



Flexible Packaging

Bagging and Cohesive Automation

SHARP®

PACKAGING SYSTEMS BY PREGIS



Experts in Bagging and Cohesive Automation

IMPROVE YOUR PACKAGING PROCESSES

- Maximize output and productivity
- Decrease labor requirements
- Reduce material and operational costs
- Simplify maintenance

Our team of experts conduct on-site evaluations identifying ways to reduce costs, increase throughput, and streamline operations.

About Sharp

We're an industry leading manufacturer of flexible packaging materials and automatic bagging systems. Our production facility utilizes the industry's most advanced extrusion technology and converting machines to produce custom printed poly bags made to your exact specification, delivered when you need them.

From small, single machine operations to global companies, our customers reduce costs and increase productivity with our complete flexible packaging systems.

We're not just in the packaging business,
WE'RE IN THE "WOW" BUSINESS.

WORLD CLASS SUPPORT AND SERVICE

Packaging should excite customers, motivate prospects, reduce shipping and fulfillment costs, and (of course) protect your products. To ensure you're getting the most out of your packaging, Pregis offers unrivaled consultative and technical services and industry leading training support.



Consultative Services

- Packaging optimized for any network – SFS, freight, ground, air, international
- Testing center ensures packaging is FedEx, UPS or Amazon ready
- Specialized sales teams understand the unique challenges of your industry



Technical Service

- Proactively monitor packaging systems and schedule routine maintenance
- Highly skilled, local field technicians available for immediate needs
- 24/7 dedicated technical support hotline



Training Support

- Standard or custom guides, placards and videos
- On-site employee training and educational seminars
- **NEW** Pregis 360 Virtual Reality Training Platform

Top Quality Poly Bags

Our custom bags and cohesive materials are produced to your exact specifications. We can also develop artwork for customized printing. In fact, we've received the Badger State printing award for seven consecutive years.

- **Custom bags**—Made just for you! Our custom bags are made to your exact specifications – film type, size, even custom artwork and printing.
- **Blanket orders**—Take the headache out of inventory. Let our team monitor your usage and release dates, so you focus on growing your business.
- **Lower inventory, material, operating expenses and labor costs**—Our experts will recommend materials and features that improve the efficiency and quality of your packaging operation.
- **Guarantee top packaging performance**—We extrude our own films using the highest grade resins available to ensure consistency and guarantee the highest quality bags to our customers.

Recommended E-Z Bags® by Industry

	MAILER	LLDPE	GENERAL PURPOSE LDPE	HDPE	POLYPROPYLENE	GAMMA	ANTI-STAT
Food		✓	✓	✓	✓		
E-Commerce & PBM	✓	✓	✓				✓
Injection Molding	✓	✓	✓	✓			
Medical		✓	✓	✓		✓	
Parts		✓	✓	✓			
Retail		✓	✓		✓		✓



Technological Innovations



1. Predictive Maintenance

Select Sharp machines can detect wear in their components, alerting operators and maintenance staff, so parts can be ordered and replacement scheduled before a breakdown causes unplanned downtime.



2. Intuitive Operation

Smartphone-inspired HMIs, easy bag threading, and simple adjustments mean less time spent in training, less downtime swapping out bags, and more employees are able to operate the machine.

Cold Seal Solutions



Sharp's automated cold seal solutions provide product protection during shipping, improve productivity and drastically lower labor and total package costs.

- **Reduce DIM weight** with "right-size" packaging
- **Higher throughput**—Up to 2,100 items per hour
- **Enhance customer experience** with custom branding and 3 color printing

Single Face Corrugated

Padding, protection and rigidity

Provides cushioning and rigidity for product protection.

Available in various flute types and paper grades.

Linerboard | Paper | Poly-Paper

Rigid, versatile and recyclable

- **Cohesive Paper** – economical, easy to use material when cushioning is not necessary
- **Cohesive Linerboard** – extra heavy paper provides rigidity, corner and surface protection.
- **Cohesive Poly-Paper** – durable, weather resistant with strong performance and aesthetics

Film

Secure, durable and weather resistant

Tear, puncture and water resistance. Available in wide range of cohesive films.

Bubble and Foam Products

For added flexibility and cushioning

- **Cohesive Bubble** – superior cushioning to protect against damage, vibration and abrasion
- **Cohesive Foam** – lightweight, sustainable material for flexible cushioning



3. Cost Savings

Sharp machines provide significant savings, both in labor and materials. Thermal printers eliminate the cost of adhesive labels, flexible packaging reduces shipping costs, and off-the-shelf parts across our entire line means that parts are readily available and inexpensive.



4. Simple Compatibility

Our machines interface with most WMS systems, without the need for special programming or expensive workarounds. Plus, our machines interface directly with dozens of infeeds and conveyors, for easy implementation into your existing lines.

Innovative Bagging Machines

We've engineered the most innovative machinery available. Our team of experts will work with you to understand your process requirements and identify the ideal machines to ensure your operation is as efficient as possible.

Sharp E-Z Bags® feed through the machines, are opened, filled with product, then are sealed and ready to be shipped.



MAX-PRO 18 and MAX-PRO 24

Redesigned from the ground up for decreased downtime and easier operation

- **Maxwell Predictive Maintenance**—Advanced diagnostics monitor internal components, alerting technicians to potential wear before a failure occurs
- **Technology advancements** include an improved, easier to use HMI inspired by smartphones
- **Tool free jaw changeover** adjusts bag size with the touch of a button
- **Easier bag changeover** and threading saves time and reduces training requirements
- **Cost Savings** with off-the-shelf, nonproprietary parts and a longer lasting, constantly heated sealing mechanism
- Handles **longer and wider** packages, up to 18" x 8"



MAX 12 and MAX 20

Reliable bagging solutions with 12" and 20" width options

- **No queuing** reduces scrap and material cost with moveable printing head
- **Thermal ribbon usage reduced** as much as 90%
- **Long lasting**, constantly heated sealing mechanism
- **Off-the-shelf parts** for fast, low cost maintenance



SX Compact Tabletop Continuous Roll Bagging System

Makes bagging small items a breeze, anywhere

- Sharp's E-Z Bags® feed through the machine, are **labeled or addressed, then opened automatically**. Simply insert the product, and then the bag is sealed.
- **Technology advancements** include 4.3" wide color touchscreen with Allen-Bradley Micro850 PLC
- **Runs bags** 2" to 11" wide and 4" to 32" long



System Integrations

Pregis-Sharp bagging and cohesive solutions were built for simple and secure integration into the larger fulfillment process – increasing order accuracy, improve throughput, and reduce labor dependencies, and delivering a high ROI.

Our expert engineering team can add accessories to our current solution portfolio or will collaborate with systems integrators to create a custom solution to meet a customer's specific needs. Some standard integrations include:

- OMS/WMS/WES
- Robots & Cobots
- Scales
- Barcoding/RFID
- Sortation Systems
- Counters
- Bowl Feeders



Products worth protecting deserve Pregis

We are a leading manufacturer of **innovative packaging solutions** and **protective products**.

We solve our customer's toughest business challenges with packaging so they can create customers for life. We do this by delivering **creative solutions to packaging challenges** and leveraging a material neutral portfolio.

Contact us today!

[www.PREGIS.COM](http://www.pregis.com)



Made in the USA

ISO 9001:2015



Inside the Box Protection

Ready to Use Packaging |
On Demand Systems – Air, Paper,
Foam | Foam for Fabrication



Mail & Bagging Solutions

Automated Poly Bagging |
Automated Cold Seal Packaging |
Shipping Mailers



Surface Protection

Temporary Protective Films |
Interleaving Materials | Foam
Edge Protectors



Consultative Services & Training

Package Design and Testing |
Custom Integration | Technical
Support | Sustainable Packaging