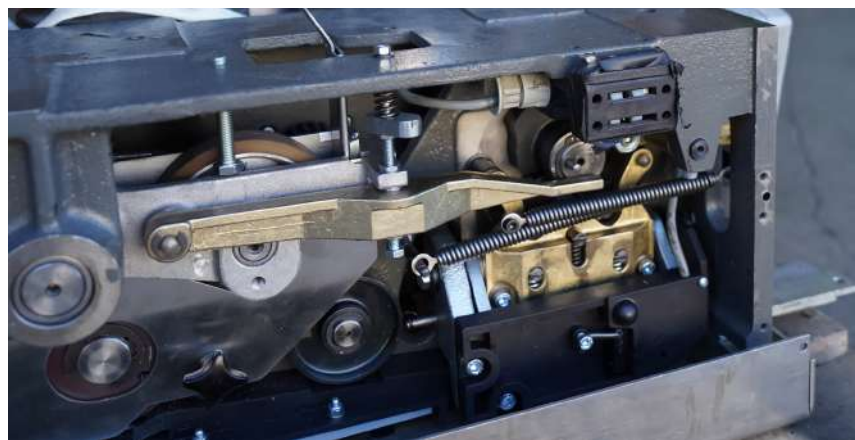
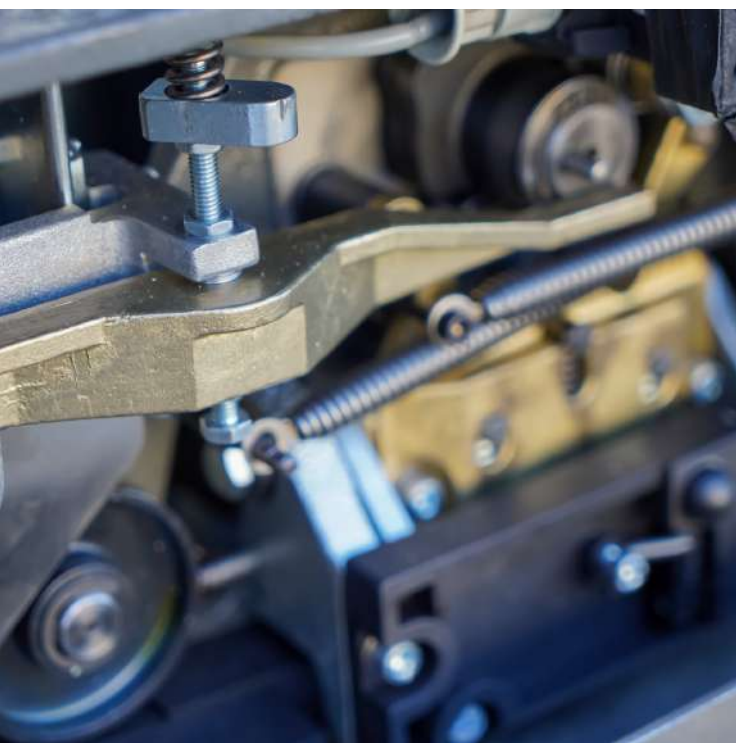
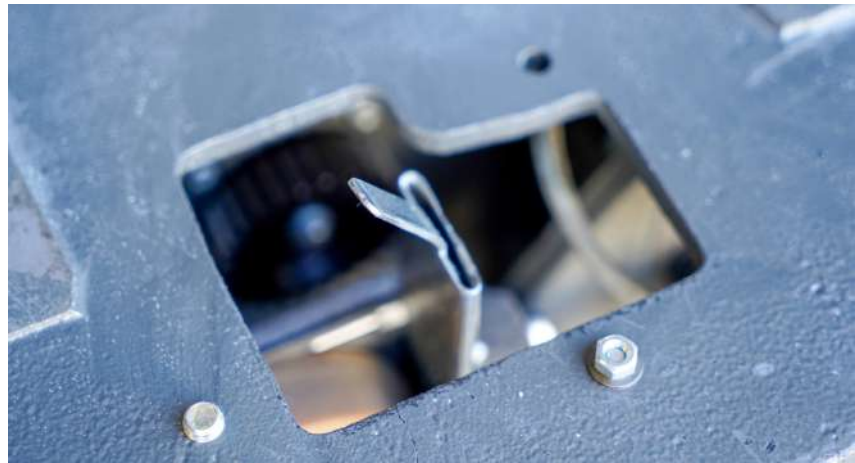
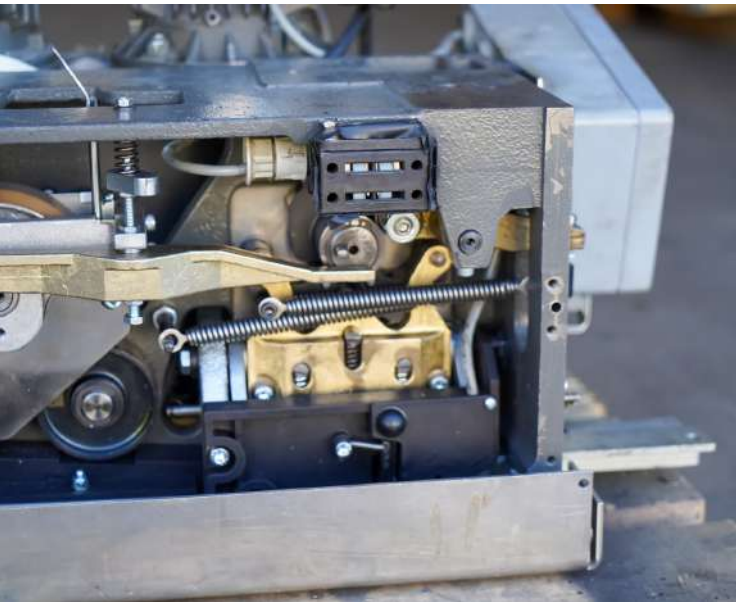
Jack-of-all-trades

Certain areas of application demand maximum flexibility... one way or another. The experts at itipack Systems have developed an excellent solution also for these requirements. The VK20 is the all-rounder of the VK series and compatible with all available strapping heads thanks to the uniform base. This outstanding feature makes the unit extremely popular in industrial applications worldwide. The VK20 shares the classic advantages as well as the ruggedness and reliability with the VK series: This all-rounder also cuts a fine figure in terms of maintenance, ease of service and availability and is set to all eventualities.

STRAPPING HEADS

PLASTIC STRAP SERIES

VK-20



STRAPPING HEADS

PLASTIC STRAP SERIES

VK-30



Head Type	VK - 30
Dimensions	Width 640 mm; Height 460 mm; Length 455 mm;
Weight	75 kg;
Strap Width	16 - 19 mm;
Strap Thickness	PP strap 0.8 - 1.35 mm; PET strap 0.7 - 1.35 mm;
Max Strap Tension	3200 N
Strap Tension Settings	Sensitive setting by timer t2 has to be installed
Smallest width of packing unit	120 mm;

Application

Common strappings with high tension force and material strength like coils, slit coils, profiles, metal sheet packages etc.

Master of its class

VK30 is the head with the largest contact surface in the VK series. The contact surface is at least 120 mm; this shows that high forces are at work in the operating environment of the VK30. The strapping head has been designed to secure pallets and profiles and is therefore considered a loyal companion in the building materials and timber industry. The generated tensioning force of up to 3,200 N acts on polyester straps with maximum dimensions of 19 x 1.27 mm. As with all VK30 heads, joining is accomplished with a heater blade. A special feature of this model is the monitored welding temperature. The harsh industrial use can do no harm to the VK30; it has always been considered extremely reliable and impresses with a robust construction on a VK30 basis, for masterful strapping results in the polyester strap segment.

STRAPPING HEADS

PLASTIC STRAP SERIES

VK-30M



Head Type	VK - 30M
Dimensions	Width 640 mm; Height 455 mm; Length 475 mm;
Weight	85 kg;
Strap Width	16 - 19 mm;
Strap Thickness	PP strap 0.8 - 1.35 mm; PET strap 0.7 - 1.35 mm;
Max Strap Tension	4500 N
Strap Tension Settings	Sensitive setting by timer t2 has to be installed
Smallest width of packing unit	120 mm;

Application

Common strappings with high tension force and material strength like coils, slit coils, profiles, metal sheet packages etc.

Master's big brother

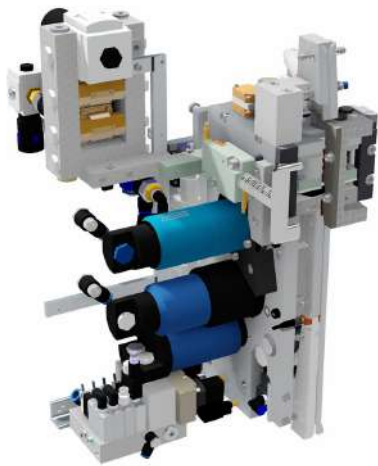
Strong is not strong enough yet? Anyone who wants to rely on the proven features of the VK30M but demands an even higher tensioning force can stop searching. Itipack Systems also offers the right solution for these high-tension requirements: The VK30M is considered the big brother of the VK30 and offers around 40% more tensioning force, up to 4,500 N. One may assume that such a powerhouse would also take up more space.

STRAPPING HEADS

STEEL STRAP SERIES

Light-duty applications

VS - 11L



Head Type	ITS19 - N00
Dimensions	Width 700 mm; Height 400 mm; Length 600 mm;
Weight	120 kg;
Strap Width	13, 16, 19 mm;
Max Strap Tension	1 500 N to 10 000 N adjustable

Application

Light-duty strapping applications; for strapping slit coils, sheet packages, bricks, structural timber, bundles of profiles, etc.

Lots of force, no seal

Using seals for joining is an established method and is simply indispensable in many industries. Nevertheless, the seal joint could also be an avoidable cost factor; therefore, Itipack Systems offers its patented sealless joint as an alternative. The VS-11L works with this joining for optimum processing of packaging steel straps up to 19 mm wide on flat packages. The pneumatic VS-11L is a robust, reliable, easy-to-maintain head for a wide range of applications, with a tensioning force of up to 10 000 N and high joint strength.

STRAPPING HEADS

STEEL STRAP SERIES

Light-duty applications

VS - 11LE



Head Type	ITS19 - NEO
Dimensions	Width 700 mm; Height 400 mm; Length 600 mm;
Weight	120 kg;
Strap Width	13, 16, 19 mm;
Max Strap Tension	1500 N to 10000 N adjustable

Application

Light-duty strapping applications; for strapping of slit coils, sheet packages, bricks, structural timber, bundles of profiles, etc.

With strength, without seal

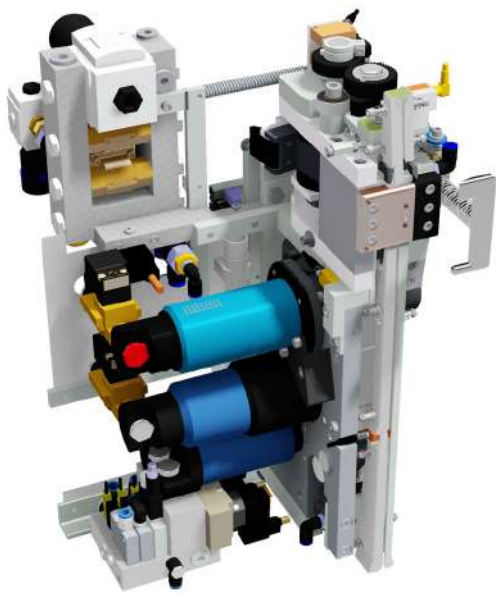
The VS-11LE head is the perfect partner for all steel strapping applications up to a strap width of 19 mm that demand the highest precision and speed. This head works with the patented Itipack Systems sealless joint and therefore has the highest reliability in joining. Thanks to the high strap-transport speed of the VS-11LE, you benefit from maximum efficiency and effectiveness when strapping flat packages. The high-tech servo drive ensures exact head control. Due to its simple, robust and maintenance-friendly technology on a purely electrical basis, the VS-11LE is extremely durable in practical use. The VS-11LE works like clockwork.

STRAPPING HEADS

STEEL STRAP SERIES

Light-duty applications

VS - 12 - L - LD



Head Type	VS12 - L - LD
Dimensions	Width 700 mm; Height 400 mm; Length 600 mm;
Weight	120 kg;
Strap Width	13, 16, 19 mm;
Max Strap Tension	1500 N to 10000 N adjustable
Type	For light strap with one welding joint

Application

For strapping of slit coils, sheet packages, bricks, structural timber, bundles of profiles, etc.

The power of elements

The strapping head VS12-L-LD proves its elemental strength and competence in two respects: On the one hand, it is pneumatically driven and generates an impressive tensioning force of up to 10,000 N, thanks to air pressure. On the other hand, joining takes place by the patented Itipack Systems non-contact welding. This method provides a high joint breaking load at minimal wear and tear. However, the powerful welding process and the high force exerted by air pressure do not distinguish this head. It also works extremely fast and impresses with a high-cycle sequence. Add to that the unbeatable advantages of pneumatics: The VS12-L-LD is outright stable and works reliably even under tough industrial conditions. The VS12-L-LD processes steel strapping in widths of 13, 16 and 19 mm. Therefore, this head is a robust workhorse for light-duty strapping applications.

STRAPPING HEADS

STEEL STRAP SERIES

Light-duty applications

VS - 12 - L - HD



Head Type	VS12 - L - HD
Dimensions	Width 700 mm; Height 400 mm; Length 600 mm;
Weight	120 kg;
Strap Width	19 mm;
Max Strap Tension	1500 N to 10000 N adjustable
Type	For heavy strap with two welding joint

Application

For strapping of slit coils, sheet packages, bricks, structural timber, bundles of profiles, etc.

Heavy gun for light strapping applications

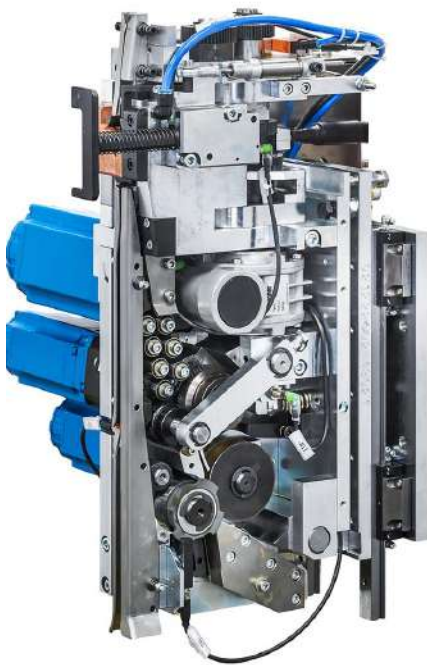
At Itipack Systems, HD does not stand for High Definition but for Heavy-Duty. And the meaning behind this abbreviation is a planned procedure: Everything is designed for heavy-duty use in the field of lightweight strapping applications. The VS12-L-HD has been specially developed for strap thickness varieties in the 19 mm steel strap segment. The tension force of the VS12-L-HD reaches up to 10,000 N. This makes the head the right choice for use on slit coils, in steel service centres, and for pipes and profiles. These applications prove that not only are high demands placed on the head's performance but also on its resilience. The VS12-L-HD gladly accepts the challenge at any time.

STRAPPING HEADS

STEEL STRAP SERIES

Light-duty applications

VS - 12 LE - HD



Head Type	VS 12 - LE - HD
Dimensions	Width 450 mm; Height 570 mm; Length 410 mm;
Weight	120 kg;
Strap Width	13, 16, 19 mm;
Max Strap Tension	1000 N to 10000 N adjustable

Application

Bundling, stacking and securing of packages such as slit coils, sheet packages, structural timber, profile bundles etc.

For the demanding applications of tomorrow

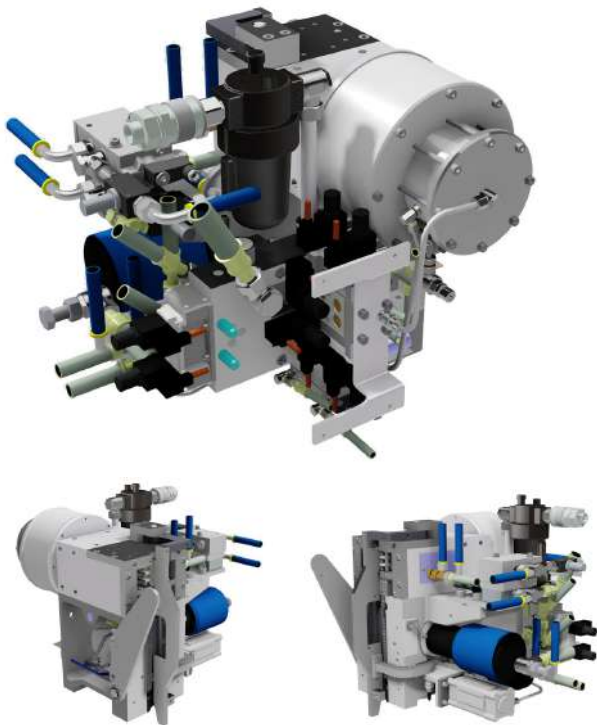
No doubt about it, securing heavy-duty strapping applications remains relevant in the future. This makes it even more important to prepare for the increasing importance of networking. The VS12-LE-HD head from Itipack Systems is the ideal basis for this: The electrical drive technology using servos offer the necessary scope for the digital connection of this head. Specializing in 19 mm steel strapping with a two-spot TIG welded joint builds the bridge between the almost identical VS12-LE-LD for light strapping applications and the more powerful VS32 heads for heavy-duty strapping applications. For all those who do not want "either-or" but "and."

STRAPPING HEADS

STEEL STRAP SERIES

Light-duty applications

VS - 31



Head Type	VS 31
Dimensions	Width 610 mm; Height 616 mm; Length 600 mm;
Weight	240 kg;
Strap Width	19, 25, 32 mm;
Max Strap Tension	2000 N to 20000 N adjustable

Application

Light-duty strapping applications; for strapping slit coils, sheet packages, bricks, structural timber, bundles of profiles, etc.

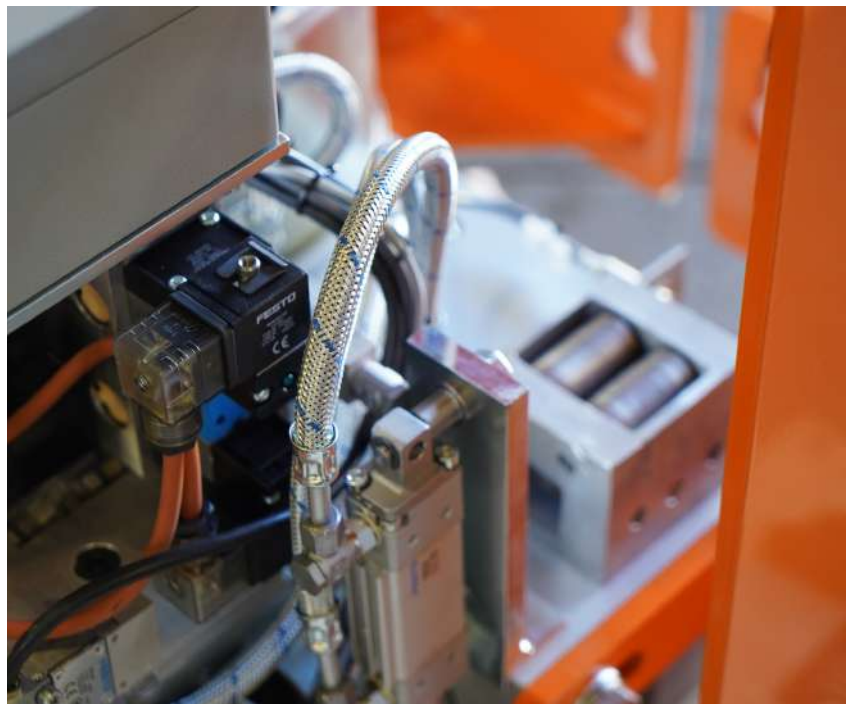
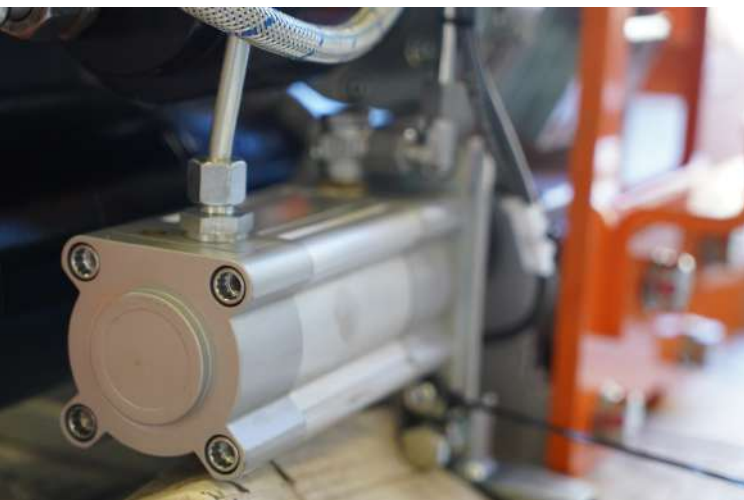
High-performance pneumatic steel strapping head

High-performance pneumatic steel strapping head The VS31 fully automatic strapping head is a high-performance strapping system, particularly for heavy-duty use in steel and rolling mills. The VS31 is used for strapping coils, panels, sections, billets or wire in a reliable and secure manner. The new safety joint is formed by successive punching. The VS31 3-notch punch joint effectively prevents the strap from reopening. The sealing performance of the joint achieves up to 85% of the breaking load of the strap. The fully automatic VS31 strapping machine is an efficient strapping system for heavy-duty applications in 1-inch [25mm] and 1.25-inch [32mm] strap widths. The Titan VS31 is especially suitable for heavy-duty use in the metals industry.

STRAPPING HEADS

STEEL STRAP SERIES

VS - 31

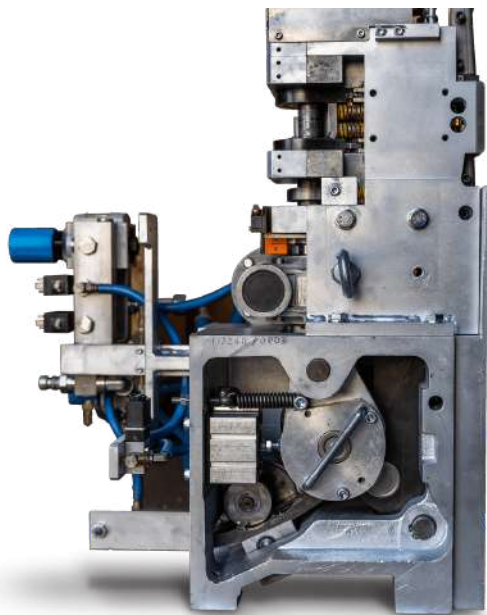


STRAPPING HEADS

STEEL STRAP SERIES

Light-duty applications

VS - 32



Head Type	VS 32 - L / VS 32 - R
Dimensions	Width 580 mm; Height 750 mm; Length 680 mm;
Weight	200 kg;
Strap Width	19, 25, 32 mm;
Max Strap Tension	4000 N to 20000 N adjustable

Application

Light-duty strapping applications; for strapping slit coils, sheet packages, bricks, structural timber, bundles of profiles, etc.

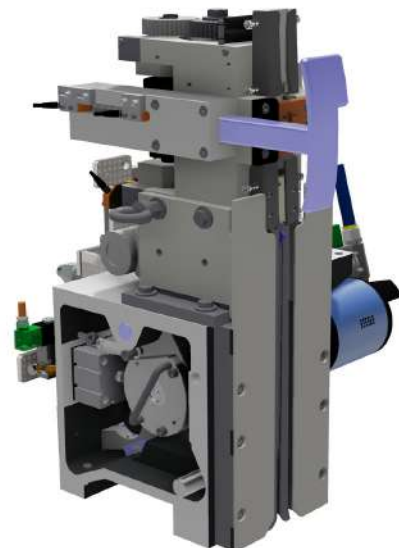
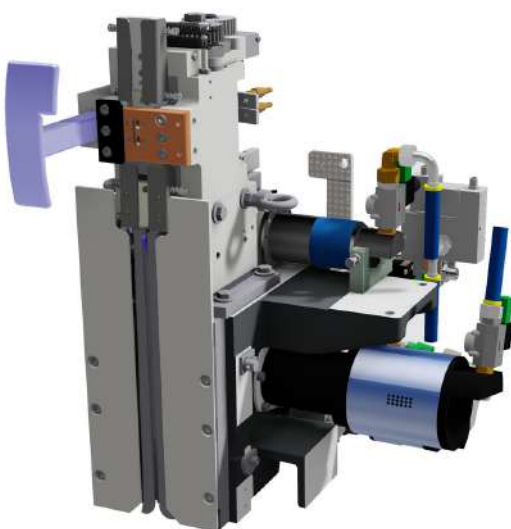
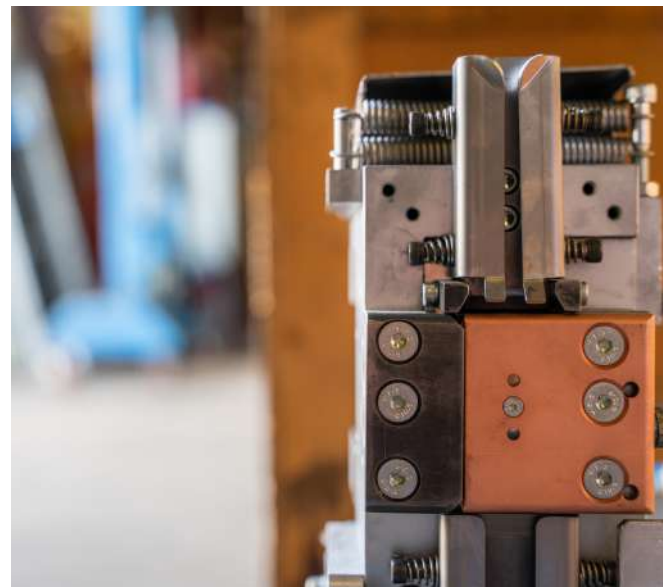
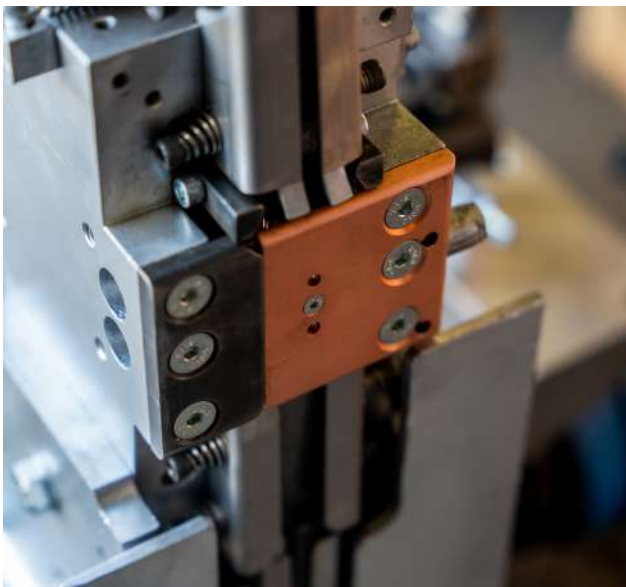
High demands, low cost per joint

When it comes to heavy-duty strapping applications and meeting the highest demands in every respect, the VS32-L heads from Itipack Systems are the right choice. They feel at home in the heavy industry when strapping coils, tubes and profiles. Thanks to their robust construction and technology, they are extremely reliable in these areas. And fast: A transport speed of 1.7 m per second allows the strapping of very large objects in a flash. Speaking of "in no time," the proven pneumatics of the VS32-L heads generate a tensioning force of up to 20,000 N using air pressure. This enormous clamping force requires high joining strength with the help of two welding spots produced without contact using the Itipack Systems welding process. With the VS32-L-R product variant, strapping planar packages with a contact surface of 150 mm and circular packages from 700 mm is possible thanks to a smaller base plate. For the VS32-L heads, Itipack Systems can guarantee excellent availability to meet the high demand because the heavy industry is often about being there fast.

STRAPPING HEADS

STEEL STRAP SERIES

VS - 32

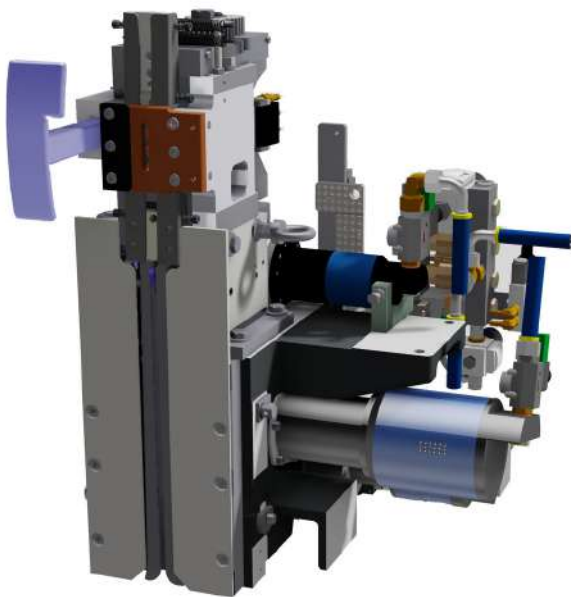


STRAPPING HEADS

STEEL STRAP SERIES

Heavy-duty applications

VS - 32 LSM



Head Type	ITS32 - W3S
Dimensions	Width 580 mm; Height 770 mm; Length 680 mm;
Weight	200 kg;
Strap Width	32 mm;
Max Strap Tension	4000 N to 20000 N adjustable

Application

Light-duty strapping applications; for strapping slit coils, sheet packages, bricks, structural timber, bundles of profiles, etc.

Extreme strength meets enormous reliability

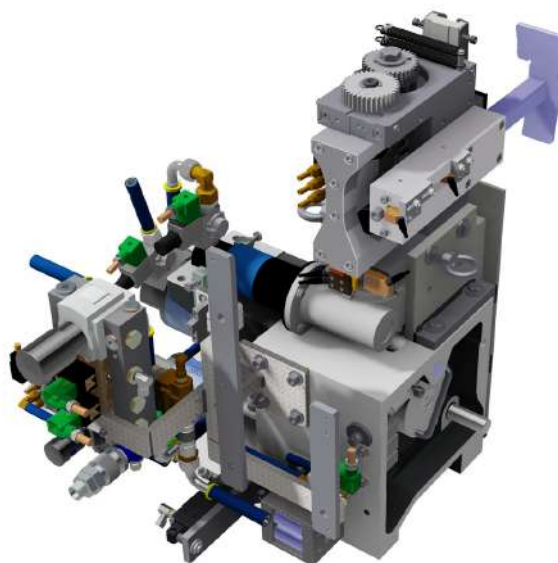
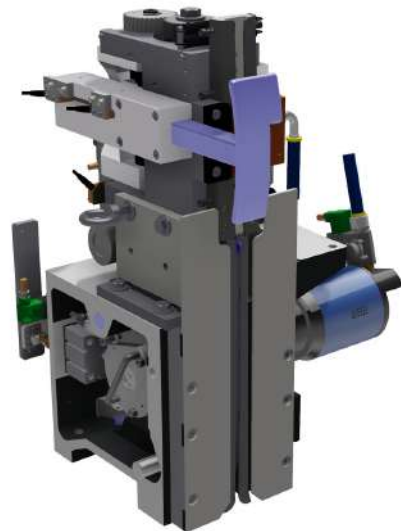
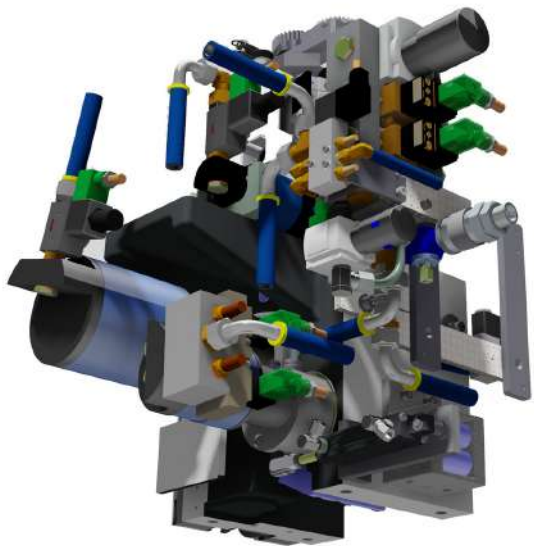
Strapping heads for heavy-duty strapping applications are part of Itipack Systems' daily business. However, applications exist that pose challenges for even the toughest strapping experts, particularly, when we move about in the sector of ultra-high strength pipe strap qualities.

This is a high-performance head with 20,000 N tensioning force and triple welding spot according to the patented Itipack Systems process. This unique combination of head and extremely strong strap makes high performance possible. Based on the proven and robust technology of the VS32-L, the head with the name affix SM sets new standards and undoubtedly plays in the upper league of strapping technology.

STRAPPING HEADS

STEEL STRAP SERIES

VS - 32 LSM

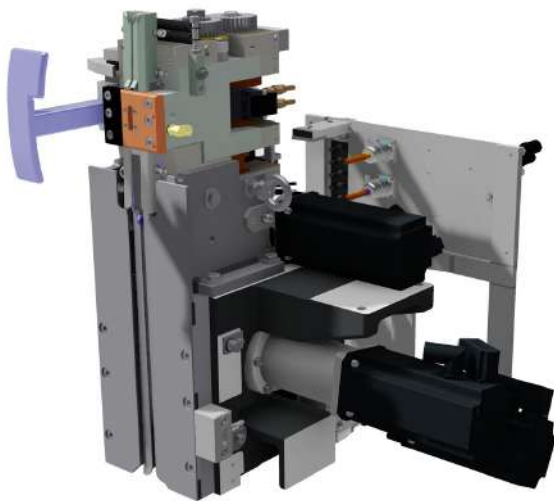


STRAPPING HEADS

STEEL STRAP SERIES

Electric strapping head

VS - 32 LE



Head Type	VS32-LE
Dimensions	Width 630 mm; Height 750 mm; Length 680 mm;
Weight	200 kg;
Strap Width	19, 25, 32 mm;
Max Strap Tension	4000 N to 20000 N adjustable
Strap transport speed	max 2.5 m/s
Kind of drive	Electro-pneumatically with 3 synchronous servo motors 2 pneumatic cylinders

Application

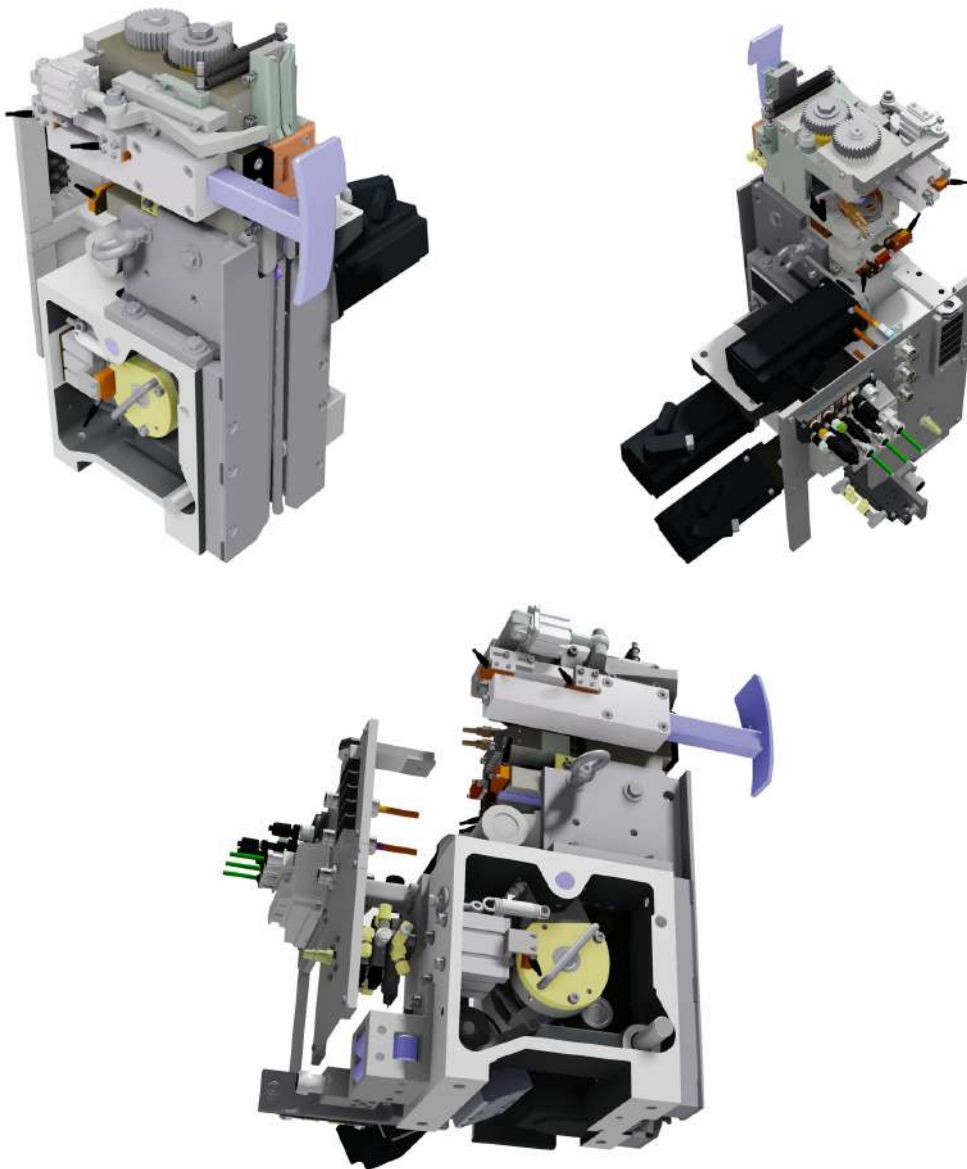
Light-duty strapping applications; for strapping of slit coils, sheet packages, bricks, structural timber, bundles of profiles, etc.

In top shape over 30

When speaking of „over 30“, Itipack Systems usually refers to the strap width, not the age. The VS32-LE heads are capable of processing steel straps up to 32 mm wide. Depending on the requirement, 19 or 25 mm are also possible. This means that the VS32-LE series is suitable for heavy-duty strapping applications and applications requiring straightforward functionality, shortest strapping cycles and efficient cost management. These are all factors in which the VS32-LE heads hit the bull's eye. It is possible to precisely control the transport speed of up to 2.5 m per second, and the tensioning force of up to 20,000 N. Highest precision is also required in joining: Two welding spots, according to the non-contact TIG welding process, hold together what belongs together, even with the largest dimensions and enormous weight. The special version VS32-LE-R has a smaller base plate and can therefore secure circular packages from 700 mm. Modern drive technology with innovative servo drives makes the VS32-LE heads fit for the future.

STRAPPING HEADS

STEEL STRAP SERIES VS - 32 LE



ADDITIONAL INFORMATION



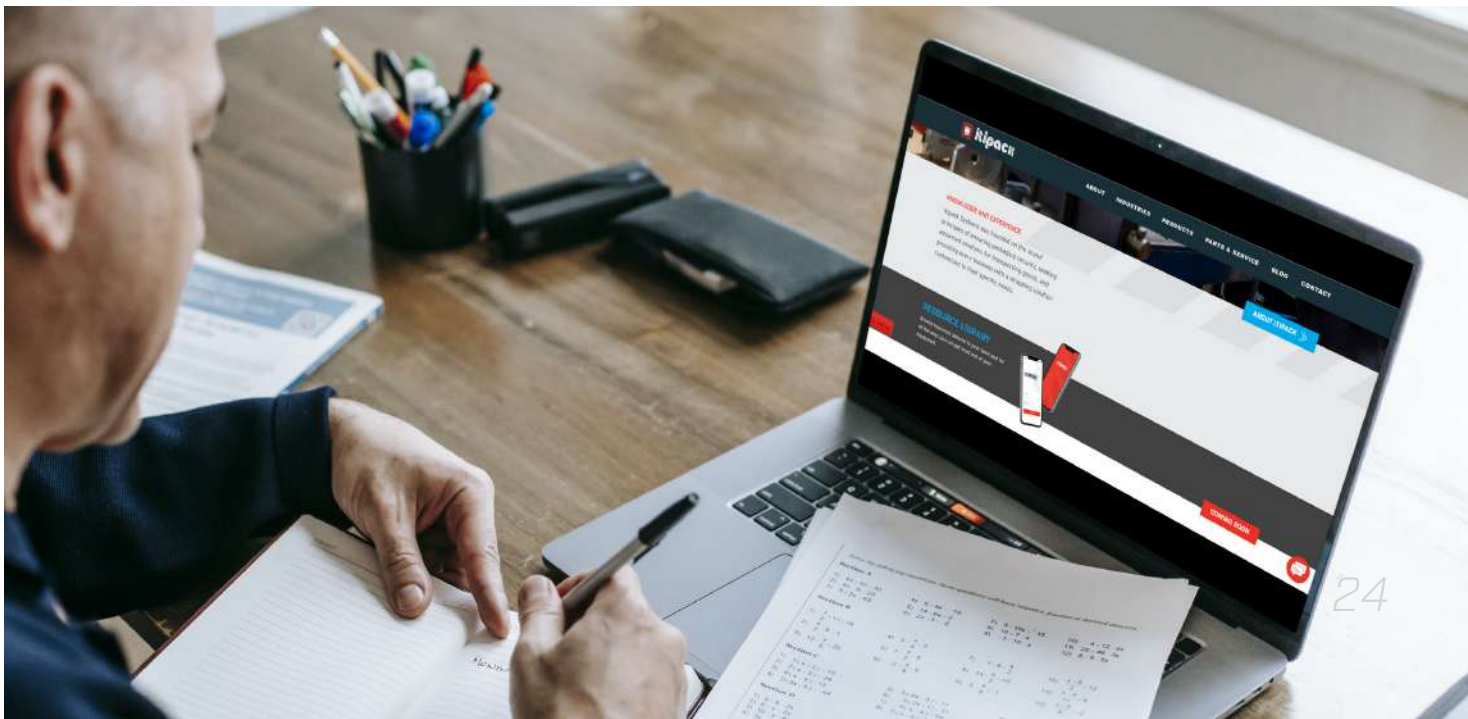
WHAT COMES WITH STRAPPING HEAD

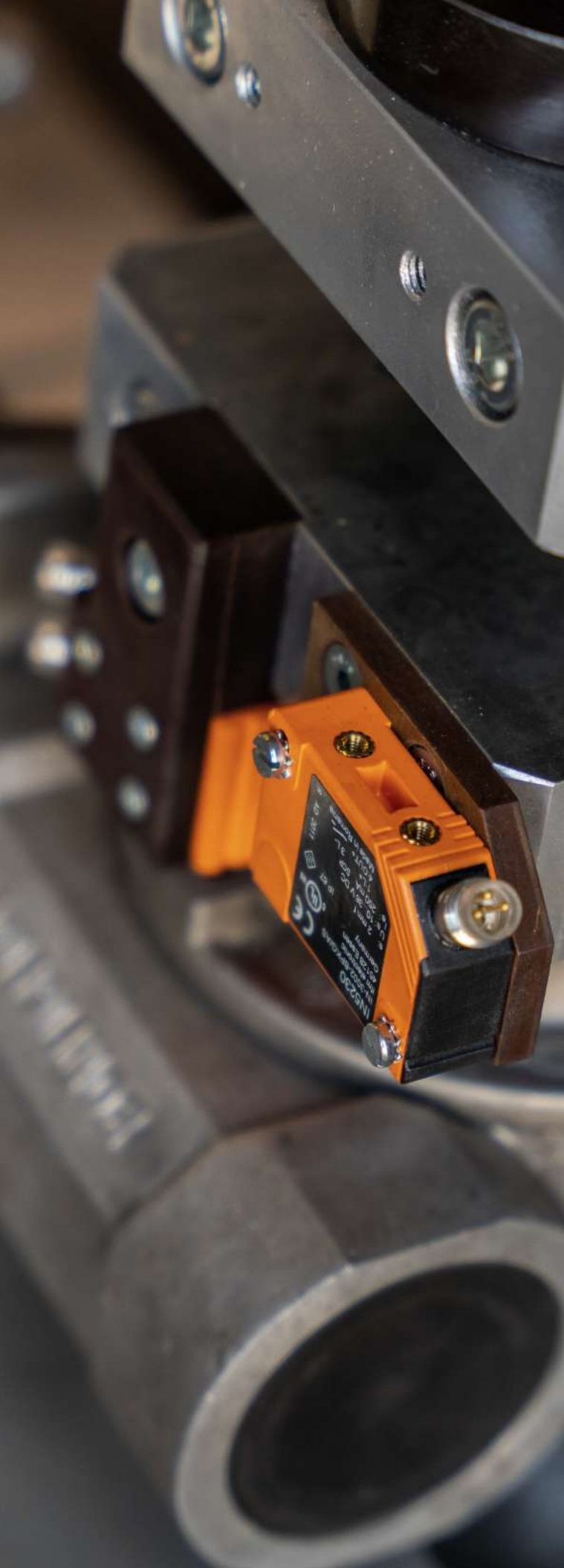
- Spare Parts Manual
- Operating Instructions
- Motor Rotating
- Electrical schematic
- Website Resource Library Access*

WEBSITE RESOURCE LIBRARY

Starting in 2023, we will launch a "Resource Library," where you will be able to:

- Download Service & Rebuilds & Strapping Head Overviews
- Videos and photo gallery and more





SERVICE

An integral part of equipment performance, maintenance should be scheduled and performed at appropriate intervals.

Itipack does this with a trusted network of service professionals spread throughout North America & Mexico. A proactive approach to maintenance would help ensure your automatic strapping system will not fall prey to unexpected downtime.

Service Programs

We can tailor a service program to your specific needs using a comprehensive approach. We offer on-site repairs and emergency service to minimize downtime and keep your equipment running like new.

- Strapping Equipment Audit
- Strapping Head-Equipment Retrofit
- Equipment & Strapping Head Training
- Annual Preventative Maintenance Programs

Benefits

- Comprehensive Parts Inventory
- Fast Parts Delivery & Turn Around Time
- Turnaround Of 6 Weeks for Rebuilds
- Quick Head Rebuilds Pickup in One Week
- Preventative Maintenance 30-Point Checklist
- Fast Phone Support

CONTACTS

GET IN TOUCH

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