

November 3-6, 2024 | Chicago, IL, USA



# GAME PLAN

A PERSONALIZED WALKING GUIDE TO THE SHOW FOR  
**Elizabeth Kachoris**



**SUSTAINABLE  
SOLUTIONS  
HERE**



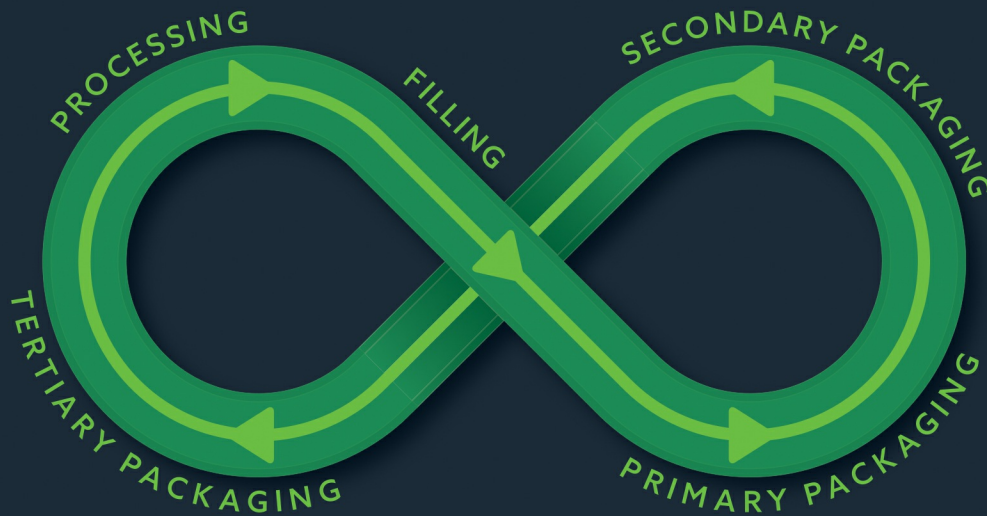
205 \*\*\*\*\*AUTO\*\*3-DIGIT 606 T4 P1  
Elizabeth Kachoris  
MARS WRIGLEY  
401 N Michigan Ave Ste 1700  
Chicago, IL 60611-4256

Presorted Standard  
U.S. POSTAGE  
PAID  
Permit # 583  
Schaumburg, IL 60173

PMMI MEDIA GROUP  
401 N. MICHIGAN AVE, STE 1700  
CHICAGO, IL 60611



# ONE SOURCE. NEARLY INFINITE SOLUTIONS.



*Performance at every point of your production line.*

- PROCESSING
- FILLING
- PRIMARY PACKAGING
- SECONDARY PACKAGING
- TERTIARY PACKAGING

With a nearly limitless range of solutions, ProMach has the expertise and know-how to tackle virtually any production line challenge.

As your partner, we understand and adapt to your unique needs for processing and packaging, ensuring optimal performance and efficiency in your operations. And our commitment to innovation and customer satisfaction sets us apart, making us your go-to choice for comprehensive solutions.

**Scan the QR code** to learn more about what's new at the show and to set up an appointment with a processing and packaging specialist at Pack Expo.

PROMACHBUILT.COM

Pack Expo 2024 | Booth S-3439



Scan for:  
NEW INNOVATIONS  
BOOTH MAP  
HAPPY HOUR EVENTS





November 3-6, 2024 | Chicago, IL, USA

# GAME PLAN

## Compiled for **Elizabeth Kachoris** at **MARS WRIGLEY**

Your personal show goals and interests are reflected in the 384 products and 79 companies featured in this guide.

### CATEGORIES YOU CHOSE:

#### Processing Machinery

Dry processing & ingredient handling equipment  
Liquid processing & handling equipment  
Food processing equipment

#### Business Interest

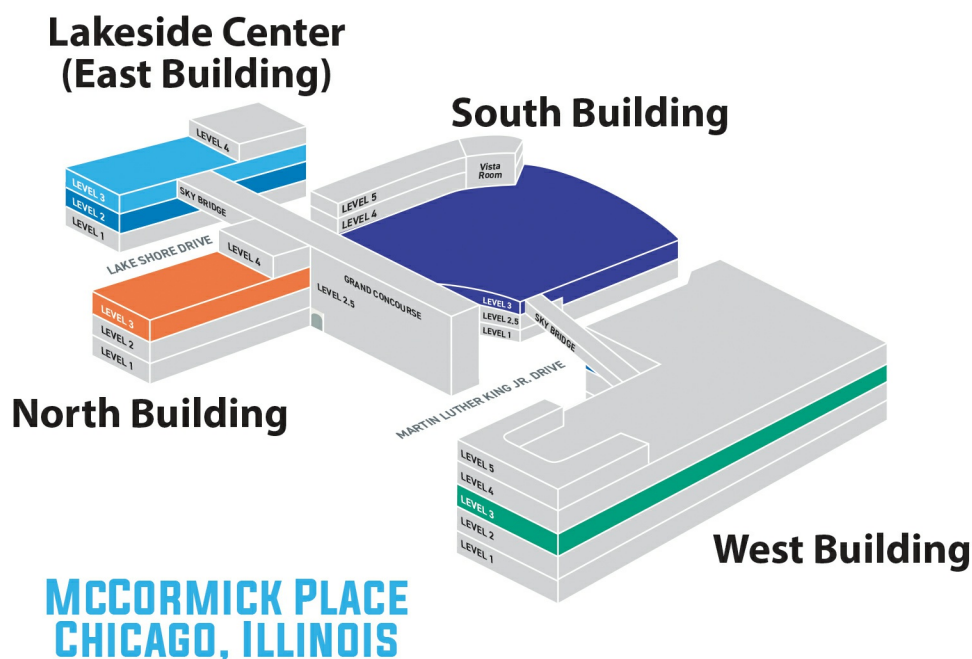
Sustainability

#### Packaging Machinery

Filling/capping, liquid & viscous  
Inspect/detect/checkweigh/x-ray  
Form/fill/seal - vertical  
Conveying & accumulation

Start planning your PACK EXPO International booth visits with the help of this walking guide, customized for you based on categories of interest you selected during registration.

With 2,600 exhibitors, we know you won't be able to visit every booth. Compiled in these pages are location and product details for select exhibitors to add to your must-see list.





Located in West Building, Booth W21020

At PACK EXPO International's Sustainability Central, get different takes on sustainability from industry experts and gain insight on making your brand more sustainable for the future.

SUNDAY, NOVEMBER 3	
12:00 PM - 12:30 PM	<b>Navigating Packaging Materials Transitions</b> Rebecca Marquez, Director, PMMI Media Group Custom Research at PMMI
2:00 PM - 2:30 PM	<b>Life Cycle Assessments for Cosmetic Packaging and Consumer Insights</b> Jonghun (Jay) Park, Associate Professor at Toronto Metropolitan University
4:00 PM - 4:30 PM	<b>Flexible Packaging – State of the Industry: Policy Driving Innovation</b> Dani Diehlmann, VP, Communications at Flexible Packaging Association (FPA)
MONDAY, NOVEMBER 4	
10:00 AM - 10:30 AM	<b>EPR: What is It, Where is It and What You Need to Know</b> Dan Felton, Executive Director at AMERIPEN
11:00 AM - 11:30 AM	<b>Sustainable Innovation: Collaborations Drive Decarbonization</b> Christopher Davidson, Vice President, Sustainability at Smurfit Westrock
12:00 PM - 12:30 PM	<b>Elevating Packaging for E-Commerce to Boost Customer Experience</b> Kirsten Freiheit, Head of NA Selling Partner Engagement, Sustainable Packaging at Amazon Heather Smith, Senior Business Development Manager, Sustainable Packaging at Amazon
2:00 PM - 2:30 PM	<b>Catalyzing Circularity: Policy, Products and Partnerships</b> Karan Bali, Sustainability Policy & External Engagement Manager at Dow Heather Turner, Marketing Director, Circularity & Renewable Solutions at Dow
3:00 PM - 3:30 PM	<b>Sustainable Food Manufacturing: Balancing Profit, Planet, and Policy</b> Christine Daugherty, Vice President of Sustainability at Conagra Brands
TUESDAY, NOVEMBER 5 (ELECTION DAY)	
10:00 AM - 10:30 AM	<b>Brand Perspectives on EPR: How Suppliers Can Help</b> Neil Menezes, Packaging Sustainability Policy Manager at General Mills Michael Okoroafor, Chief Sustainability Officer (CSO) at McCormick & Company Dan Felton, Executive Director at AMERIPEN (Moderator)
11:00 AM - 11:30 AM	<b>The Evolution of Data: Powering Sustainable Choices</b> Kristin Speck, Packaging & Sustainability Data Steward at The Clorox Company
12:00 PM - 12:30 PM	<b>REFILL! REFILL! OK! Dr. Bronner's Soapy Path to Circularity</b> Darcy Shiber-Knowles, Vice President of Operational Sustainability & Innovation at Dr. Bronner's
2:00 PM - 2:30 PM	<b>Global Synergy: Advancing Plastic Recycling Through APR &amp; RecyClass Collaboration</b> Scott Trenor, Technical Director at Association of Plastic Recyclers
3:00 PM - 3:30 PM	<b>Sustainability in Biopharmaceutical Packaging</b> Joe Provo, Associate Director, Packaging Commercialization at Merck Ronald Yakubison, Executive Director, Packaging Solutions & Strategy Implementation, Packaging Technical Operations at Merck
4:00 PM - 4:30 PM	<b>Enabling Circularity with Smart Packaging</b> Rishi Banerjee, Senior Director at Consumer Brands Association
WEDNESDAY, NOVEMBER 6	
10:00 AM - 10:30 AM	<b>What's a Packaging Producer Responsibility Organization (PRO)</b> Olivia Barker, Vice President of Policy and Public Affairs at Circular Action Alliance (CAA) Dan Felton, Executive Director at AMERIPEN (Moderator)
11:00 AM - 11:30 AM	<b>The Time Is Now: Redesign to Recyclable Film Structures</b> Crystal Bayliss, Director, Strategy & Engagement at U.S. Plastics Pact Megan Byers, Program Director at U.S. Plastics Pact
12:00 PM - 12:30 PM	<b>Environmental Trade-Offs in Infant Formula Packaging LCA</b> Rafael A. Auras, Professor and Amcor Endowed Chair in Packaging Sustainability at School of Packaging, Michigan State University





W-22027

## Material Innovators for a Healthy Future

[www.alltrista.com](http://www.alltrista.com)

Our lightweight closures for beverage bottling and child-resistant applications can provide significant material reduction while meeting or exceeding the product performance characteristics that the industry has come to expect. Up to 15% with child-resistant closures and up to 25% with beverage bottle closures compared to legacy products.



S-3385

## Recyclable Shrink Films with PCR\*

[www.clysar.com](http://www.clysar.com)

It's never been easier to reach sustainability goals for any product or packaging application. Find six recyclable shrink films prequalified by How2Recycle® with up to 30% pre-consumer recycled content\*, premier new EV-HPG™ all-purpose film ideal for transitioning from non-recyclable shrink, PVC replacement films and source reduction solutions.



S-3907

## Closures that Promote Sustainability

[www.fresh-lock.com](http://www.fresh-lock.com)

The Fresh-Lock team is committed to circularity, offering reclosable innovations in source reduction, recyclability, PCR, home compostability, and more. Whether you're looking to navigate the latest flexible packaging trends, find sustainable closure solutions, or align your flexible package with consumer expectations, we're here to help.



W-22116

## Green Labels in the Full-Gamut of Colors

[www.kdvlabel.com](http://www.kdvlabel.com)

From design recommendations and product development to sustainable sourcing and manufacturing processes, KDV continues to invest in research and development, partnerships, and technology that help make your labels, and our world, more green. We look forward to seeing you at Pack Expo and helping you to meet your sustainability objectives!



S-4359

## Aqueous Barrier & Functional Coatings

[www.mchl.mn/journey](http://www.mchl.mn/journey)

Switch your packaging to recyclable fiber- or film-based materials while maintaining performance requirements with water-based coating systems from Michelman. Our PFAS-free, food contact compliant solutions provide oxygen, moisture, & mineral oil barriers; water, oil, & grease resistance; scratch resistance; print receptivity; & heat seal.



N-5475

## Paper or Poly? Automated or Converted?

[www.pac.com/packexpo24](http://www.pac.com/packexpo24)

We can create a sustainable mailer program for you, whether you prefer curbside recyclable all-paper padded mailers, rigid paperboard mailers, poly bubble, or flat poly mailers with up to 100% certified recycled content. Additionally, our PACjacket® automated packaging system produces padded paper or poly bubble mailers on demand.







### Sustainable Packaging and Machinery

[www.Pregis.com](http://www.Pregis.com)

Pregis offers a holistic approach to sustainability. Its diverse mix of paper and poly packaging solutions strategically serve e-commerce, industrial and flexible food applications. Pregis incorporates recycled content and curbside/store drop-off recyclability across a variety of categories, such as: automated mailing & bagging, cushioning, and flexible films.



### New 100% Bio Can & Bottle Multipacks

<https://go.robertspolypro.com/PEI24-go-green>

Roberts PolyPro LDPE and HDPE plastic can and bottle multipacking solutions are good for the planet and your bottom line. 100% biodegradable and made from up to 50% less plastic than competing products, our multipacks offer impressive cost savings, without sacrificing form or function. Find out how our handles can save you up to 25%.



### Greener Solutions for Convenience Packaging

[www.sealstrip.com](http://www.sealstrip.com)

Less is MORE: Sealstrip solutions provide easy open, tamper evidence & resealable via retrofit applicators and flexible, lightweight, pressure-sensitive materials. Easier & Greener than zipper - can reduce plastic more than 80%! Maintain line speeds while reducing energy usage, carbon footprint, reducing plastic & enabling future recyclability!



### New Recycled Series 90% PCR rPET Tapes

[www.Shurtape.com/Recycled](http://www.Shurtape.com/Recycled)

Designed to reduce virgin plastic use in carton sealing operations, Shurtape® Recycled Series Packaging Tapes are made from 90% Post-Consumer Recycled Polyester, found in PET bottles. No matter the sealing situation, these tapes seamlessly integrate into existing packaging lines to deliver sustainable and Secure Seals, Every Time™.



### Your sustainable packaging partner

[www.smurfitwestrock.com](http://www.smurfitwestrock.com)

With a broad range of responsibly sourced, renewable and recyclable paper-based substrates underscored by our expertise in materials science, design and engineering, we can help you reduce your use of plastic to meet your sustainability goals and advance circularity efforts.



### Sustainable Packaging Solutions by Totai

[www.totai.com/en](http://www.totai.com/en)

Totai, an established high-quality printer and converter offers recyclable, mono-material PE pouches and roll stock film customized with varying levels of barriers to meet required specifications. Also available are pouches and films using PCR materials. Totai America, Inc. is a member of PMMI, SPC and How2Recycle organizations.







**N-6038**

### Efficiency Meets Sustainability with Felins

[www.felins.com](http://www.felins.com)

Felins offers sustainable packaging machinery including banding systems, wrapping machines, tying equipment, sleeves, labelers, and more. Our solutions are efficient, cost-effective, and suitable for all industries. Trusted by companies of all sizes, our packaging experts will help you find the perfect option that meets your needs and exceeds your expectations.



Discover sustainable solutions at N-6038



**LL-10123**

### WAT Case Taper - Heat Seal Papertape

[www.heatsealco.com](http://www.heatsealco.com)

Papertape uses patented technology to apply water-activated tape more reliably compared to other brands. This technology keeps water in circulation as opposed to drawing from a stagnant reservoir which can cause too much or too little water to be applied. Papertape is consistent and dependable for hundreds of thousands of cycles.



**N-6151**

### Automated Sustainable Packaging Solutions

[www.schubert.group/en](http://www.schubert.group/en)

Schubert's customizable equipment concepts and innovative use of robotics provide an ideal foundation for sustainable packaging solutions. Our modular, flexible, and highly reliable systems deliver optimal performance and efficiency while reducing material costs and enhancing sustainability throughout the packaging and shipping process.



**S-2830**

### Increase efficiency, replace plastic

[www.smurfitwestrock.com](http://www.smurfitwestrock.com)

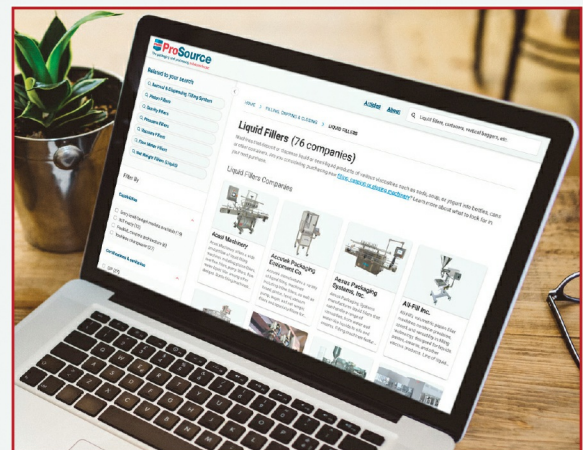
Improve productivity with efficient automation and reduce plastic with renewable paper-based materials. See live demos of our FlexForm™ small-format punnet former for top seal trays and the EnduraGrip® Omada™, designed to automate application of paper-based handles at scale as companies look to replace plastic clips for bottle-style multipacks.



The packaging and processing solutions finder.

### Connect with Suppliers Fast

PMMI ProSource is a free online directory with 460 categories of validated suppliers of packaging machinery, materials, and service solutions. With a powerful search engine and the ability to filter solutions by machine feature and package type, ProSource brings vetted suppliers to you. Visit [www.prosource.org](http://www.prosource.org) today.





# Introducing Smurfit Westrock

A global leader and partner of choice in sustainable packaging

With a broad range of responsibly sourced, renewable and recyclable paper substrates underscored by our expertise in materials science and efficient automation solutions, we help our customers reduce their use of plastic to meet their sustainability goals and advance circularity efforts.

Learn more at [www.SmurfitWestrock.com](http://www.SmurfitWestrock.com).



**63**  
mills



**500+**  
converting  
facilities



**15**  
million tons  
recycled fiber  
consumed



**~300,000**  
acres of forestland  
(123,000 hectares)



**~24**  
million tons of  
paper capacity



**40**  
countries

\* As of July 2024

Paper | Packaging | Solutions

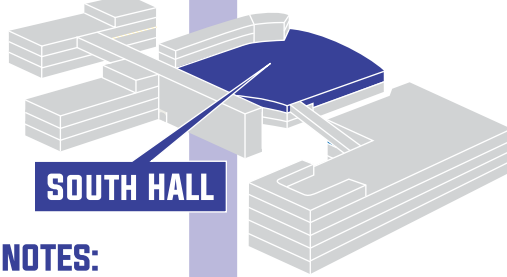
[SmurfitWestrock.com](http://SmurfitWestrock.com)

©2024 Smurfit WestRock Company and/or its affiliates. Smurfit Westrock and the Smurfit Westrock logo are trademarks owned by Smurfit WestRock Company and/or its affiliates. All rights reserved.



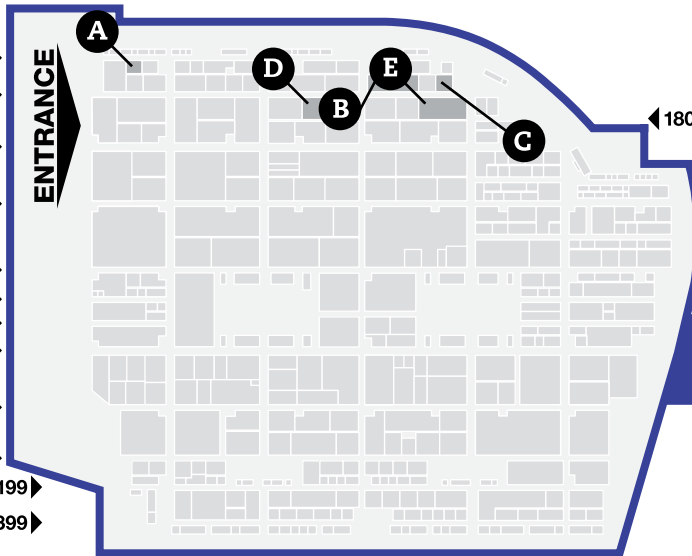
**Smurfit  
Westrock**





1400-1599 ▶  
1600-1799 ▶  
2000-2199 ▶  
2400-2599 ▶  
2800-2999 ▶  
3000-3199 ▶  
3200-3399 ▶  
3400-3599 ▶  
3600-3799 ▶  
3800-3999 ▶  
4000-4199 ▶  
4200-4399 ▶

ENTRANCE



FLOOR PLAN - SOUTH HALL

1800-1999

2200-2399

2600-2799

A

**S-1507**

Conveying &amp; accumulation

[www.multi-conveyor.com](http://www.multi-conveyor.com)**Custom Conveyors ...**

... it's our wheelhouse.

- Merge, Divert, Sort, Grip
- Flip, Rotate, Integrate, Elevate, & more

**Sanitary & Hygienic**

We meet or exceed FDA, 3A, USDA+ mandates

- Stainless-steel, CIP
- Wash down, belt lifts

**Accumulation ...**

... minimizes downtime.

- Mass flow, Bi-flow, Reflow, Serpentine
- Alpine, Rotary

**OEM Partners = OEE**

Our experts make sure your systems "talk."

- Electrical excellence
- Unsurpassed engineers

B

**S-1647**

Filling /capping, liquid &amp; viscous

[capmatic.com](http://capmatic.com)**Bambino**

Compact Single Index Monoblock

- Up to 30 BPM

**Patriot**

Versatile Single Index Monoblock

- Up to 60 BPM

**Intrepid**

Double Index Monoblock

- Up to 120 BPM

**Conquest**

Continuous Motion Monoblock

- Up to 300 BPM

C

**S-1660**

Form/fill/seal - vertical

[www.them.net](http://www.them.net)**SP-1**

Snacks &amp; granules in pillow packs

- Single bag or bandolier
- Up to 480 bags/min

**FR-3**

Best in class for scaling liquid/paste

- Fixed pitch or multilane
- 600 sachets/minute

**FC-80**

Great first liquid machine

- Single or two lane
- Up to 140 sticks/minute

**FC-1000**

Industry standard for multi-lane

- Dry or liquid
- Up to 110 bags/minute

D

**S-1735**

Inspect /detect /checkweigh /x-ray

[www.spee-dee.com/](http://www.spee-dee.com/)**Evolution**

Highly accurate, durable and easy-to-use

- PLC-based checkweigher
- Small footprint

**Incline**

Ideal for limited floorspace installs

- PLC-based checkweigher
- Bag-in-box applications

**Hygienic/Washdown**

Frame made of solid SS, no hollow bodies

- PLC-based checkweigher
- IP65 or IP69 design

**Case**

Weigh cases to verify correct product count

- PLC-based checkweigher
- Heavy-duty

E

**S-1758**

Inspect /detect /checkweigh /x-ray

[www.FortressTechnology.com](http://www.FortressTechnology.com)**Stealth Metal Detectors**

Stealth Metal Detectors efficiently detect and remove metal contaminants in any application.

**Raptor Checkweighers**

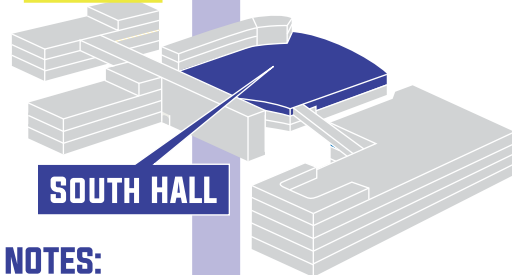
Easy-to-use Raptor Checkweighers maintain weight compliance and reject non-conforming products.

**Combination Systems**

Save space on packaging lines with combined inspection technologies, maintaining reliability and performance.

**Icon X-Ray**

Elevate inspection processes by accurately identifying foreign material and removing compromised packs.

**SOUTH HALL****NOTES:**

1400-1599 ▶

1600-1799 ▶

2000-2199 ▶

2400-2599 ▶

2800-2999 ▶

3000-3199 ▶

3200-3399 ▶

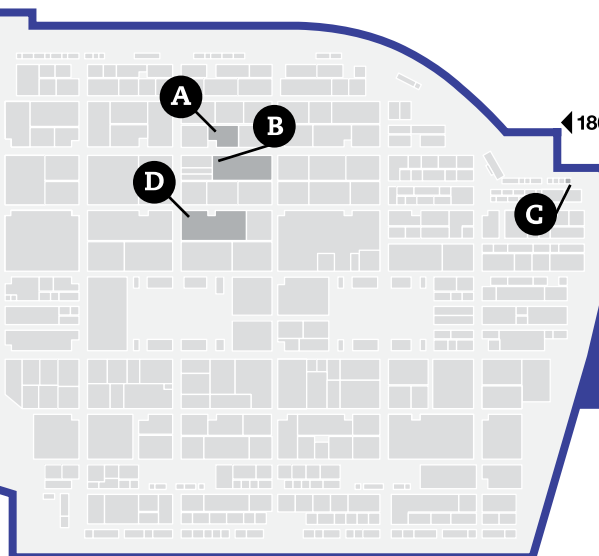
3400-3599 ▶

3600-3799 ▶

3800-3999 ▶

4000-4199 ▶

4200-4399 ▶

**ENTRANCE**

1800-1999

2200-2399

2600-2799

**FLOOR PLAN - SOUTH HALL****A****S-2046**Filling  
/capping,  
liquid &  
viscous**Weightpack Technology****Rotary Net Weight Fillers and Cappers**

- High precision
- Wide viscosity range

[www.weightpack.com](http://www.weightpack.com)**UHT Dairy, Juice & Food**

- High level of hygiene
- ESL filler and capper
- Modular hygiene isolation

**Personal & Home Care**

- Creams, soaps, detergents, shampoos
- Spray triggers
- Pump dispensers

**Chemicals**

- Agro, automotive, paints
- Corrosion-proof filler, plunger and capper
- Oxidizers, acids and Ex

**B****S-2138**Conveying &  
accumulation**NEW! Draper Z Incline****6-8 Week Delivery**

- No Changeover Needed
- 30, 45, 60 Degree Angles

**Re-Flow Accumulator****Increased Capacity - 300%**

- Minimize Downtime
- Small Footprint

**Successive Laner****Consistent Flow Means Increased Output**

- Precise Positioning
- Faster Speeds

**Sanitary Z Incline****Keep It Clean**

- Easy to Clean
- Food Safe

[www.nerconconveyors.com](http://www.nerconconveyors.com)**B****S-2138**Conveying &  
accumulation**NEW! Bi-Di Accumulator****Small Footprint, Big Storage**

- Jamming Controls
- High Product Rate

**NEW! Gripper Elevator****Gentle Product Handling**

- Modular Design
- Compact Elevation Changes

**Washdown Spiral****Great for Sanitary Solutions**

- Elevation changes
- CIP Capable

**Re-flow Accumulator****Optimum Product Throughput**

- Small Footprint
- Minimize Downtime

[www.modularconveyor.com](http://www.modularconveyor.com)**G****S-2295**Food  
processing  
equipment**GVC-18000****Ideal for dry clean environments**

- Clean hard-to-reach areas

**PureBelt® Fixed****Cleans belts even during production**

- Reduces labor time
- Leaves belts dry

**PureBelt® Portable****Use across multiple production belts**

- Reduces labor time
- Leaves belts dry

**DV-3-SSH****Tough stainless-steel construction**

- HEPA filtration
- Powerful 286 CFM

[www.goodway.com](http://www.goodway.com)**D****S-2530**Filling  
/capping,  
liquid &  
viscous**Purefil Liquid Fillers****Highly Accurate Flow Meter Filler Machines**

- Flush in Place System
- Water to Viscous Fluids

**Bottle/Container Fillers****Robust & Dependable In-line Filler Options**

- Small to Large Bottles
- High Speed Options

**Semi-Automatic Fillers****Quick Change Filling with Docking Stations**

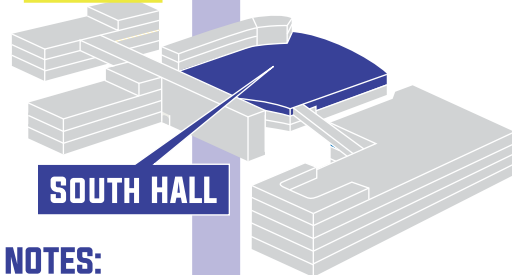
- Simple Operation
- Table-Top Conveyor

**Lid Placers & More****Monoblock Fillers with Cappers, Lidders & More**

- Complete Bottling Lines
- Machine Refurbishment

[idealpase.com](http://idealpase.com)



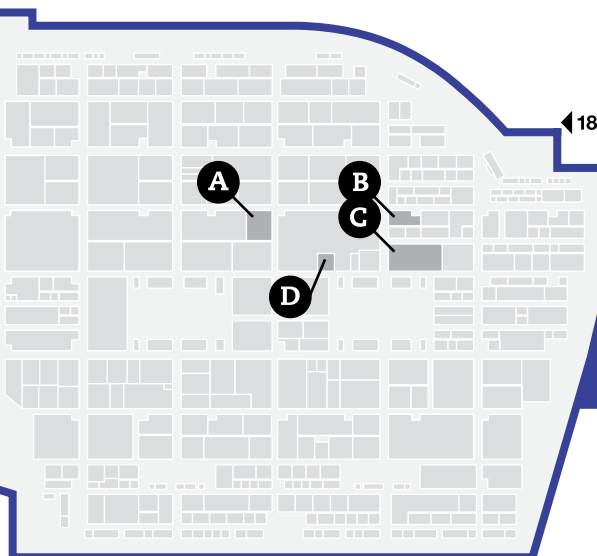


**SOUTH HALL**

## NOTES:

1400-1599 ▶  
1600-1799 ▶  
2000-2199 ▶  
2400-2599 ▶  
2800-2999 ▶  
3000-3199 ▶  
3200-3399 ▶  
3400-3599 ▶  
3600-3799 ▶  
3800-3999 ▶  
4000-4199 ▶  
4200-4399 ▶

**ENTRANCE**

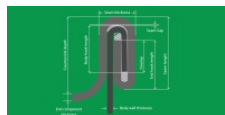


**FLOOR PLAN - SOUTH HALL**



### S-2541

Inspect /detect /checkweigh /x-ray



#### Double Seam Inspection

Non-destructive at In-line Speeds

- Rim & flange defects
- Sidewall dents & welds



#### Highest Line Speeds

Full Container X-ray Inspection

- Find metal, glass, stone+
- Noncontact @1,000cpm+



#### Empty / Filled Glass

Inspect Container & Contents with X-ray

- Inclusions, thin walls
- Contaminants, fill level



#### Next-Gen Can X-ray

Inspect Small to Large Metal Containers

- Find all contaminants
- Measure fill, closure

[www.peco-inspx.com](http://www.peco-inspx.com)



### S-2566

Inspect /detect /checkweigh /x-ray



#### Eclipse

Leak Detection for Paperboard Containers

- PRO Series Platform
- Online Leak Inspection



#### PROS/T550 X-Ray

Fill Level Detection

- Underfill/Overfill
- Lower Cost of Ownership



#### PRO Series Icon PC

Icon Driven Control

- PRO Series Interface
- Easy Icon Based Operation



#### PRO Series Force System

Leak Inspection

- Force Stainless
- Pressurized Containers

[www.taptone.com](http://www.taptone.com)



### S-2566

Inspect /detect /checkweigh /x-ray



#### FLIR A6301

Advanced Thermal Camera System

- Super Sensitive
- Fast Image Capture



#### FLIR A50

Thermal Machine Vision Camera

- Identify Defects Quickly
- Simple GEV Integration



#### FLIR A700

Real-time Thermal Inspections

- Flexible Integration
- Multiple Protocols



#### FLIR Ax8

Continuous Thermal Monitoring

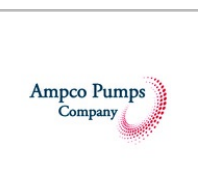
- Compact, Easy to Install
- PLC Compatible

[www.flir.com](http://www.flir.com)



### S-2766

Food processing equipment



#### ZP3 Series PD Pump

PATENTED front-loading seal design

- CIP without modifying
- Ease-of-maintenance



#### AL Series PD Pump

Performance, versatility and economical price

- 4 rotary lobe options
- Viscosities 1-1,000,000cP



#### JET-shear In-tank Mixer

High shear mixer, disperse, emulsify

- Multiple work heads
- Efficient, consistent



#### SHEAR-max Inline Mixer

High shear, efficiency, improve your process

- Single or dual stage
- Single pass batching

[www.ampcopumps.com](http://www.ampcopumps.com)



### S-2850

Conveying & accumulation



#### Flextrac Series Conveyor

Versatile Modular Plastic Chain Conveyor

- Infinite configurations
- Curves & elevations



#### AS80 Conveyor - NEW!

Wider, Longer, Stronger & Faster Conveyors

- Loads up to 600 lbs.
- Widths up to 36"



#### AS40 Conveyor

Single-Piece Aluminum Frame Belt Conveyor

- Versatile & user-friendly
- Crowned pulleys

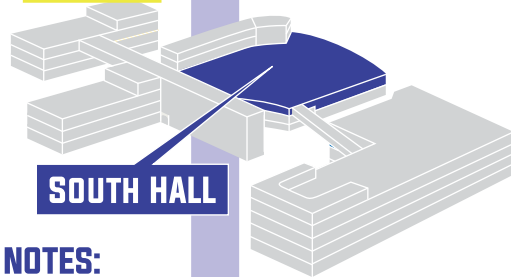


#### HydroClean Series

Easy-to-Clean Stainless Steel Sanitary Conveyor

- Pull-pin disassembly
- NSF Certified

[qcconveyors.com](http://qcconveyors.com)

**SOUTH HALL****NOTES:**

1400-1599 ▶

1600-1799 ▶

2000-2199 ▶

2400-2599 ▶

2800-2999 ▶

3000-3199 ▶

3200-3399 ▶

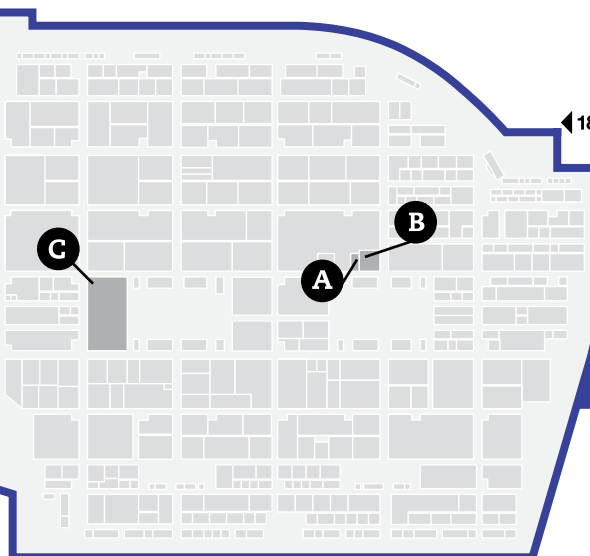
3400-3599 ▶

3600-3799 ▶

3800-3999 ▶

4000-4199 ▶

4200-4399 ▶

**ENTRANCE**

◀ 1800-1999

◀ 2200-2399

◀ 2600-2799

**FLOOR PLAN - SOUTH HALL****S-2854**

Conveying &amp; accumulation

[ppmtech.com/](http://ppmtech.com/)**SD Conveyor Systems****Horizontal-motion conveyors**

- Modular designs
- Lengths from 6 to 90 feet

**Libra Mass-Flow****Vibratory conveyor**

- Precise feeding & blending applications
- Loss-in-weight feedback

**Bucket Elevators****Stainless-steel bucket elevator systems**

- C & S-shape designs
- Single & divided buckets

**Bin & Tote Dumpers****Bin, crate and tote handling systems**

- Lift & Tip systems
- Gentle discharge options

**S-2854**

Food processing equipment

[ppmtech.com](http://ppmtech.com)**Continuous Oil Fryers****Oil Fryers for Nuts, Chips and Snacks**

- Custom lengths, widths, belts & heating systems

**Bucket Elevator Systems****Stainless or Carbon Steel Construction**

- Split buckets available
- S-shape or C-shape

**Roto-Cook Snack Fryer****Continuous Pellet Fryer**

- Compact, energy-efficient
- Gas or electric heating

**Food Seasoning Systems****Seasoning & Coating Systems**

- Powders, oils & slurry
- Plastic or SS drums

**S-2858**

Inspect /detect /checkweigh /x-ray

[www.key.net](http://www.key.net)**COMPASS Optical Sorter****Next level sorting with intuitive operation**

- Maximum quality
- Optimum yield & profits

**VERYX 2.0 Chute-Fed****Full-surface inspection of every object**

- Reduces operating costs
- Optimum quality

**VERYX 2.0 Belt-Fed****High performance advanced sensors**

- Maximum FM removal
- AI-driven features

**Key Discovery Analytics****Ultimate insight into your process**

- Sorter configurable
- Data analytics

**S-2858**

Conveying &amp; accumulation

[www.key.net](http://www.key.net)**Zephyr Conveyor****Gentle horizontal motion prevents breakage**

- Reversible option
- Maintenance-free drive

**Iso-Flo Conveyor****The industry standard for vibratory handling**

- Reliable and sanitary
- 30,000+ installations

**Impulse Conveyor****Precise feeding optimizes performance**

- Quiet operation
- Instant start and stop

**Grading, Sizing Conveyor****Robust design industry preferred solution**

- Custom-designed
- Durable and reliable

**S-2914**

Form/fill/seal - vertical

[www.syntegon.com](http://www.syntegon.com)**VFFS****Simple modular upgradability**

- SVX Agile
- Large bag size range

**VFFS****High output in small footprint**

- SVX Compact
- Speeds up to 300 bpm

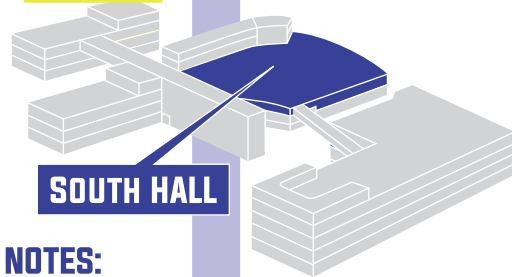
**VFFS****Highest output for small bags**

- SVX Duplex
- Speeds up to 600 bpm

**VFFS****Prepared for all bag styles**

- SVE 3220 DZ
- Speeds up to 180 bpm

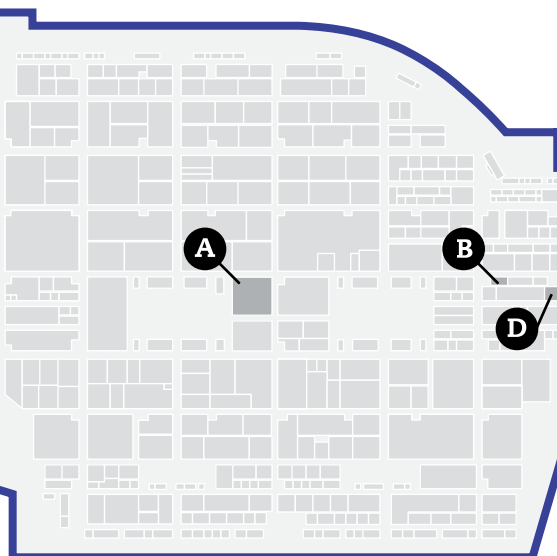




## NOTES:

1400-1599 ▶  
1600-1799 ▶  
2000-2199 ▶  
2400-2599 ▶  
2800-2999 ▶  
3000-3199 ▶  
3200-3399 ▶  
3400-3599 ▶  
3600-3799 ▶  
3800-3999 ▶  
4000-4199 ▶  
4200-4399 ▶

ENTRANCE



1800-1999

2200-2399

3000-2799

**FLOOR PLAN - SOUTH HALL**



**S-2939**

Inspect /detect /checkweigh /x-ray

**METTLER TOLEDO**

[www.mt.com/pi](http://www.mt.com/pi)



**Combination Inspection**

Up to 4-in-1 Product Inspection Systems  
• Available in all types of configurations



**Automatic Test System**

For Metal Detection in Free Fall Applications  
• Maximize Productivity  
• Increase Operator Safety



**V31 Vision Inspection**

Avoid Label Mix-up  
• Verifies the accuracy and integrity of labels



**X2 X-ray Inspection**

Attractively Priced Contaminant Detection  
• Safeguard your brand  
• Keep customers safe



**S-2983**

Conveying & accumulation



[www.vac-u-max.com](http://www.vac-u-max.com)



**REFILL PACKAGING**

Vacuum Conveying Components & Systems  
• Continuous REFILL  
• Handfuls to 25K lbs/hr



**MOBILE CONVEYING**

Mobile Vacuum Conveying Systems  
• No Lift / Climb / Dump  
• Adjustable Height



**AUTO-DEPOSITORS**

Automatic Refill of Ingredient Depositors  
• Continuous Refill  
• No Manual Dumping



**SOURCE TO SYSTEM**

Bulk Bag Load/Unload & Bag Dump Stations  
• Source to Destination  
• Ingredient Handling



**S-2983**

Dry processing & ingredient handling equipment



[www.vac-u-max.com](http://www.vac-u-max.com)



**PACKAGING REFILL**

Vacuum Conveying Components & Systems  
• Sanitary Designs  
• Handfuls to 25K lbs/hr



**MOBILE CONVEYING**

Mobile Vacuum Conveying Systems  
• No Lift / Climb / Dump  
• Adjustable Height



**AUTO-DEPOSITORS**

Automatic Refill of Ingredient Depositors  
• Continuous Refill  
• No Manual Dumping



**SOURCE TO PACKAGING**

Bulk Bag Load/Unload & Bag Dump Stations  
• Source to Destination  
• Ingredient Handling



**S-2995**

Form/fill/seal - vertical



[www.icausa.us/machines/](http://www.icausa.us/machines/)



**CSV40N / NTS**

Gable top with or without corner sealed  
• square-bottom  
• Up to 45 bags/min.



**CSV40 MAXI**

Vertical packaging for oversized bags  
• up to 11lbs  
• up to 8 bags/min.



**CSV40 Paket**

Premium top-treatment packages  
• tin-tie application  
• up to 35 bags/min.



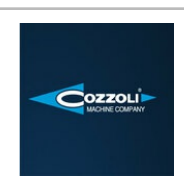
**CSV300**

Continuous motion for small pillow packs  
• high-speed efficiency  
• up to 120 bags/min.



**S-3092**

Filling /capping, liquid & viscous



[www.cozzoli.com](http://www.cozzoli.com)



**Ampule Filling & Sealing**

Compact Monoblock Machine  
• Stainless Steel Syringes  
• Minimal Maintenance



**Syringe Plugging**

Semi-automatic  
• 316L Vacuum Chamber  
• Pneumatic Stopper Transfer



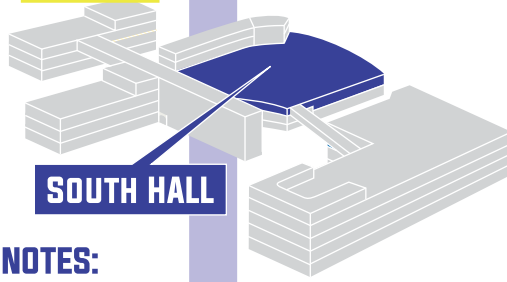
**Vial Filling & Stoppering**

Compact Continuous Motion Monoblock  
• Down Vial Eliminator  
• IIoT Technology



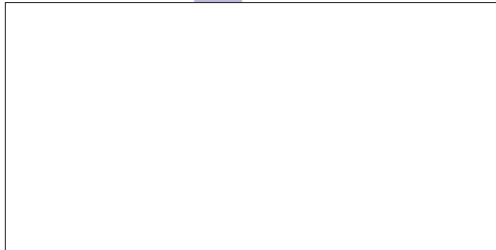
**High-speed Piston Filling**

Fast, Flexible and Reliable  
• 600+ Per Minute  
• Remote/support VPN



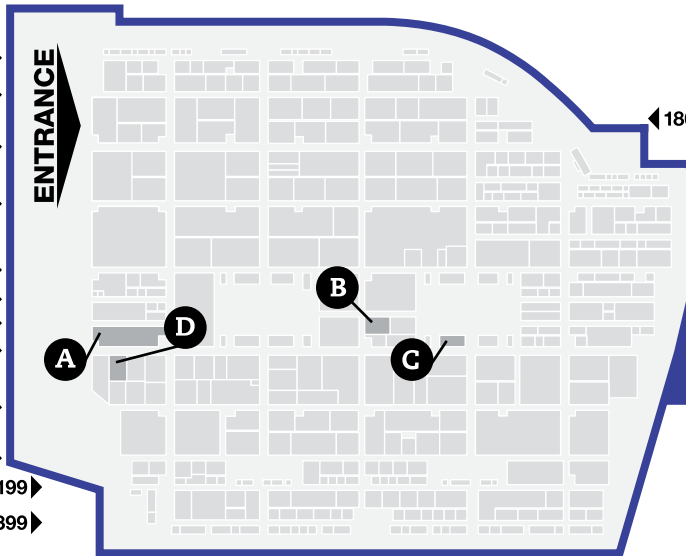
## SOUTH HALL

### NOTES:



1400-1599 ▶  
1600-1799 ▶  
2000-2199 ▶  
2400-2599 ▶  
2800-2999 ▶  
3000-3199 ▶  
3200-3399 ▶  
3400-3599 ▶  
3600-3799 ▶  
3800-3999 ▶  
4000-4199 ▶  
4200-4399 ▶

ENTRANCE



1800-1999

2200-2399

2600-2799

## FLOOR PLAN - SOUTH HALL



### S-3300

Conveying & accumulation

[pacteon.com](http://pacteon.com)



#### Vacuum Transfer

With laser coding & inspection

- Removes defective cans
- Up to 1800 cpm



#### Pack & Case Conveyor

Single-Lane and Multi-Lane

- Many formats & sizes
- Automatic diversions



#### Loose Container Convey

For Cans, Glass and PET Bottles

- Pressureless Single-File
- Up to 1800 cpm



#### Auto-Pivoting Guide Rails

1, 2, or 3-lane configurations

- Quick-adjust
- DC linear actuators



### S-3448

Liquid processing & handling equipment

[www.statco-dsi.com](http://www.statco-dsi.com)



#### Food Systems

Liquid Food Processing, cook, cool, mix, blend

- Improve quality, flavor
- Increase yields



#### Dairy/Long-Life Systems

Aseptic/ESL Processing for dairy, non-dairy

- Extend run times
- Reduce product loss



#### Beverage Systems

Continuous Inline Blending, direct to filler

- Ensure in-spec blending
- Quick SKU changeover



#### Innovative Systems

Deoxygenation System for beverage blending

- Reduce carbon footprint
- Use less-costly Nitrogen



### S-3448

Food processing equipment

[www.statco-dsi.com](http://www.statco-dsi.com)



#### Therma-Stat Long Life

The new era in Aseptic and ESL technology

- Extended run times, low burn-on



#### BlenZer Inline Blending

Market leader for inline continuous blending

- End time intensive batch processing



#### MixSys Powder Mixing

Ergonomic and efficient, powder mixing perfected

- Mixing dry powders into a liquid stream



#### Statco-DSI Case Packer

Pack it in, with a rugged, reliable Statco-DSI Caser

- Packing milk/juice bottles in to dairy crates



### S-3458

Filling /capping, liquid & viscous

[www.multi-fill.com](http://www.multi-fill.com)



#### MPFMP Volumetric Filler

Semi-automatic, robust, compact, efficient

- Small footprint
- Up to 60 cpm



#### MPFSH Volumetric Filler

Pocket filler for particulate foods

- Gentle product handling
- Up to 75 cpm



#### Counting Machines

For meatballs, cherry tomatoes, olives, etc.

- Sanitary design
- Small footprint



#### Distribution System

Deposit into multiple containers

- Intermittent motion
- Up to 70 cpm



### S-3502

Filling /capping, liquid & viscous

[www.pacificpak.com/](http://www.pacificpak.com/)



#### Intelli-Fil - NEW

C Series: Inline Continuous Motion

- Mag or mass meters
- Speeds from 80-300 CPM



#### Versa-Fil & Intelli-Fil

I Series: Inline Flow Meter & Volumetric

- Bottles from 2 oz to 5 gal
- Speeds up to 80 CPM



#### Versa-Fil & Intelli-Fil

R Series: Rotary Flow Meter & Volumetric

- Bottles from 1 to 128 oz
- Speeds up to 600 CPM

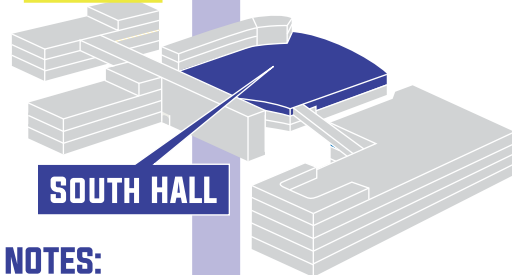


#### Specialty Fillers

Stripe, Two-Phase, Pail & JIB Fillers

- Up to 4 fill nozzle setup
- Fills from 8 oz to 5 gal



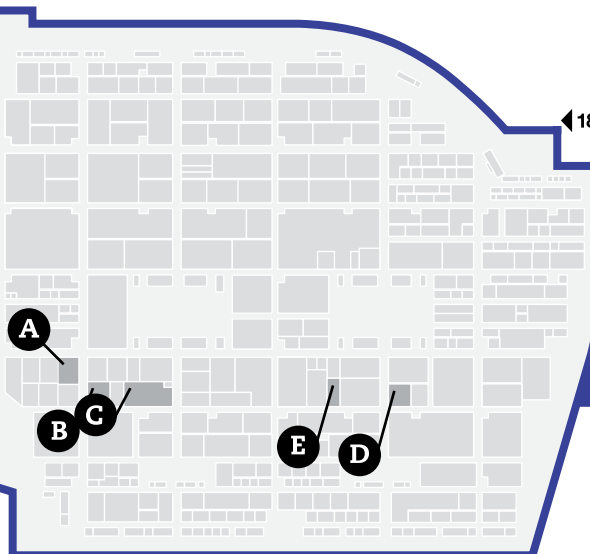


## SOUTH HALL

### NOTES:

1400-1599 ▶  
1600-1799 ▶  
2000-2199 ▶  
2400-2599 ▶  
2800-2999 ▶  
3000-3199 ▶  
3200-3399 ▶  
3400-3599 ▶  
3600-3799 ▶  
3800-3999 ▶  
4000-4199 ▶  
4200-4399 ▶

ENTRANCE



1800-1999

2200-2399

2600-2799

## FLOOR PLAN - SOUTH HALL

A

### S-3510

Filling /capping, liquid & viscous

MODERN



#### Inline Filling Systems

##### Inline Cup Fillers

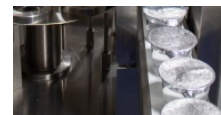
- Speeds from 30-600 CPM
- Fills cups from 0.25 oz to 10 lbs



#### Rotary Filling Systems

##### Rotary Cup Fillers

- Speeds from 30-120 CPM
- Fills cups from 0.25 oz to 10 lbs



#### Integrated Add-Ons

##### Add-On Equipment

- Automatic heat & lid sealers
- Dome & overcapping



#### PDF Seal Lids

##### Die-Cut Lids by PDF Seal

- Flexographic printing
- 40+ dies in inventory with 30 different shapes

[www.modernpackaging.com](http://www.modernpackaging.com)

B

### S-3614

Filling /capping, liquid & viscous

FOGG



#### PF 1800

##### New! Fogg Pressure Filler

- Bottle Filler
- Ideal for Spirits and HotFill Applications



#### Spirits Rinser

##### Rinse Recirculation System

- Bottle Rinser
- Minimize Proof Loss



#### F4.1 Spirits Filler

##### Available for Purchase!

- Gravity Filling System
- 24 Filling Valves and 8 Capping Heads



#### Hot Fill Recirculation Valve

##### Improved Temperature Management

- Pressure Filling Valve
- CIP Capable

[www.foggfiller.com](http://www.foggfiller.com)

C

### S-3620

Form/fill/seal - vertical

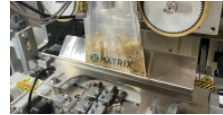
MATRIX



#### MVC-300

##### Fast, Reliable VFFS Packaging Machine

- Continuous Motion
- 200/BPM



#### MVI-280

##### Consistent, Dependable VFFS Packaging Machine

- Intermittent Motion
- 140/BPM



#### Pacraft TT8DN

##### Pre-made Pouch Fill & Seal Packaging Machine

- Pre-Made Pouch
- 55/PPM



#### INVpack MVA4

##### Efficient, Compact Sachet Packaging System

- Sachets
- Up to 350/minute

[www.MatrixPM.com](http://www.MatrixPM.com)

D

### S-3656

Filling /capping, liquid & viscous

PROSYS



#### Pharmaceutical Filling

##### Manual & Automatic Filling & Closing

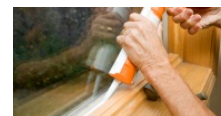
- Explosion Proof Controls
- Clean Room Installs



#### Cosmetic Filling

##### Manual & Automatic Filling & Closing

- Creams and Lotions
- Hot Melt Systems



#### Adhesive/Sealant Filling

##### Manual & Automatic Filling & Closing

- 10, 14 & 30oz Cartridges
- Speeds to 250



#### Lubricant Filling

##### Manual & Automatic Filling & Closing

- Viscous Products
- In-line Mixing Systems

[ProSysFill.com](http://ProSysFill.com)

E

### S-3660

Form/fill/seal - vertical

RENNCO



#### Model 301

A versatile packager suited for products that can fit in a 18" x 24" package.



#### Micro VCCL

Paper cup counting & bagging system w/ 330 cup p/min p/lane throughput.



#### EZ20

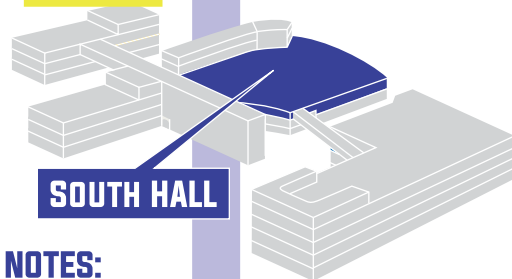
An entry-level priced packaging solution for various applications.



#### Automated Infeeds

Easily interfaced with a 301 or 501 packager for a completely automated packaging system.

[www.rennco.com](http://www.rennco.com)

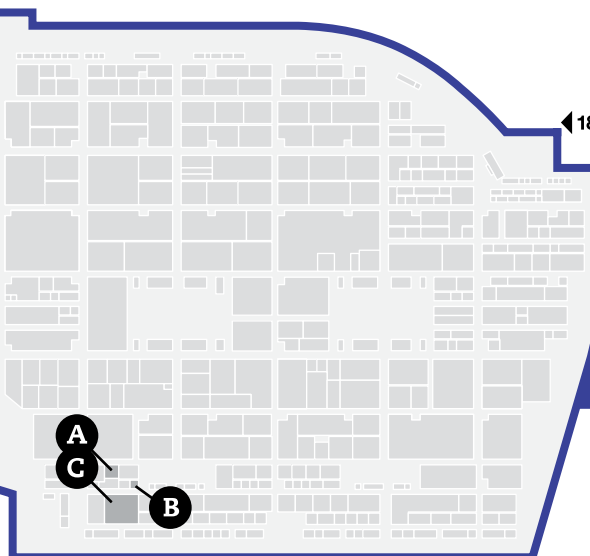


## SOUTH HALL

### NOTES:

1400-1599 ▶  
1600-1799 ▶  
2000-2199 ▶  
2400-2599 ▶  
2800-2999 ▶  
3000-3199 ▶  
3200-3399 ▶  
3400-3599 ▶  
3600-3799 ▶  
3800-3999 ▶  
4000-4199 ▶  
4200-4399 ▶

ENTRANCE



1800-1999

2200-2399

2600-2799

## FLOOR PLAN - SOUTH HALL



### S-3916

Inspect /detect /checkweigh /x-ray



[www.loma.com](http://www.loma.com)



#### X5 Space Saver X-ray

Inspection with product integrity checks

- X-ray machine
- Low TCO



#### IQ4 Metal Detector

Revolutionary detection performance

- Metal Detector
- True Variable Frequency



#### CW3 Checkweigher

Dynamic checkweighing for food & packaging

- Checkweigher
- Reduce give-away



#### X5 PACK Curtainless X-ray

Designed for lightweight and unsealed products

- X-ray machine
- Smaller footprint



### S-4021

Filling /capping, liquid & viscous



[www.ChaseLogeman.com](http://www.ChaseLogeman.com)



#### Fill - Plug - Cap - Label

Filling, Plugging, and Capping, with Labeling

- Automatic; up to 60 CPM
- Microliters to 125ml



#### Vial Fill Finish

Vial Filling, Stoppering, and Aluminum Sealing

- Full or Lyo Stoppering
- Tray Loading Option



#### Dropper Bulb Containers

Filling, Dropper Bulb Closure, with Labeling

- Euro Dropper, Brush Cap
- Full or Semi-Automatic



#### Filling - Capping

Filling, Capping, with Labeling Available

- X-Proof available
- CRC, Flat, and TE Caps



### S-4118

Form/fill/seal - vertical



[www.mamata.com/packaging-machine/](http://www.mamata.com/packaging-machine/)



#### VFC 180

Vertical form fill seal pouch machine

- VFFS
- 120 ppm



#### VFC 230

Vertical Form fill seal pouch machine

- VFFS
- 220 ppm



#### Vegapack 300 S

Multilane Sachet machine

- Sachet Machine
- 100 cpm

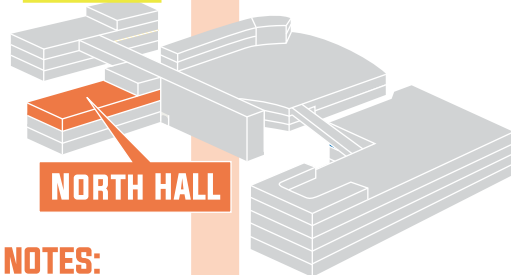


#### VFC 180

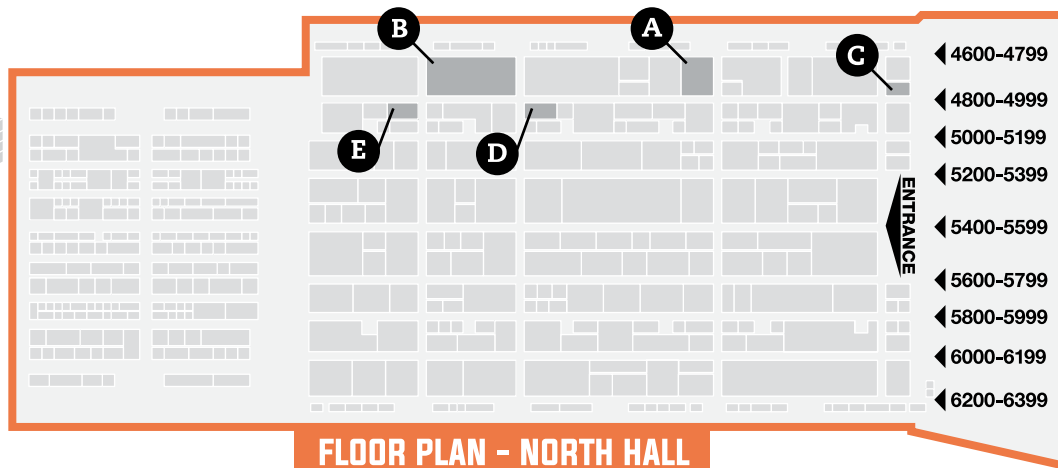
Vertical Form Fill Seal Pouch Machine

- VFFS
- 220 ppm





## NOTES:



**N-4721**  
Conveying & accumulation



**Outrunner Spiral**  
**Incline & Decline**  
• Cooling, Curing & Proofing  
• Washdown Capable



**Helical Curve Conveyor**  
**Incline & Decline**  
• Small Footprint  
• Tight Turning Radius



**High Speed Switch**  
**Sorting & Merging**  
• Divide Product Flow  
• Lots of Configurations



**Topper Lift**  
**Incline & Decline**  
• Small Footprint  
• Steep Elevation Angles

[www.spantechconveyors.com](http://www.spantechconveyors.com)



**N-4736**  
Form/fill/seal - vertical



**Venturi™**  
**Patented suction system**  
• Prevent leafy greens from getting stuck



**Tight-Bag™**  
**Optimize volume of air in each package**  
• No risk of product contamination



**Vertical Bagging**  
**Fast, economical packaging**  
• Highly flexible and versatile



**Automated Systems**  
**From product to pallet**  
• Reduce operational costs  
• Increase productivity

[www.harpak-ulma.com](http://www.harpak-ulma.com)



**N-4804**  
Conveying & accumulation



**DynaRoller**  
**Packaging/parcel conveyance & sortation**  
• Roller Conveyors  
• Modular, Zone Powered



**DynaClean**  
**Toolless disassembly, full washdown**  
• Sanitary Conveyors  
• Simple, Innovative



**Hybrid**  
**For demanding conveyance applications**  
• Specialty Conveyors  
• Turnkey Solution



**DynaCon**  
**Easily adapts to operational changes**  
• Modular Conveyors  
• Durable, Reliable

[dynamicconveyor.com](http://dynamicconveyor.com)



**N-4935**  
Conveying & accumulation



**Sanitary Bucket Elevator**  
**FDA Approved Contact surfaces, wet washdown**  
• Stainless components  
• Enhanced accessibility



**Bucket Conveyors**  
**Variety of Configurations**  
• 10 different configurations  
• 5 standard sizes



**Incline Conveyors**  
**Sanitary Conveying**  
• Quick Release sideboards  
• Toolless washdown



**Co-Packing Conveyors**  
**Versatile for Contract Packaging Facilities**  
• Low maintenance  
• Reduce downtime

[www.FrazierAndSon.com](http://www.FrazierAndSon.com)



**N-4945**  
Conveying & accumulation



**Stacker**  
**Stacks 3-8" Product Sizes Including Odd Shapes**  
• Up to 125 PPM  
• All Electric Option



**Laner**  
**Orients Random Bulk Product to Rows & Lanes**  
• Up to 125 PPM  
• Stand-Alone Option

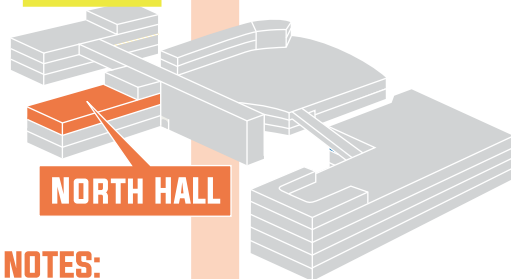


**Reject System**  
**Reject Product from Production Line**  
• Quality Control  
• Machine Vision Option

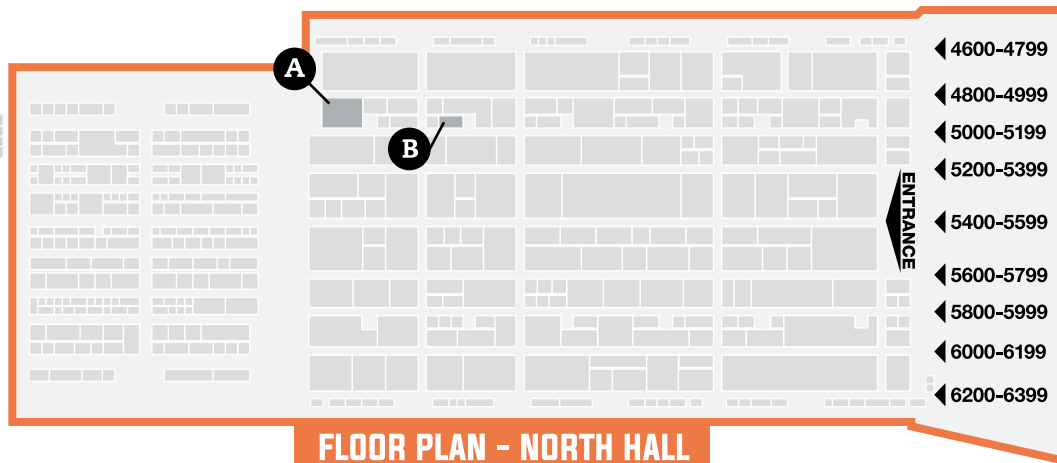


**Pizza Stacker**  
**Stacks Product Sizes from 7-16" Diameter**  
• Up to 125 PPM  
• All Electric Option

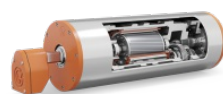
[www.forpak.com](http://www.forpak.com)



## NOTES:



**N-4950**  
Conveying & accumulation



### VDG Drum Motors

**One-Component Conveyor Belt Drive**  
• 80,000 Hours of Service Life Before Maintenance



### IronGrip™ Lagging

**Extends Lifespan of the Conveyor Belt**  
• Increase Belt Traction  
• Improve Belt Tracking



### SSV Drum Motors

**Drives Modular Belts Without Using Sprockets**  
• Eliminate Gaps/Crevices  
• Increase Hygiene



### IntelliDrive™ Permanent Magnet (PM) Drum Motor Technology

• Increase Efficiency  
• Increase Motor Lifespan

[www.vandergraaf.com](http://www.vandergraaf.com)



**N-4950**  
Food processing equipment



### SSV Series Drum Motors

**One-Component Conveyor Belt Drive**  
• 80,000 Hours of Service Life Before Maintenance



### SSV Profiled Drum Motors

**Drives Modular Belts Without Using Sprockets**  
• Eliminate Gaps/Crevices  
• Increase Hygiene



### SSV Profiled Sleeve (XP)

**Exchangeable Sleeve to Match Conveyor Belt**  
• Drives various belts with the same drum motor



### IntelliDrive™ Permanent Magnet (PM) Drum Motor Technology

• Increase Efficiency  
• Increase Motor Lifespan

[www.vandergraaf.com](http://www.vandergraaf.com)



**N-5041**  
Inspect /detect /checkweigh /x-ray



### Performer Weigh

**Metal detector and weigh unit**  
• Detect and Weigh  
• Integrated in one unit



### Performer Pneumatic

**Rejects ferrous, non-ferrous, and stainless**  
• Fast acting flap reject  
• Two Pinch-Valve reject



### DCM Conveyor

**Inspect packages for metal contamination**  
• Tunnel Metal Detector  
• Product Compensation



### Performer Gravity Fall

**Minimize loss of good product**  
• Gravity Fall Inspection  
• High Sensitivity

[www.buntingmagnetics.com](http://www.buntingmagnetics.com)



**N-5041**  
Food processing equipment



### HF Drawer Magnet

**Powerful magnetic separation**  
• Rated at 10,000 gauss  
• NUHI™ Magnets



### In-Line Magnet

**Effective, high strength magnetic separation**  
• Dilute phase conveying  
• Free product flow



### Magnetic Liquid Traps

**Protection Against Tramp Contamination**  
• Neodymium magnets  
• Metal-detectable gaskets



### Plate Magnets

**Handles powdery, moist & clumpy products**  
• Food, sanitary, & USDA  
• Rated at 10,000 gauss

[www.buntingmagnetics.com](http://www.buntingmagnetics.com)



**N-5041**  
Dry processing & ingredient handling equipment



### In-Line Magnet

**Effective, high strength magnetic separation**  
• Dilute phase conveying  
• Free product flow



### Performer Gravity Fall

**Minimize loss of good product**  
• Gravity Fall Inspection  
• High Sensitivity



### Performer Pneumatic

**Rejects ferrous, non-ferrous, and stainless**  
• Fast acting flap reject  
• Two Pinch-Valve rejects

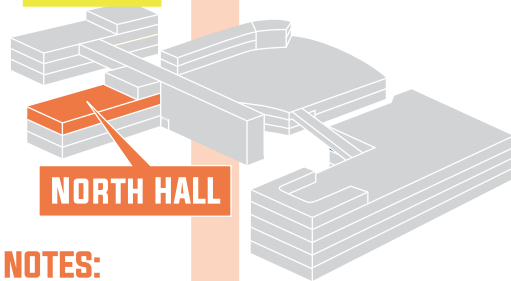


### HF Drawer Magnet

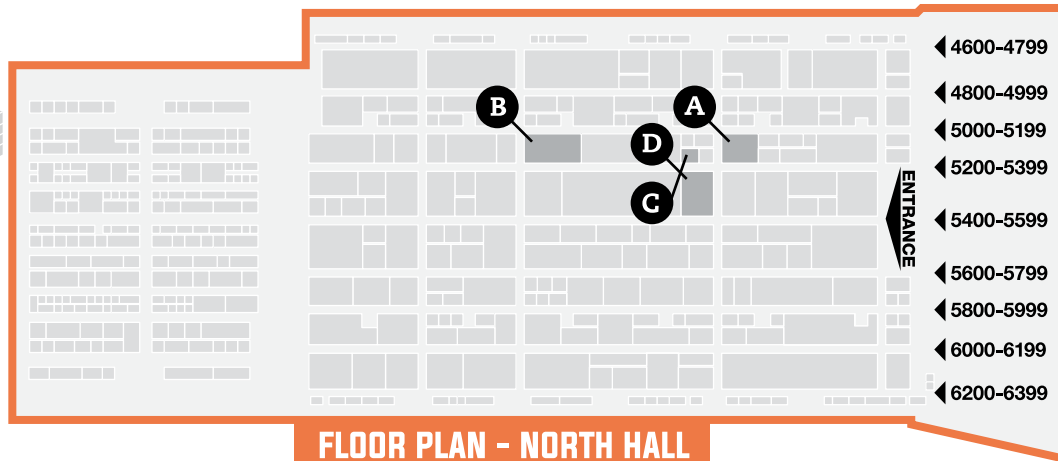
**Powerful magnetic separation**  
• Rated at 10,000 gauss  
• NUHI™ Magnets

[www.buntingmagnetics.com](http://www.buntingmagnetics.com)





## NOTES:



FLOOR PLAN - NORTH HALL



### N-5120

Form/fill/seal - vertical



#### tna ropac® 5

The fastest VFFS case packing system

- The smallest footprint
- Up to 200 bags/min



#### tna robag® 3e

Up to 5% increase in uptime

- Advanced VFFS system
- Up to 250 bags/min



#### tna intelli-flav® OMS 5.1

Consistent coverage and flavor

- On-machine seasoning
- Up to 3,527 lbs/hr



#### tna roflo® HM 3

Fast and gentle distribution for snacks

- Horizontal conveyor
- Up to 49.2 ft/min

[www.tnasolutions.com](http://www.tnasolutions.com)



### N-5120

Food processing equipment



#### tna conti-pro PC3

Continuous frying for evenly fried potato chips

- Optimized oil & product
- Up to 6,600 lbs/hr



#### tna intelli-flav® OMS 5.1

Consistent coverage & flavor

- On-machine seasoning
- Up to 3,527 lbs/hr



#### tna roflo® HM 3

Fast & gentle distribution for snacks

- Horizontal conveyor
- Up to 49.2 ft/min



#### tna robag® 3e

Up to 5% increase in uptime

- Advanced VFFS system
- Up to 250 bags/min

[www.tnasolutions.com](http://www.tnasolutions.com)



### N-5132

Conveying & accumulation



#### Flexible Package DYNAC

High speed / accumulation density

- Extensions available
- Small footprint



#### 6400 DYNAC

Transversal space limitations?

- Vertical FIFO
- Zero pressure



#### 6900 DYNAC

Tall or top-heavy products?

- High-speed, FIFO
- Vast product flexibility



#### 7100 DYNAC Series

Horizontal mass product flow accumulation

- Bottles or cans
- Custom configurations

[www.hartness.com](http://www.hartness.com)



### N-5222

Form/fill/seal - vertical



#### VFF-5030

Wood Pellets, Seeds, Fertilizer, Aggregates

- Vertical Free Flow
- Up to 24 BPM



#### VC-3030

Animal Bedding, Peat Moss & Soils

- Vertical Compression
- Up to 5 BPM



#### VC-3020

Small Bags for Animal Bedding & Soils

- Vertical Compression
- Up to 6 BPM



#### BSB-6010

Insulation Batts & Panels

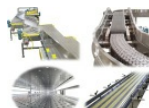
- FFS Batt Bagger
- 2-3 BPM

[rethceif.com](http://rethceif.com)



### N-5321

Conveying & accumulation



#### Conveyor Systems

Variety of design options to meet your needs



#### Lowerators and Elevators

Side grip and magnetic systems

- For round & non-round
- Case handling



#### Laners and Diverters

Custom designed servo laners and diverters

- Quick shifting
- Accurate alignment

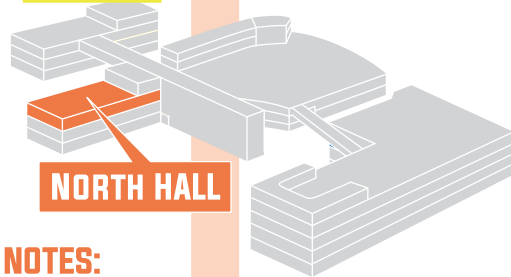


#### Gaylord / Tote Dumpers

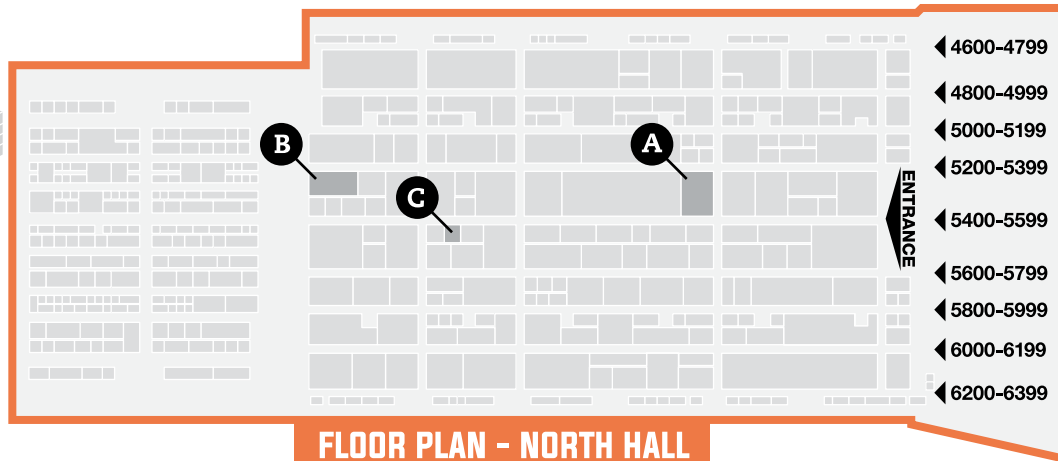
Heavy duty hydraulic system, powered infeed

- Pneumatic side panels
- Operator friendly

[www.CHSC1.com](http://www.CHSC1.com)



## NOTES:



**N-5321**  
Conveying & accumulation



[www.nalbach.com](http://www.nalbach.com)



### NECO-ORIENTER 360

Inline 360° orients containers  
• Quick & simple  
• Low cost



### NECO-ORIENTER 180

Inline 180° orients containers  
• Quick & simple  
• Low cost



### NECOSORT-S3

High-speed bottle unscrambler  
• Price savings  
• Reduces maintenance



### NECOSORT-III

High speed unscrambler reduces downtime  
• Handles light bottles  
• Space saver



**N-5350**  
Filling /capping, liquid & viscous



[ronchipackaging.com/ronchi-america](http://ronchipackaging.com/ronchi-america)



### EXACTA/R 18

Built in America Freestanding Filler  
• Flowmeter Technology  
• 12 weeks delivery time



### SIRIO/S 8T

Built in America Freestanding Capper  
• Servo Driven Spindles  
• 12 weeks delivery time



### SIRIO-P

Electronic Cam Capping Turret  
• Caps/Pumps/Triggers  
• Up to 300 bpm or more



### Exacata32/16-PD Monoblock

Exacata Filling and capping Monoblock  
• Caps/Pumps/Triggers  
• Up to 300 bpm or more



**N-5541**  
Inspect /detect /checkweigh /x-ray



[www.frain.com](http://www.frain.com)



### Metal Detector

LEAD TIME: 48 HOURS  
• FOR RENT: All-Fill, Ishida, Loma and more!



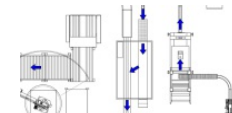
### Checkweigher

LEAD TIME: 48 HOURS  
• FOR RENT: Bartelt, Ishida, Loma and more!



### X-Ray

LEAD TIME: 48 HOURS  
• FOR RENT: All-Fill, Ishida, Loma and more!



### Line Integrations

LEAD TIME: 6 WEEKS  
• Complete Line Integrations available for ANY application!



**N-5541**  
Filling /capping, liquid & viscous



[www.frain.com](http://www.frain.com)



### Monoblock Filler

LEAD TIME: 2 WEEKS  
• FOR RENT: Accutek, Cozzoli, E Pak, Holomatic, World Cup



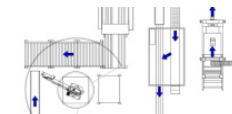
### Inline Filler

LEAD TIME: 2 WEEKS  
• FOR RENT: Accutek, Cozzoli, E Pak, Holomatic, World Cup



### Rotary Filler

LEAD TIME: 2 WEEKS  
• FOR RENT: Accutek, Cozzoli, E Pak, Holomatic, World Cup



### Line Integrations

LEAD TIME: 6 WEEKS  
• Complete Line Integrations available for ANY application!



**N-5541**  
Form/fill/seal - vertical



[www.frain.com](http://www.frain.com)



### Auger

LEAD TIME: 1 WEEK  
• FOR RENT: Bartelt, Ohlson, PSG Lee, Viking Masek and more!



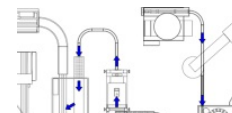
### Strip/Satchet Packaging

LEAD TIME: 1 WEEK  
• FOR RENT: Bartelt, Ohlson, PSG Lee, Viking Masek and more!



### Weigh Scale System

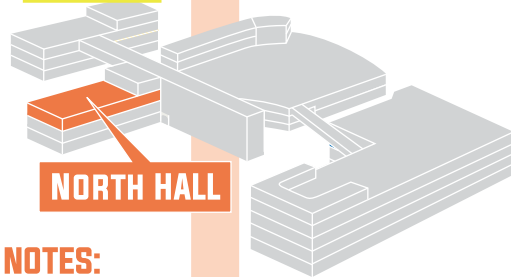
LEAD TIME: 1 WEEK  
• FOR RENT: Bartelt, Ohlson, PSG Lee, Viking Masek and more!



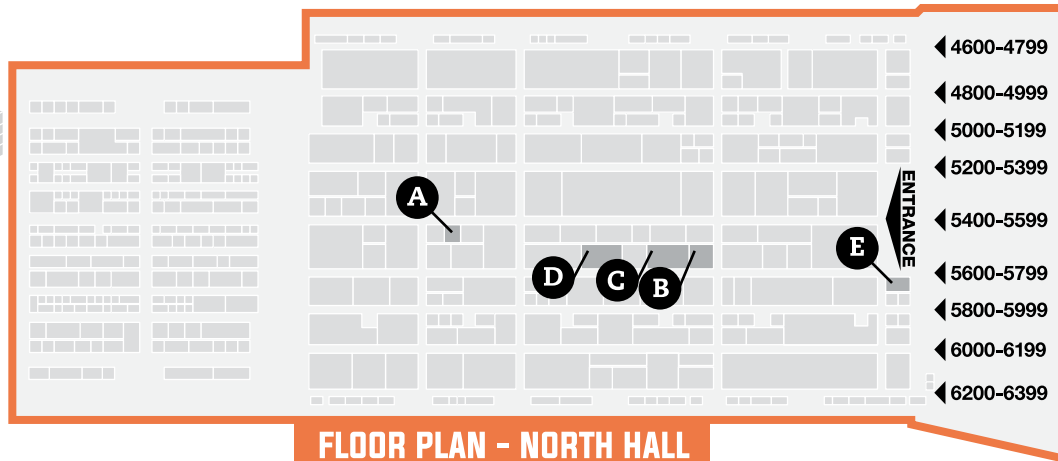
### Line Integrations

LEAD TIME: 6 WEEKS  
• Complete Line Integrations available for ANY application!





## NOTES:



**N-5541**  
Food processing equipment



[www.frain.com](http://www.frain.com)



### Cutter/Slicers

**LEAD TIME: 48 HOURS**  
• FOR RENT: Urschel, Gemac and more!



### Homogenizers

**LEAD TIME: 48 HOURS**  
• FOR RENT: APV, FBF Italia, Tetra Pak Hoyer and more!



### Tanks and Kettles

**LEAD TIME: 48 HOURS**  
• FOR RENT: Lee, Groen, Feldmeier, Cherry Burrell, APV and more!



### Mills

**LEAD TIME: 48 HOURS**  
• FOR RENT: Fitzmill, Fitzpatrick, Quadro and more!



**N-5621**  
Conveying & accumulation



[garvey.com](http://garvey.com)



### Infinity Accumulator

**Patented Technology**  
• Zero pressure accumulation  
• Single File



### Bi-Flo Accumulator

**Buffer for Product Accumulation**  
• Small footprint



### Infinity Rx Accumulator

**Pharmaceutical Industry**  
• High speed  
• Zero pressure



### Automatic Vial Dryer

**Patented Pressureless Loop Technology**  
• Maintain cold chain integrity



**N-5623**  
Conveying & accumulation



[www.dornerconveyors.com](http://www.dornerconveyors.com)



### Industrial Conveyors

**Precision Automation**  
• Low Profile Designs  
• Variety of Load Capacities



### Flexible Chain Conveyors

**Adaptable Packaging**  
• Elevation Changes  
• Tight Turn Radius



### Pallet System Conveyors

**Assembly Automation**  
• Precise Product Control  
• Automation Ready Modules



### Stainless Steel Conveyors

**Food & Pharmaceutical**  
• Wipe Down or Full Wash Down  
• Safe & Sanitary



**N-5629**  
Filling /capping, liquid & viscous



[pactivevergreen.com/filling-equipment](http://pactivevergreen.com/filling-equipment)



### N-200 Machine

**The all new Eco-Pak® filling solution for the single serve market**



### EH-84 Machine

**Best-in-class half-gallon gable top machine, servo driven, quick setup and repeatable performance**



### EQ-70 Machine

**For your quart/liter cross-section needs, the EQ-70 offers expertise in ELL® practices**



### Run Time® Program

**Extend the life of your gable top packaging equipment with our Run Time OEM parts/service**



**N-5704**  
Inspect /detect /checkweigh /x-ray



[www.thermofisher.com/productinspection](http://www.thermofisher.com/productinspection)



### Checkweighers

**Versa Checkweighers**  
• Weigh, count, reject  
• High accuracy



### X-ray Inspection

**NextGuard C330 X-ray Detection System**  
• Contaminant detection  
• Product verification



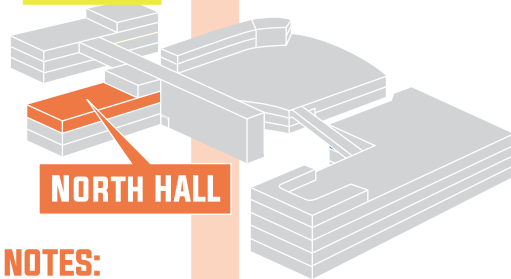
### Metal Detectors

**Sentinel 5000 Multiscan Metal Detector**  
• Contaminant detection  
• 5 selectable frequencies

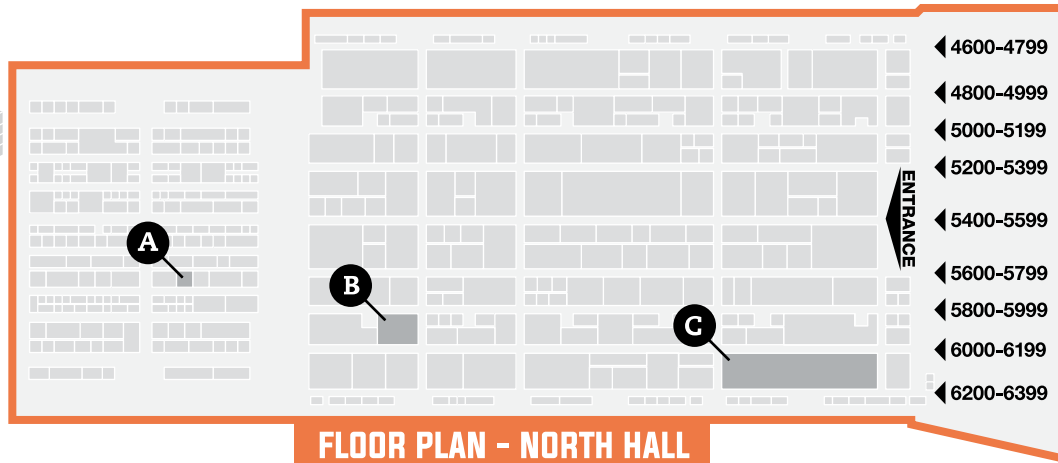


### Combination Systems

**Global VersaWeigh Checkweigher/Sentinel Metal Detector Combo**  
• Cost and space savings



## NOTES:



### N-5870

Conveying & accumulation



[www.kice.com/](http://www.kice.com/)



#### Pneumatic System

**Kice Industries Pneumatic System**

- Dust control
- Material aspiration



#### Baghouse Filter

**Kice Industries Baghouse Filter**

- Baghouse Filter
- Dust control



#### PD4000 Air Power Unit

**Kice Industries Air Power Unit (APU)**

- Air Power Unit (APU)
- Pneumatic Conveying



#### VJOT Air Lock

**Kice Industries Rotary Airlock**

- Rotary Airlock
- Pneumatic Conveying



### N-5870

Dry processing & ingredient handling equipment



[www.kice.com/](http://www.kice.com/)



#### Pneumatic System

**Kice Industries Pneumatic System**

- Dust control
- Material aspiration



#### Baghouse Filter

**Kice Industries Baghouse Filter**

- Baghouse Filter
- Dust control



#### PD4000 Air Power Unit

**Kice Industries Air Power Unit (APU)**

- Air Power Unit (APU)
- Pneumatic Conveying



#### VJOT Air Lock

**Kice Industries Rotary Airlock**

- Rotary Airlock
- Pneumatic Conveying



### N-5945

Conveying & accumulation



[www.ryson.com](http://www.ryson.com)



#### Unit Load Spirals

**Space saving vertical conveying for unitized loads. Ideal for end-of-line transportation.**



#### Mass Flow Spirals

**Vertical conveying for cans, jars, bottles and similar containers with a constant product flow.**



#### Bucket Elevator

**Combines vertical and horizontal transportation in one unit. Completely modular and enclosed.**



#### Narrow Trak Spiral

**Super compact vertical conveying for smaller loads. Fast and reliable for single file or in mass.**



### N-6106

Conveying & accumulation



[www.heatandcontrol.com](http://www.heatandcontrol.com)



#### FastBack® SwitchBack™

**A Compact, Trouble-free Accumulation Buffer**

- Gentle product handling
- Wet/dry environments



#### FastBack® Fastlane

**Effective Singulation Increases Production**

- Slicer infeed conveyor
- More slices, less scrap



#### FastBack® 4.0

**Gentle Horizontal Motion Conveying**

- 70% fewer moving parts
- Highest travel rates



#### Revolution® Gate

**Ultimate Proportional Feed for OMS**

- Sanitary, safe, no breakage



### N-6106

Form/fill/seal - vertical



[www.heatandcontrol.com](http://www.heatandcontrol.com)



#### Ishida Inspira Series

**World's Best Performing VFFS Bagmaker**

- Reduce operator errors
- Quick changeovers



#### Ishida iTPS

**Multihead Weigher and Bagmaker Integration**

- Single control panel
- Up to 200 bags/minute



#### Ishida Atlas Series

**Flexible, High Productivity Bagmaker**

- Reliable seal integrity
- Up to 250 bags/minute

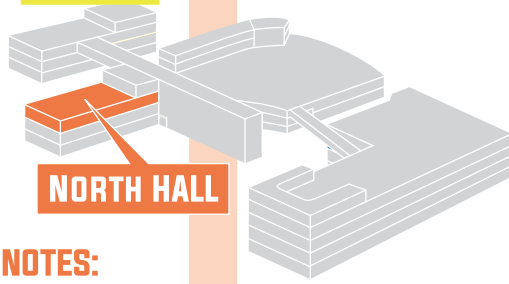


#### Ishida ACP-700 Series

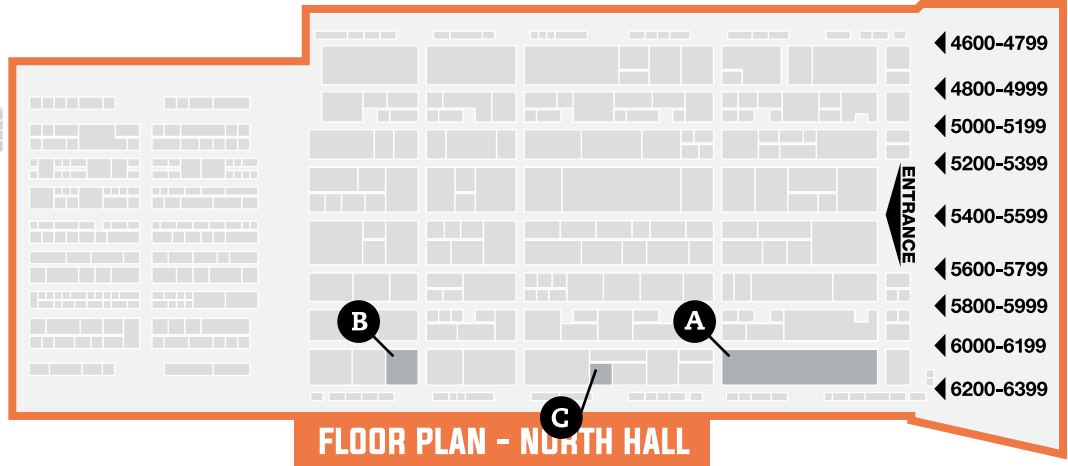
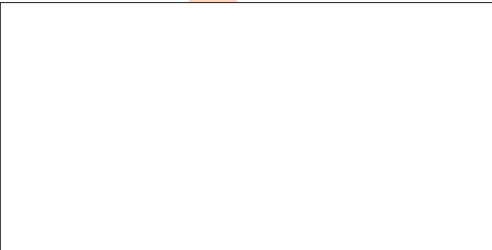
**More Efficient Snack Food Case Packer**

- Flexible pack patterns
- Fully automatic





## NOTES:



**N-6106**  
Food processing equipment



[www.heatandcontrol.com](http://www.heatandcontrol.com)



**AirFry System**  
Industrial Air Frying Technology's Benchmark  
• Retrofit or new system  
• "Fried-like" product



**French Fry Fryer**  
Precise Frying Control and Performance  
• Uniform frying  
• Multi-zone & two-stage



**Corn Products Fryer**  
Fresh Product with a Longer Shelf Life  
• High capacity  
• Precise temp control



**Potato Chip Fryer**  
Ultimate Potato Chip Processing  
• Precise temp control  
• Superior oil quality



**N-6145**  
Filling /capping, liquid & viscous



[rebrand.ly/liquid-filling-67d899](http://rebrand.ly/liquid-filling-67d899)



**ELEMENTRA 16**  
Semi-automatic filling of containers on a pallet  
• Fill by weight  
• Up to 1 drum/min



**ELEMENTRA 19**  
Semi-automatic pail and canister filling  
• Fill by weight  
• Up to 4 pails/min



**INTEGRA 71**  
Fully automatic filling of containers on a pallet  
• Fill by weight  
• Up to 1 IBC/min



**INTEGRA 84**  
High-speed drum filling, fully automatic  
• Fill by weight  
• Up to 1 drum/min



**N-6229**  
Conveying & accumulation



[www.laytonsystems.com](http://www.laytonsystems.com)



**TURNKEY SYSTEMS**  
Complete Product Conveying  
• Handling to Scale  
• Control Systems



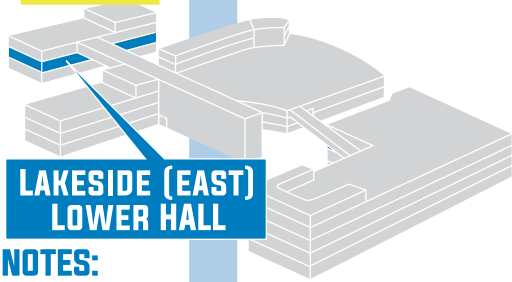
**VIBRATORY CONVEYOR**  
Small to Large Capacity  
• Electro-Magnet Drives  
• Off-Center Drives



**BELT CONVEYORS**  
Flat, Incline, Z-Style  
• All types of belting  
• All widths & lengths

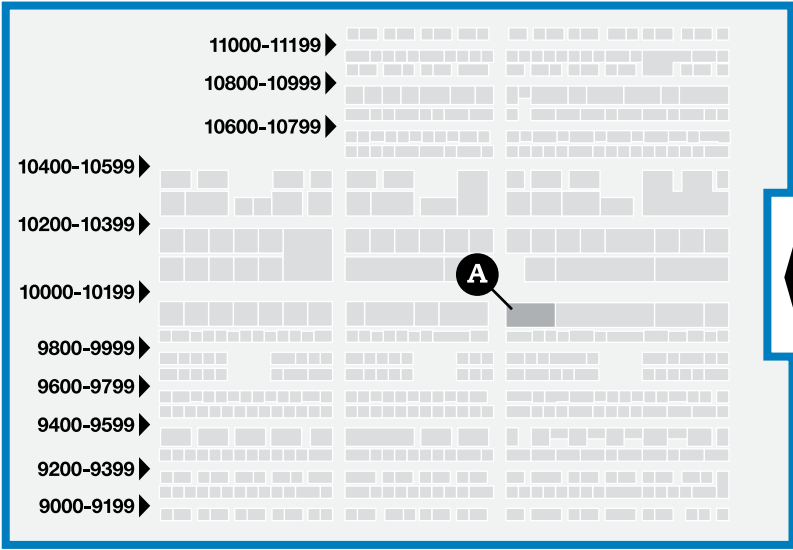


**HIGH-CAPACITY**  
Large Loads / Long Lengths  
• Horizontal Motion  
• Vibratory / Shaker



LAKESIDE (EAST)  
LOWER HALL

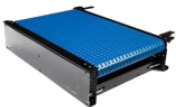
NOTES:



**LL-10014**  
Conveying &  
accumulation



[www.regalrexnord.com](http://www.regalrexnord.com)



**ModSort® Systems**

**Multi-Divert Module**

- Unlimited motion control
- Multiple package types



**Perceptiv™**

**Digital reliability solutions**

- Intelligent industrial equipment



**Bauer HiflexDRIVE SS**

**Reliable gear motor**

- Maintain speed
- IP69K rating



**Sealmaster® SS Gold™**

**Extreme environments**

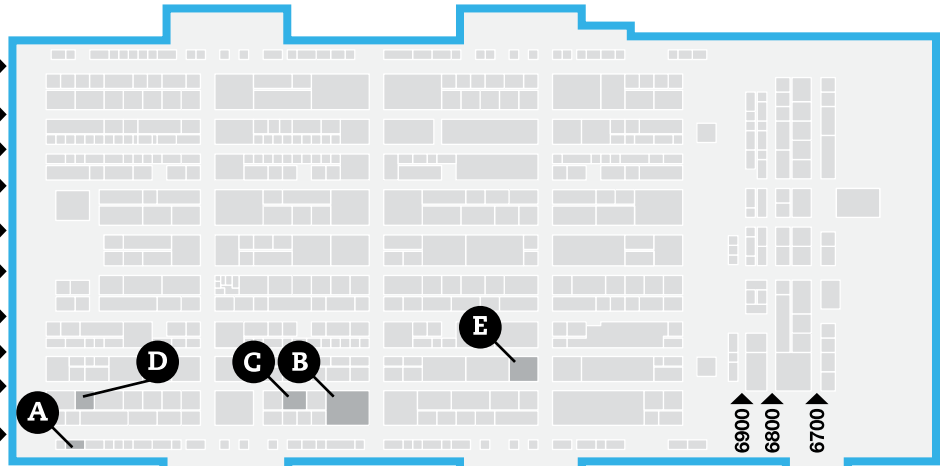
- High performance seal
- IP69K certified



## LAKESIDE (EAST) UPPER HALL

### NOTES:

8800-8999 ▶  
8600-8799 ▶  
8400-8599 ▶  
8200-8399 ▶  
8000-8199 ▶  
7800-7999 ▶  
7600-7799 ▶  
7400-7599 ▶  
7200-7399 ▶  
7000-7199 ▶



## FLOOR PLAN - LAKESIDE (EAST) UPPER HALL

ENTRANCE

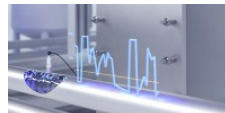
A

### LU-7064

Liquid processing & handling equipment



[www.baumer.com](http://www.baumer.com)



#### Elite Process Sensors

Award-winning level & conductivity  
• Pressure, level, flow, etc.  
• Ultra precision



#### New Edge Sensors

Precise measurement on transparent objects  
• Compact housing  
• Digital data for analysis



#### IO-Link Technology

Wide portfolio of IO-link sensors  
• Freeware for analysis  
• Monitor optimization



#### New Multicode Reader

Simple code and text reading  
• 40 frames per second  
• 1D/2D codes/text

B

### LU-7135

Food processing equipment



[www.urschel.com](http://www.urschel.com)



#### RockRepeller™ Impeller

Production Proven Cost Savings  
• Potato Chip Slicing  
• Filters out rocks



#### Comitrol® DM380

NEW Disc Mill  
• Nut Milling  
• Produces nut pastes



#### DiversaCut 2110A®

High Capacity Dicing  
• Dicer  
• Built-in conveyor



#### Affinity® Dicer

Preformed Log/Chub Dicing  
• Dicer  
• Built-in precutter

C

### LU-7241

Conveying & accumulation

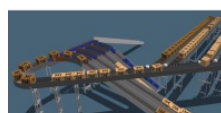


[www.dfequip.com](http://www.dfequip.com)



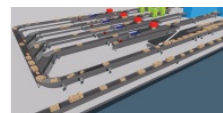
#### Custom Conveyors

Project engineers with 300+ years experience  
• Stainless steel design  
• Process engineering



#### Automated Conveyors

Empty or full box conveyor systems  
• Multiple size boxes  
• Many delivery locations



#### Box Sealer System

Case handling, sorting, and scaling  
• Facility-wide handling  
• Sorting and merging



#### Ham Lines

Processing systems and integration  
• Sanitary conveyance  
• Custom designs

D

### LU-7264

Food processing equipment



[www.idahosteel.com](http://www.idahosteel.com)



#### Sliver Remover

More than 98% of the slivers will be removed and none of your product is lost.



#### Hydro Cutter

The knife block can be changed in minutes. Blockages removed without stopping the process.



#### Raw Receiving Bins

Designed to streamline your production process. Tailored to meet the specific demands of your industry.



#### Stainless Steel Decking

Offers superior resistance to corrosion and contamination.

E

### LU-7318

Liquid processing & handling equipment



[www.axiflowtechnologies.com](http://www.axiflowtechnologies.com)



#### STS(C) Models

Twin Screw Pump  
• Low Shear Product Transfer  
• 2 in 1 Product Transfer



#### AxiAuger Pump

AxiAuger Pump  
• High Viscosity Product Pumping  
• Solids and Particulate



#### AxiAuger Drum Unloader

Drum Unloader  
• 50+ GPM Unloading  
• Variable Plate Sizes



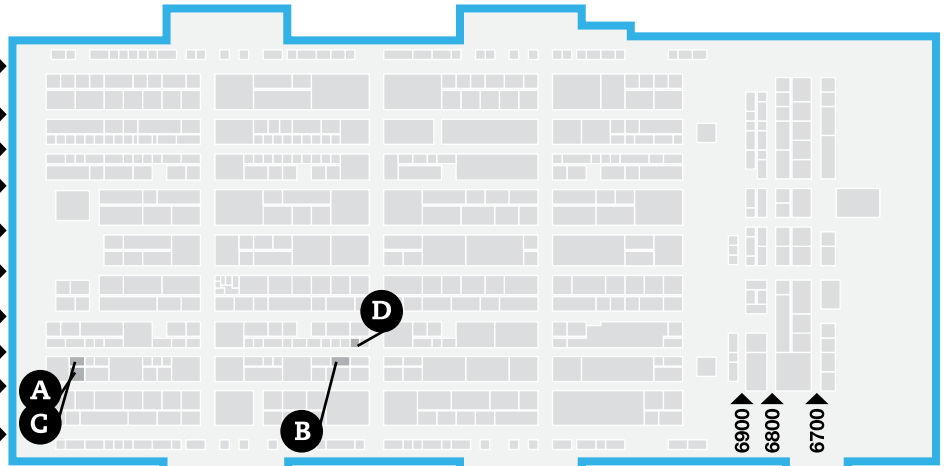
#### Twin Screw Service/Train

Ranked #1 in Service  
• Onsite Start-Up and Maintenance Training  
• Process Trained

## LAKESIDE (EAST) UPPER HALL

### NOTES:

8800-8999 ▶  
8600-8799 ▶  
8400-8599 ▶  
8200-8399 ▶  
8000-8199 ▶  
7800-7999 ▶  
7600-7799 ▶  
7400-7599 ▶  
7200-7399 ▶  
7000-7199 ▶



## FLOOR PLAN - LAKESIDE (EAST) UPPER HALL

ENTRANCE

A

**LU-7364**

Food processing equipment



[Blentech.com](http://Blentech.com)



#### Horizontal Kettles

**Lower prices, proven Blentech performance**

- Less labor, more product
- Simple to configure



#### Batch Cookers/Mixers

**Basic machines or systems: all applications**

- Cook, mix, or cool
- Automated recipes



#### Vacuum Cooling

**Quickly cool to < 40°F (< 5°C) without pumping**

- Eliminate cryogen costs
- Increase product quality



#### Thermal Screws

**Continuously blanch, steam, cook, or fry**

- Higher efficiency
- Easier to clean

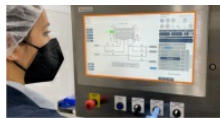
A

**LU-7364**

Food processing equipment



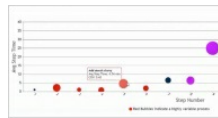
[Blentech.com](http://Blentech.com)



#### Configurable Controls

**Eliminate costs with digital records & recipes**

- Open and secure
- HACCP compliant



#### Predictive Performance

**Know your issues, before they become problems**

- Consistent quality
- Anticipate loss



#### Expanded Service

**Uptime matters, we're in this together**

- Proactive maintenance
- Express parts shipment



#### Performance Guarantee

**Increase confidence with testing & engineering**

- Grow with confidence
- Validated engineering

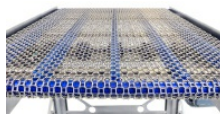
B

**LU-7437**

Conveying & accumulation



[www.wirebelt.com](http://www.wirebelt.com)



#### Compact-Grid™ belts

**USDA-Accepted, superior support & simple to join**

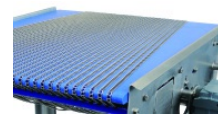
- Robust & clean-in-place
- 10mm & 15mm meshes



#### Eye-Flex® belts

**Heavy-duty metal modular conveyor belts**

- Robust and long lasting
- Limitless configurations



#### Ladder-Flex™ conveyors

**Spreading, converging & diverging conveyors**

- Custom designed
- Tight transfers, non-slip



#### Versa-Link® belts

**Stainless steel, easy-to-clean design**

- USDA-Accepted
- Simple and easy joining

C

**LU-7464**

Inspect / detect / checkweigh / x-ray



[www.foodradar.com](http://www.foodradar.com)



#### Food Radar Systems

**Detection of Soft & Hard Plastic**

- Inline for emulsions
- Dielectric properties



#### Food Radar Systems

**Detection of Wood, Rubber, Alu Foil, Fruit Pit**

- No calibration needed
- Flexible designs



#### Food Radar Systems

**Patented AirZip for inline air removal**

- Improves sensitivity
- Reduces false positives



#### Food Radar Systems

**Technology Excellence Awards 2024**

- Food/Beverage Finalist
- Unique plastic detection

D

**LU-7536**

Food processing equipment



[www.bepex.com](http://www.bepex.com)



#### Continuator

**Continuous Pressure Cooker**

- Efficient & scalable
- Smaller footprint



#### RP Disintegrator

**Simple Mill Design**

- Mill, shred, puree, or delump
- Quick clean & change



#### Thermascrow

**Gently heat, roast, cook, thaw, cool, and more.**

- Gentle thermal process
- Strict plug flow



#### RE Extractor

**Block grinder for meat, cheese, and more.**

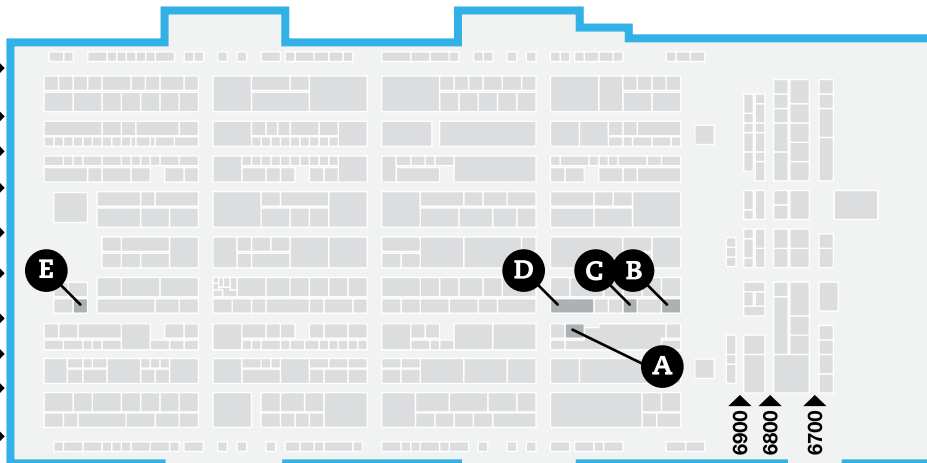
- Low-speed high-torque
- Grind frozen or thawed



## LAKESIDE (EAST) UPPER HALL

### NOTES:

8800-8999 ▶  
8600-8799 ▶  
8400-8599 ▶  
8200-8399 ▶  
8000-8199 ▶  
7800-7999 ▶  
7600-7799 ▶  
7400-7599 ▶  
7200-7399 ▶  
7000-7199 ▶



## FLOOR PLAN - LAKESIDE (EAST) UPPER HALL

ENTRANCE

A

### LU-7613

Liquid processing & handling equipment



[www.mxdprocess.com](http://www.mxdprocess.com)



#### B'Cast Tanks & Vessels

Custom manufactured stainless steel vessels

- Pressure, storage, and processing tanks



#### Mixer Direct

Heavy-duty & portable industrial mixers

- Custom and standard options



#### ShearPro

High shear dispersers and emulsion mixers

- Lab scale to production scale



#### Torrey Mills

High viscosity dispersing three roll mills

- Precise tuning to 1 micron

B

### LU-7703

Liquid processing & handling equipment



[www.fristam.com/usa](http://www.fristam.com/usa)



#### FDS Series Pump

Twin Screw Pump

- Wide viscosity range
- Dual-duty: transfers product and CIPs itself



#### Fristam Powder Mixer

Better Mixing, Less Time

- Consistent batch results
- Reduces mixing times up to 90%



#### FS Shear Blender

Fix Your Mix Easily

- Blends in just one pass
- Fixes under-performing in-tank mixing systems



#### FCM Series Colloid Mixer

Faster, Easier Emulsions

- Cleans-In-Place
- Time-saving on-the-fly gap adjustment

C

### LU-7708

Liquid processing & handling equipment



[www.membranepc.com](http://www.membranepc.com)



#### Membrane Filtration

Engineered To Order - MF, UF, NF, RO and HPRO

- Separation/Concentration
- Reclaim Process Water



#### Sanitary Process Tanks

1 to 60,000 Gallon Single Wall or Jacketed

- Insulated and Cladded
- ASME and 3A



#### Process Systems

CIP, Valve Array, Batch Blending Systems

- Process Engineering
- Pasteurization, HTST



#### Control & Automation

Complete UL508A Panel Design & Construction

- Process interface
- Plant integration

D

### LU-7712

Food processing equipment



[www.mepaco.net](http://www.mepaco.net)



#### Cookers - ThermaBlend

Versatile Cooking

- ThermaBlend
- Large scale batch operations



#### Dumpers

Configurations Solve for Application

- Efficient Dumpers
- Solve food safety



#### Mixers - Blenders

Mixing and Buffering

- Mixer, Mixer-Blender
- Customize batch operations



#### In-house Testing

Solve Recipe and Scale Automation

- Cooking and blending
- Factory Acceptance

E

### LU-7764

Food processing equipment



[www.ebaramixers.com](http://www.ebaramixers.com)



#### Dual Motion HR Mixer

Double-action/Dual-shaft hydraulic mixing system

- Continuous batch mixing



#### Scott Mixing Heads

Dispersing and emulsifying

- Draw top/bottom simultaneously



#### Lab Mixer

Development or Scale-up

- Benchtop Mixer
- Process flexibility optimization



#### Hydraulic Ram System

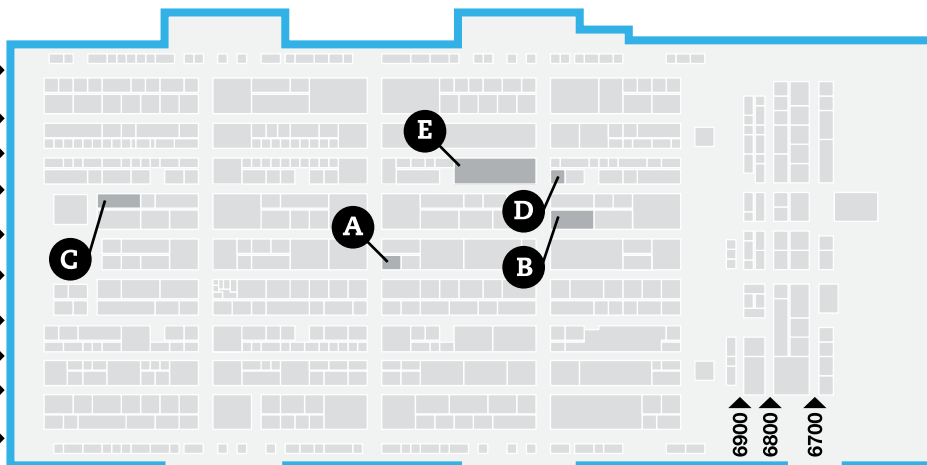
Pilot-to-full scale

- Batch Mixing System
- Rapid dispersion and emulsification

## LAKESIDE (EAST) UPPER HALL

### NOTES:

8800-8999 ▶  
8600-8799 ▶  
8400-8599 ▶  
8200-8399 ▶  
8000-8199 ▶  
7800-7999 ▶  
7600-7799 ▶  
7400-7599 ▶  
7200-7399 ▶  
7000-7199 ▶



## FLOOR PLAN - LAKESIDE (EAST) UPPER HALL

ENTRANCE

A

### LU-7932

Inspect /detect  
/checkweigh  
/x-ray



[flexiblevision.com](http://flexiblevision.com)



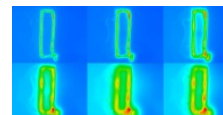
#### Bottling Inspections

Detect chips and defects  
in caps, labels, etc.  
• Class 1/Div 1 options  
• Turnkey options



#### 360 View

Full product coverage  
• Inspect an entire 360  
view with one trigger



#### Thermal Vision Inspection

Verify heat seals  
• Temperature readings



#### Automated Vision Cells

Batched Inspections  
• 3-axis motion, many  
resolutions  
• X-Ray capabilities

B

### LU-8116

Food  
processing  
equipment



[www.provisur.com](http://www.provisur.com)



#### Formax® SX330 Slicer

With a small footprint  
and fast blade speeds,  
this slicer takes on short  
runs and rapid  
changeovers with ease.



#### Formax® FMS

Revolutionary product  
handling system that  
increases productivity,  
flexibility, and hygiene.



#### CashinSX Bacon Slicer

Effectively slice your  
bacon at high speeds  
with exceptional weight  
control and unsurpassed  
yields.



#### Formax® SX550 Slicer

Our largest slicer  
combines high  
throughput and accurate  
portion control in a  
compact footprint.

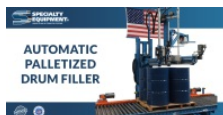
C

### LU-8258

Filling  
/capping,  
liquid &  
viscous



[specialtyequipment.com](http://specialtyequipment.com)



#### Automatic Drum Filler

Auto drum filler fills 1  
55-gallon drum per  
minute, while removing  
& installing bung plugs.



#### Automatic Bottle Filler

Our NEW inline bottle  
filler has up to 14 filling  
heads, fills up to 6,000  
2oz to 3 gallon bottles an  
hour.



#### Drum & IBC Tote Filler

Palletized drum, pail &  
IBC/tote filler is a top and  
subsurface filler with a  
range of 5 to 550 gallons.



#### Mobile Pail Filler

Our mobile pail filler,  
with 2 filling lances, fills  
8-10 5-gallon pails per  
minute at multiple  
locations.

D

### LU-8315

Liquid  
processing &  
handling  
equipment



[www.silverson.com](http://www.silverson.com)



#### New! FMX10 Mixer

Small-scale  
powder/liquid mixer  
• Batches of up to 50 liters  
• Process high viscosities



#### L5M-A Laboratory Mixer

Multipurpose high shear  
laboratory mixer  
• Easy & accurate scale up  
• 40+ workheads



#### In-tank Batch Mixers

Reduce mixing times by  
up to 90%  
• From 1 to 8,000 gallons  
• Eliminate agglomerates



#### In-Line Mixers

Emulsify, homogenize,  
disintegrate & more  
• Up to 1,100 gallons/min  
• 2-5 microns achievable

E

### LU-8318

Filling  
/capping,  
liquid &  
viscous



[www.unimac-gherri.com](http://www.unimac-gherri.com)



#### CAPPERS

For Metal Lug Caps  
• With or without vacuum  
• Up to 800 BPM



#### PISTON FILLERS

Linear and Rotary  
Configurations  
• For viscous products  
• From 2 to 10 valves



#### NET WEIGHT FILLERS

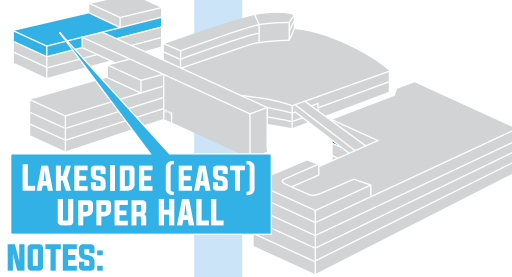
Precision Filling  
• Liquid and semi-viscous  
products  
• Up to 300 BPM



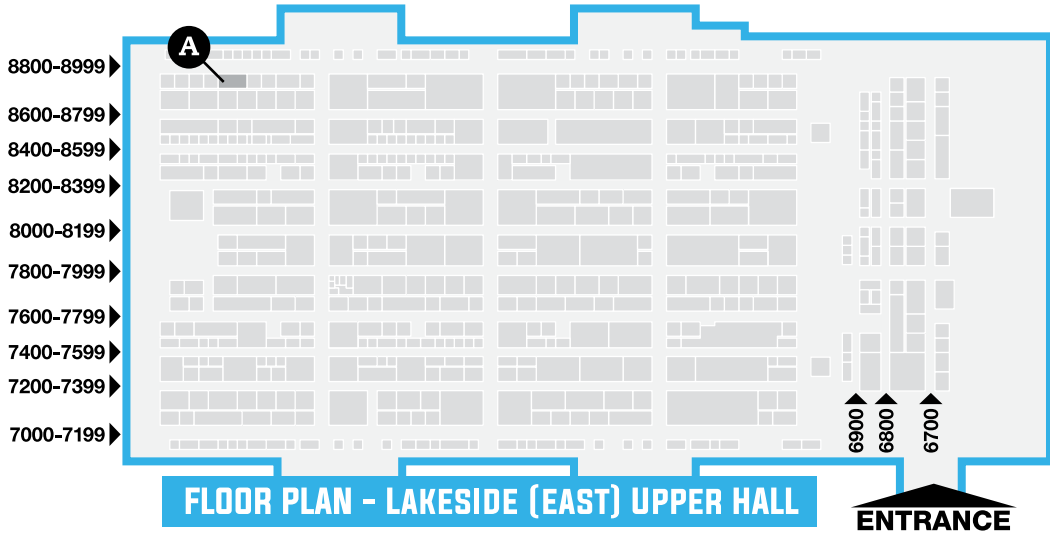
#### PACKAGING LINES

Food Sector Specialists  
• Partial or complete lines  
• Depalletizing thru  
palletizing





NOTES:



**LU-8857**  
Inspect /detect  
/checkweigh  
/x-ray



[yoran-imaging.com](http://yoran-imaging.com)



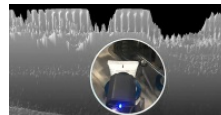
**Thermal Imaging Tech**  
Non-invasive, 100% in-line inspection of production lines to enhance quality control.



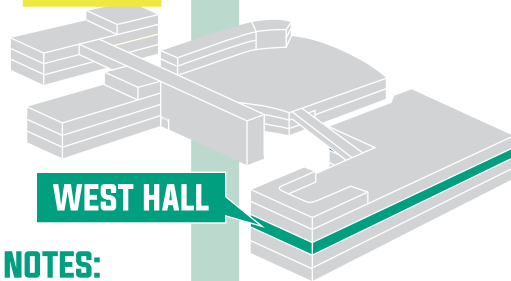
**Real-Time Sealing Data**  
Allows for predictive maintenance, reduced labor costs and less product/material waste.



**Detect Moisture Levels**  
Precise pre-packing moisture assessment to ensure product quality.



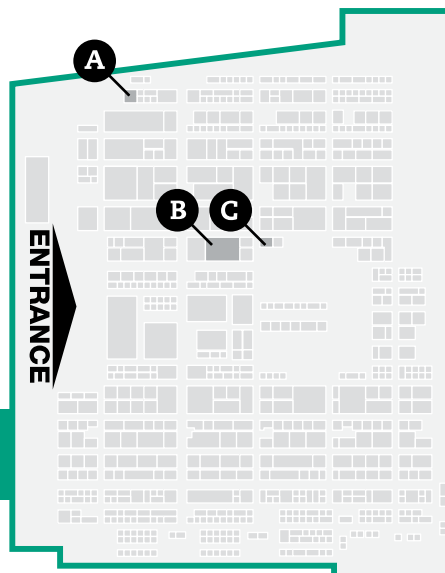
**Inspect Heat Seals**  
Verifies sealing integrity, guarding against defects in packaged products.



**WEST HALL**

**NOTES:**

**FLOOR PLAN - WEST HALL**



- ◀ 13000-13199
- ◀ 14000-14199
- ◀ 15000-15199
- ◀ 16000-16199
- ◀ 17000-17199
- ◀ 18000-18199
- ◀ 19000-19199
- ◀ 19200-19299
- ◀ 20000-20199
- ◀ 20200-20299
- ◀ 21000-21199
- ◀ 22000-22199
- ◀ 23000-23199
- ◀ 24000-24199
- ◀ 25000-25199
- ◀ 26000-26199
- ◀ 27000-27199
- ◀ 28000-28099

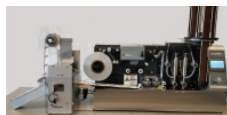


**W-13029**

Filling /capping, liquid & viscous



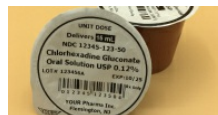
[www.medpak.com](http://www.medpak.com)



**The FD-Pharma®**

**Liquid unit dose cup packaging system**

- FDA-compliant
- Precise liquid dosing



**Consumable Materials**

**Cups and lidding for use with packaging system**

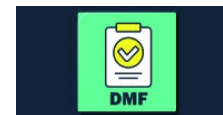
- 7, 15, 25, & 35mL cups
- Variety of colors



**Pak-EDGE® Software**

**Customizable barcode labeling program**

- Barcode design tools
- Serialization capability



**Drug Master File**

**Regulatory and technical support**

- Speed to market
- Trusted partner



**W-18059**

Inspect /detect /checkweigh /x-ray



[www.Wipotec-com.us](http://www.Wipotec-com.us)



**TQS-Cap Control**

**Bottle Cap & Seal Inspection**

- Label Check Inspection
- Fill-level Control



**TQS-Case Labeling**

**Case Packaging Labeling Inspection**

- Printing & Labeling
- Modular System



**TQS-Batch Coding**

**Marking, Verifying, & Weighing**

- Data Matrix & QR Codes
- Codes & Traceability



**SC-E-4000 X-ray**

**X-ray Inspection System**

- Compact Integration
- Foreign Object Detection



**W-18071**

Inspect /detect /checkweigh /x-ray



[www.vmek.com](http://www.vmek.com)



**Vision Inspection**

**High Speed Part Analysis**

- Color and Size
- High Throughput



**Metal Detection**

**Robust and Reliable**

- Belt or Gravity
- Single / Multi Frequency



**Checkweighing**

**Accurate and Affordable**

- Easy to Use
- Various Reject Methods



**Combo Systems**

**Great Value**

- Metal and Weight
- Small footprint





## Industrial Automation

Our product brands:

IMI Norgren

IMI Bimba

IMI Bahr

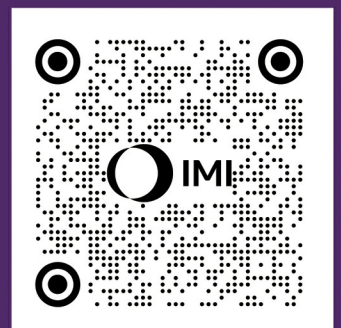


# Come see the future of packaging in action

Visit us at **booth #N-5139**

→ Find out more:  
[imiplc.com/industrial-automation](http://imiplc.com/industrial-automation)

Breakthrough engineering  
for a better world





# R.A Jones introduces Celestion™ MTX

Consistent | Flexible | Reliable

TOPLOAD CARTONING PLATFORM



November 3-6, 2024  
McCormick Place  
Chicago, Illinois USA

Coesia Booth #S-2501

You have come to know R.A Jones for our flexibility, reliability and consistency. With over 100 years of experience in cartoning, we are proud to introduce our new topload cartoning platform, the CELESTION™ MTX TOPLOAD.

Come visit R.A Jones at Coesia Booth #S-2501 and learn more about our new topload cartoning platform benefits!