



Transit Packaging Solutions

We'll Protect It From Here



Cost Focus

Protection Focus

UNDER PACKING

Save on technology and consumables at the risk of damaging products and incurring extra expenses

OPTIMAL OUTCOMES

Protect your product and optimize your packaging investment

OVER PACKING

Excessive packaging protects products while unnecessarily increasing costs and ecological footprint

Our Process

Conduct On-Site Audit

We conduct an on-site review of your packaging lines to understand your challenges and opportunities for improvement.

Design Optimal Solutions

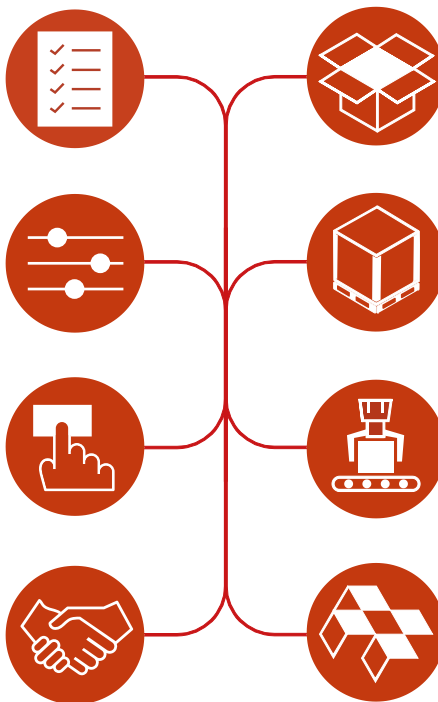
We supply equipment, software and process recommendations that are field-tested in our ISTA-certified labs for validation.

Execute the Concept

We work with you to commission equipment, set up automation, configure software, and train your people with minimum downtime.

Service and Support

We facilitate service and operator training, schedule preventative maintenance, and provide on-site support to maximize uptime.



Packaging Technologies

Protect and stabilize goods in transit with our versatile and innovative end-of-line packaging solutions.

Protective Packaging

Secure your products with protective materials and your loads during shipment with our range of dunnage bags.

Automation Solutions

Increase efficiency, enhance productivity and improve throughput with integrated automation solutions.

Reliability Services

Comprehensive support to meet the service demands of today and tomorrow.

Our Portfolio

THE RESULT

Signode delivers the lowest total cost of ownership and the highest overall equipment effectiveness; optimizing product protection, in-house automation and ROI.

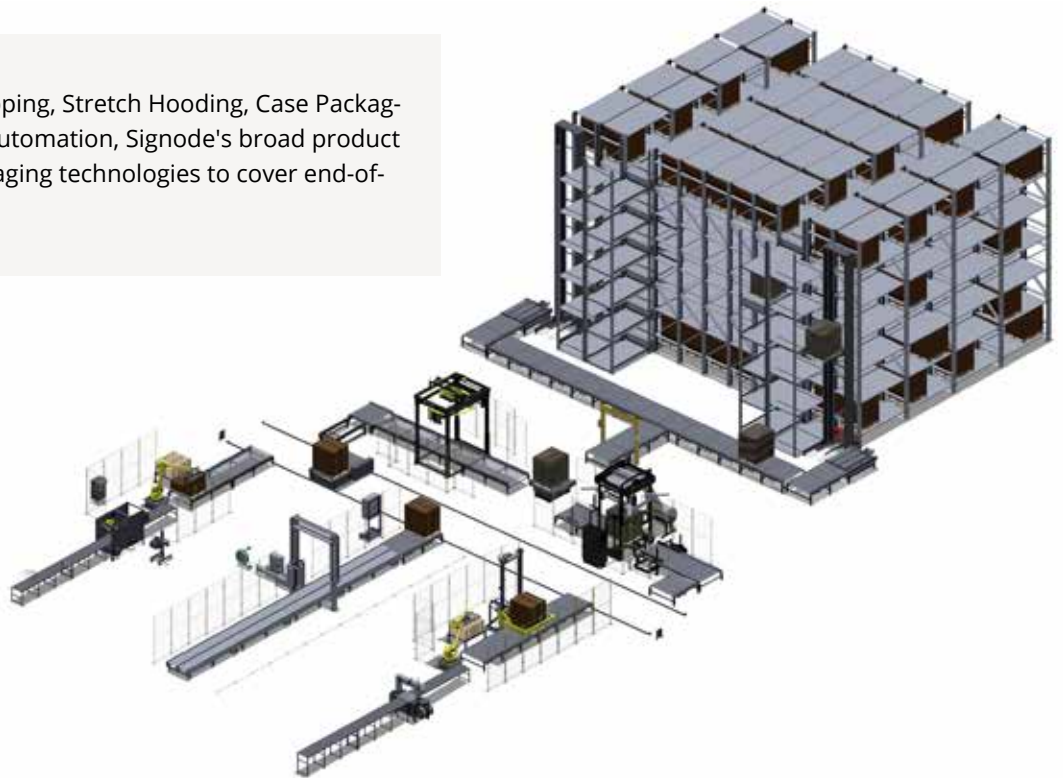


To learn more about Signode's packaging technology, package testing and service capabilities, schedule an assessment or initiate a proposal for a current application, email: info.emea@signode.com.

INTEGRATION AND AUTOMATION SOLUTIONS

Tailored automation solutions that integrate seamlessly for end-of-line efficiency and productivity

From Strapping, Stretch Wrapping, Stretch Hooding, Case Packaging, Stapling, to Warehouse Automation, Signode's broad product portfolio covers various packaging technologies to cover end-of-line packaging requirements.



Warehouse Automation

Automated Storage and Retrieval System (ASRS)

Move pallets in and out of storage positions quickly and automatically. This high density solution for "lights out" warehousing provides increased throughput and flexibility with limitless configurations.



CASE EQUIPMENT

Easily customized product portfolio with rugged construction and maintenance-free operation for maximum uptime



Case Formers

CF-25SB E

Narrow box case erector with small footprint that forms and bottom-seals corrugated cases

up to 15 cases per min



Case Sealers

LDX-RTB-E

High performance semi-automatic case sealer with versatile case processing ability

up to 30 cases per min



LD-16EC

Fully automatic top and bottom case sealer for large runs of boxes



LD-7-E1

Economical top and bottom case taper solution handling uniform cases



WRAPPING EQUIPMENT

Ensure proper load containment, maximize productivity, and lower film usage with flexible and intuitive wrapping solutions

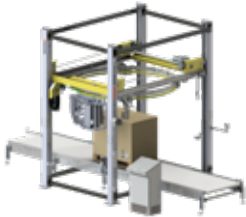


Automatic Rotary Ring Stretch Wrappers

Compact Series

Economical and compact for entry-level automation

up to 60 loads per hour



B Series

Customizable wrap patterns and tension control settings

up to 100 loads per hour



S Series

Highly configurable with unlimited wrap patterns

up to 125 loads per hour



T Series

Twin film carriage designed for high throughput demands

up to 150 loads per hour



Automatic Stretch Hooders



Power Flex T1

Simple and user-friendly for uniform pallet size in a small footprint

up to 100 loads per hour



Power Flex TL

High throughput for multiple pallet sizes with minor variations in size

up to 200 loads per hour



Multi FleX1

Adaptable for multiple load sizes with hydraulically or electrically-operated stretch frame

up to 200 loads per hour



Multi FleXL

High flexibility in load sizes and wrapping patterns for large format pallets

up to 150 loads per hour



General Purpose Stretch Wrappers



Rotary Arm

Robust frame and versatile operation equipped to handle light, heavy and odd shaped loads

up to 35 loads per hour



Turntable

Reliable and intuitive design equipped with an HMI to save preferred load wrapping profiles

up to 35 loads per hour



Mobile

Wrapping machine installed on a mechanical pallet jack



STRAPPING EQUIPMENT

Plastic and steel strapping machines maximize productivity for applications such as unitizing, bundling, carton closure, and baling

Bundling Equipment

SIG-CORR

High-speed strapping equipment for corrugated bundles

up to 30 bundles per minute



ISB

Reliable, productive strapping equipment for corrugated bundles

up to 32 bundles per minute



SMB PRO-X

Cross strapping in one machine with innovative Touch 4.0

up to 21 cross strappings per minute



SGP Series

Automatic and Semi-automatic plastic strapping machines with many options such as double coils

up to 45 bundles per minute



SGP Inox

SGP range in stainless steel version. Corrosion resistant washdown

IP 56 rating



Specialty Application

LPE-Z20

Consistent and repeatable load compression with life time guaranteed electrical compression cylinders



GCU-NG

Modular, quick-change head design provides greater flexibility and higher throughput

up to 200 loads per hour



Endra End Sealer

Reliable and economical solution for a wide range of general purpose strapping applications



HSM

Horizontally positioned, floating strapping head for easy replacement



TSM

Designed for light and heavy-duty applications for the construction industry



VSM

Heavy-duty frame provides reliable strap feeding fit for many applications



Strapping Heads

MH-C

Reliable solution to a wide range of strapping industrial applications



Z20

Separate sealer and strap feed and tension modules for all requirements



AK200

All-electric operation provides a single power source, enabling better control and monitoring



H3000/6500

Fastest strapping head in its range, with no mechanical products to increase reliability



HAND TOOLS

Portable, lightweight, and intuitive technologies for a variety of applications, including battery-powered, pneumatic, and manual tools

Plastic Strap

BXT

Highly versatile, easy to use, and operator-friendly for many applications



Steel Strap

BPT

Brushless motor technology provides an electronically controlled and reproducible strapping process



BST

Sealless steel strapping tool delivers high performance in demanding applications



Stapling

Top Stapler

Cost-effective, ergonomic, and cordless carton-closing top stapler with front laser guidance

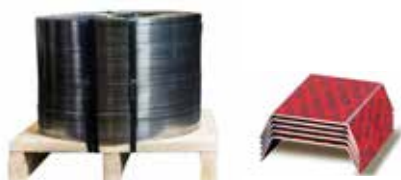


CONSUMABLES AND PROTECTIVE PACKAGING

Ensure load stabilization and brand integrity with a broad spectrum of packaging consumables

Steel Strap and Seals

Low carbon steel strap for securing heavy-duty loads, designed for use with Signode tools and machinery



PP and PET Strap

Polyester and polypropylene strap compatible with Signode equipment and tools



Paper Strap

Sustainable paper strap made of certified FSC sources and recyclable with paper waste



Stretch and Oriented Films

High-performance hand and machine film for a wide range of equipment and applications



Dunnage Bags

Polywoven and paper dunnage bags to stabilize and protect pallet loads in transit



Reddi Crate®

Laminated paperboard shipping containers designed for long products



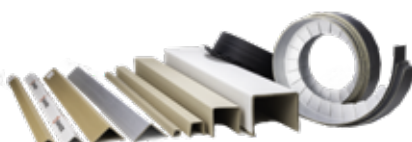
Sheets, Frames & Layer pads

Increase product stabilization and reduce load migration, while meeting unitized load parameters



Edge Protection

Rigid or flexible corners providing stability and puncture resistance to protect loads in transit



Cargo Securing & Desiccants

Lashes systems and desiccant solutions for container shipment



PACKAGING PLUS RELIABILITY SERVICES

Comprehensive support to meet the service demands of today and tomorrow

Tiered Service Support

Packaging Plus offers preventative maintenance schedules, safety inspections, training, technical phone support, parts shipping, advanced retrofits, and upgrades.

| | | |
|-------------------------------|---------------------------|----------------------------------|
| Silver Preventative | Gold Protective | Platinum Comprehensive |
|-------------------------------|---------------------------|----------------------------------|

Performance Analysis Review

Our service technicians check critical points on the machine and its settings that affect machine operation and uptime. This results in an overall assessment of the machine's condition and specific recommendations for improving performance.



PACKAGING PLUS RELIABILITY SERVICES

Our Field Service Sets Us Apart

Signode's field service teams are equipped with the latest technology, tools, and training to keep them safe, efficient, effective, and engaged.



PACKAGING LAB TESTING AND CONSULTATION

Replicating real-world transit conditions to optimize and validate packaging performance



Acceleration/ Deceleration Table

Determines the effectiveness of packaging in protecting a product during changes in velocity.

Incline Impact Testing

Tests sudden horizontal impact often associated with railcar coupling and truck docking.

Packaging Consultation

Consultation by specialists on various packaging technologies: hooding, wrapping, strapping, consumables and protectives.

We Adhere to the Top Industry Standards





● Manufacturing/ Assembly Locations

23

Countries

7,000

Employees

80+

Manufacturing Locations

1916

Founding Year

Accelerating Sustainability



Twentyby30

With Twentyby30, we are elevating our commitment to sustainability by establishing 20 measurable goals to be achieved by the end of 2030.

Most consumables are available also as "green" sustainable consumables:

PCR Film, BIO PP Strap, PP Strap PCR, Coreless Stretch Film, Paper Airbag



Climate Action



Resource Efficiency



Optimum Circularity



Working Together



Never Compromise



Governance & Ethics

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