



September 11–13, 2023  
Las Vegas, Nevada USA



A PERSONALIZED WALKING GUIDE TO THE SHOW FOR

John Smith



SUSTAINABLE  
SOLUTIONS HERE



John Smith  
MARS WRIGLEY  
401 N. Michigan Ave.  
Suite 1700  
CHICAGO, IL 60611

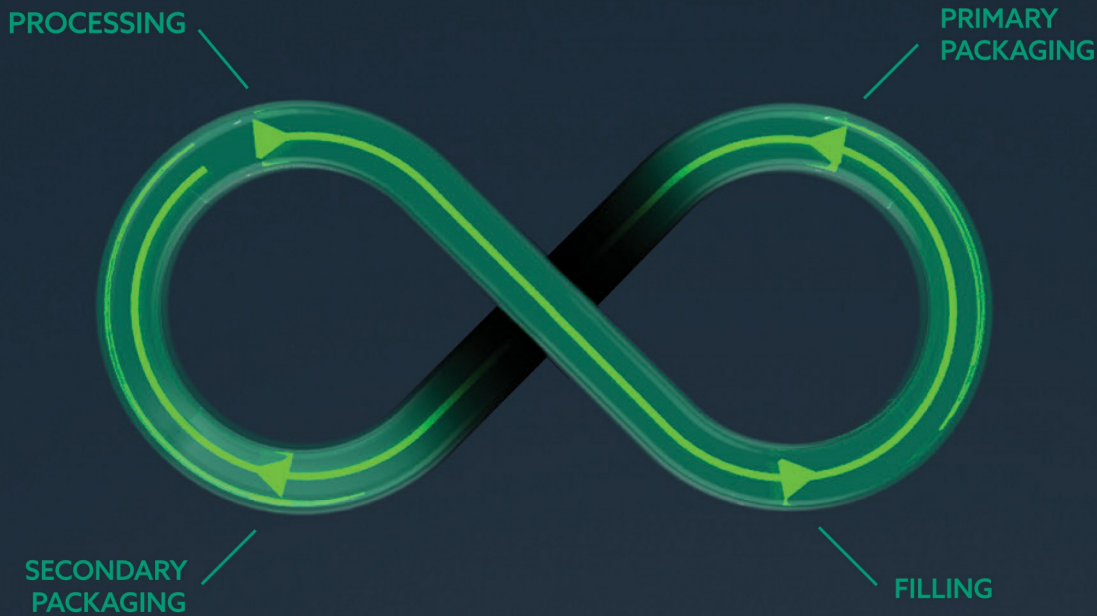
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# One source. Nearly infinite solutions.



## PROMACH = THE FULL PRODUCTION LINE

With a near-limitless array of solutions, ProMach has the expertise and know-how to meet nearly any production line challenge. Truly, a flexible partner that can adapt to your unique needs.

[WWW.PROMACHBUILT.COM](http://WWW.PROMACHBUILT.COM)

PACK EXPO 2023 | BOOTH # C-3222

Scan the QR Code and let us

know how we can help





September 11–13, 2023  
Las Vegas, Nevada USA

# GAME PLAN

## Compiled for John Smith at MARS WRIGLEY

Your personal show goals and interests are reflected in the 192 products and 42 companies featured in this guide.

### CATEGORIES YOU CHOSE:

#### Processing Machinery

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

#### Business Interest

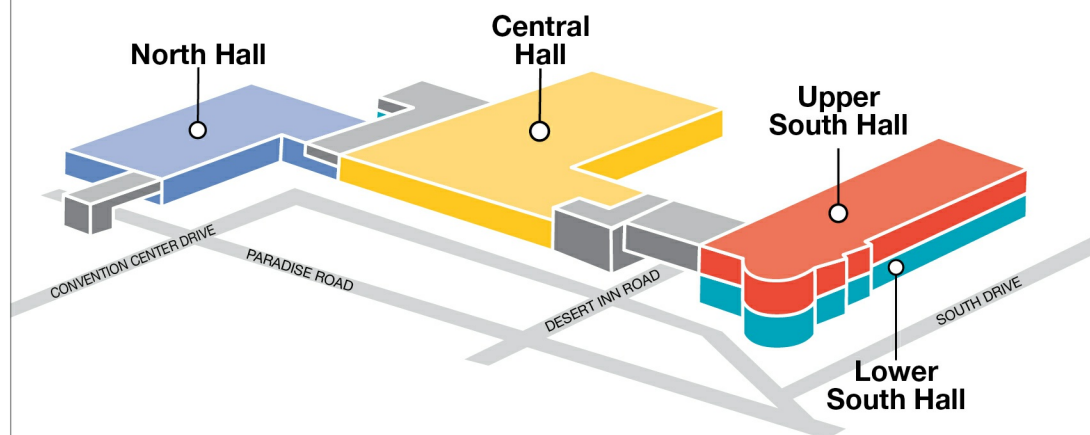
Sustainability

#### Packaging Machinery

Conveying & accumulation

Start planning your PACK EXPO Las Vegas experience with the help of this walking guide customized for you based on your selected categories of interest.

With more than 1,500+ 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.



Las Vegas Convention Center  
Las Vegas, Nevada

Sustainability Stage: Hear from industry experts on a range of packaging sustainability topics and receive actionable advice on how to make your brand more sustainable. Listen in on these sessions located in Sustainability Central, a new, must-see destination aimed to help guide you through a complete understanding on how to achieve packaging sustainability and what the means for your brand.



## MONDAY, SEPTEMBER 11

- 10:00 AM - 10:30 AM** **Global Business Director for Circular & Renewable Solutions**  
Daniella Souza Miranda, Global Business Director for Circular & Renewable Solutions, DOW
- 11:00 AM - 11:30 AM** **Unlocking the Power of Sustainability in Logistics: A Profitable Approach for Corporate Success**  
Oren Zaslansky, Founder & CEO, Flock
- 12:00 PM - 12:30 PM** **Increasing Packaging Efficiency Without Decreasing Quality**  
AJ Piejko Brown, Packaging Design Engineer, Lovevery
- 1:00 PM - 1:30 PM** **Leveraging Sustainable Packaging to Engage Consumers**  
Mikey Pasciuto, Co-Founder, ScrAPP
- 2:00 PM - 2:30 PM** **Injecting Innovation into Sustainable Packaging**  
Dustin Wills, VP of North American Sales, Paperfoam
- 3:00 PM - 3:30 PM** **Thrown Away: One Man's Trash is Another Man's Treasure** *Moderated by Brent Lindberg*  
Dylan Layfield, VP, Material Sales & Recycling, Terracycle  
Tamsin Ettefagh, Chief Sustainability and EVP of Commercial, Purecycle  
Lon Pschigoda, General Manager - WMU Paper Pilot Plants, Western Michigan University  
Steve Lyons, Director, Strategic Environmental Analysis, SCBAcci Consulting Group
- 4:00 PM - 4:30 PM** **Packaging Labels: Chasing the right marks, words, and messages. A discussion with AMERIPEN**  
Dan Felton, Executive Director

## TUESDAY, SEPTEMBER 12

- 10:00 AM - 10:30 AM** **Style that fits: building your packaging wardrobe**  
Brent Lindberg, Founder/Head of Curiosity, Fuseneo
- 11:00 AM - 11:30 AM** **Revealing Value in Plastic Waste**  
Noah Wigington, Sustainability, Coca-Cola
- 12:00 PM - 12:30 PM** **Alternative Sustainable Materials: The Future of Packaging with Cruz Foam and Atlantic Packaging**  
Kyle Pischel, Atlantic Packaging • Toby Corey, Executive Chairman & COO of Cruz Foam, CruzFoam
- 1:00 PM - 1:30 PM** **Revealing Value in Plastic Waste**  
David Katz, Founder and Chairman, Plastic Bank
- 2:00 PM - 2:30 PM** **Tuesday Afternoon Quarterbacks** *Moderated by Brent Lindberg*  
Cory Connors, Director of Sustainable Packaging, Landsberg Portland  
Adam Peek, Senior Vice President Of Sales, Meyers  
Evelio Mattos, Creative Director of Packaging, International Direct Packaging  
Jonathan Quinn, Director of Market Development & Sustainability, Pregis
- 3:00 PM - 3:30 PM** **Innovative materials compete for a winning spot against entrenched incumbents**  
JR Siegel, Senior Director of Product Innovation, Worldly
- 4:00 PM - 4:30 PM** **TBD**  
Cecilia Coates, Global Sustainability - Climate and Water Lead, Colgate

## WEDNESDAY, SEPTEMBER 13

- 10:00 AM - 10:30 AM** **TBD**  
Molly Hladik, Manager, Global Research & Development, Michelman
- 11:00 AM - 11:30 AM** **TBD**  
Mike Prokopeak, Senior Director, Content and Brand Growth, PMMI





## Powering a more sustainable future

[www.amcor.com/pack-expo](http://www.amcor.com/pack-expo)

The most responsible packaging solutions are driven by the best packaging partner. One with data-driven tools to assess materials, and recyclable, reusable and recycled content solutions to help power a circular economy for packaging.



## Specialty Recyclable Coated Paper

[www.cgp-expal.com](http://www.cgp-expal.com)

Step into a greener future with our eco-friendly design featuring our coated paper product range, embracing our sustainable values while ensuring recyclable materials for a safer and sustainable world.



## 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 booth SU-7233



## Innovatively designed earth-friendly packaging

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

From plant-based PLA and Bio-PET food containers, bio-based industrial materials, and custom thermoformed packaging solutions, we are focused on making it easy and affordable for business owners and consumers to shift away from petroleum to better everyday products® that use more renewable materials, less fossil fuel, and no chemicals of concern.



plant-based  
FOOD PACKAGING



## Superior Flexible Packaging & Stretch Films

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

Inteplast Group will debut its new BOPE films designed to replace traditional non-PE outer webs, as well as its low seal initiation temperature sealant webs with enhanced performance properties. Inteplast Engineered Films will present its InteGreen™ family of sustainable films. AmTopp will feature its Pallet Lock® coreless pre-stretch hand film & patented dispenser.



## 2030 Sustainability goal achieved TODAY

<https://www.morrispkg.com>

100% Recyclable - Store Ready Drop Off - Now available with Recycled Content in Stand Up Pouches, Flat Bottoms, Quads, and Rollstock





C-4003

## Where Sustainability Meets Durability

[www.paktech-opi.com](http://www.paktech-opi.com)

PakTech is a global leader in sustainable secondary packaging. Their handles are trusted by big CPG brands, retailers, and small businesses worldwide. With a focus on the circular economy, PakTech's 100% recycled and recyclable handles offer cost-effective solutions for brands committed to sustainability. They also build durable applicators for easy automation.



C-4440

## RESEAL Green: Reduce, Reformat, or Recycle

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

Discover green solutions for convenience features in flexible packaging - from recyclable VerdeSeal, to material reductions with no loss in line efficiency or package integrity, to potential CO2 reductions! Our easy open, resealable systems are innovative, lightweight pressure-sensitive materials & retrofit applicators for your wrapper or bagger.



SU-7270

## Industry Leading Flexible Packaging Solutions

[www.tc.tc/packaging](http://www.tc.tc/packaging)

Showcasing our vieVERTe® line of sustainable flexible packaging. Through dedicated R&D expertise, structure development, and the latest technology, our vieVERTe® line includes recycle ready, compostable, and PCR packaging solutions for multiple markets. We are committed to developing sustainable solutions to support our clients and consumer demands.



SU- 7650

## Sustainable Packaging Solutions by Totai

[www.totai.us](http://www.totai.us)

Totai offers mono-material PE pouches and roll stock film customized with varying levels of barriers to meet specifications required for preservation of the contents. We provide recyclable materials preapproved by the How2Recycle Organization. Totai America, Inc. is a member of PMMI, the Sustainable Packaging Coalition and How2Recycle Organization.



C-2023

## Innovate Boldly. Package Sustainably.™

<https://www.westrock.com/automation>

WestRock is using leading science and technology to innovate boldly and package sustainably. From our broad range of renewable and recyclable paper substrates to our cutting-edge packaging machines, we offer integrated, end-to-end capabilities that help our customers meet their sustainability goals.







**C-1614**

## Sustainable Marking Solutions

[www.domino-printing.com](http://www.domino-printing.com)

From opportunities to reduce waste with coding and labeling solutions powered by automation and vision systems to printers that use vegetable oil-based ink, Domino helps customers on their sustainability journey. Learn about diaper manufacturer Hello Bello's journey towards sustainable manufacturing and packaging at [www.growwithdomino.com](http://www.growwithdomino.com).



**C-5414**

## Sustainable Motion Powers a Greener Future

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

LinMot USA's electric linear motors are a sustainable solution that provide over 95% energy savings and reduce CO2 emissions by 97% compared to pneumatic cylinders. Since they have fewer moving parts compared to air cylinders, maintenance and total cost of ownership are minimized.



**N- 9835**

## Sustainable Solutions for your Brand

[www.earthguard.solutions](http://www.earthguard.solutions)

We created the EarthGuard line to meet customers' sustainability priorities, whether they need a compostable package, recycle-ready, post-consumer recyclable (PCR), and coming soon, a Bio solution. These different options allow customers to pick what best fits where they are on their journey to sustainability.



## Connect and Collaborate Across Every Segment of the Circular Supply Chain

**Packaging Recycling Summit brings together all stakeholders in the sustainable packaging and package recycling marketplace.**

If you're a brand owner, retailer, MRF professional or reprocessor, converter or materials hauler, our conference program is designed for you!

Curated by the editors of *Packaging World*, the leading media brand serving the packaging community for nearly 30 years, the content for this multi-day event will cover topics such as:

- The Economics of Recycling
- Policy and Regulation
- Materials and Design Innovation
- Sortation and Recyclability

For more information and to register, please visit: [PackagingRecyclingSummit.com](http://PackagingRecyclingSummit.com)

PACKAGING  
RECYCLING  
SUMMIT



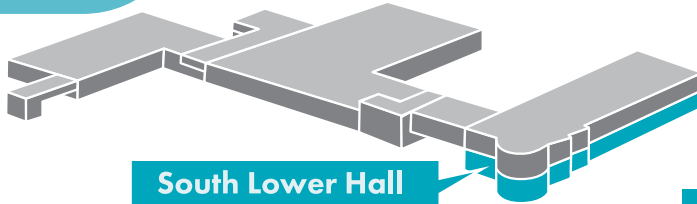
**Register by September 8  
and Save \$400!**

Packaging Recycling Summit  
November 6-8, 2023  
Grand Hyatt Atlanta in Buckhead



**Exclusive  
ad position  
available**

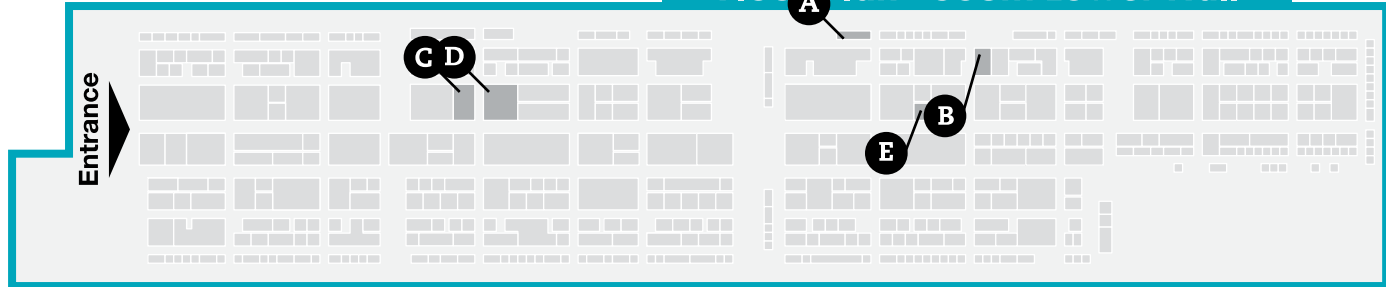




South Lower Hall

## Notes:

## Floor Plan - South Lower Hall



- ◀ 5800-5999
- ◀ 6000-6199
- ◀ 6200-6399
- ◀ 6400-6599
- ◀ 6600-6799
- ◀ 6800-6999



**SL-5843**  
Conveying & accumulation



### TURNKEY SYSTEMS

**Complete Product Conveying**  
• Processing to the Scale  
• Control Systems



### BLENDING SYSTEMS

**Accurate Mixing of Products**  
• Variety of ingredients  
• Complete Systems



### HORIZONTAL MOTION

**True Linear Motion**  
• Micro Scale Feeder  
• Large Capacity



### HIGH-CAPACITY

**Large Loads / Long Lengths**  
• Horizontal Motion  
• Vibratory / Shaker

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



**SL-5963**  
Food processing equipment



### 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!

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



**SL-6122**  
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)



**SL-6125**  
Conveying & accumulation



### Outrunner Spiral

**Incline, Decline & Dwelling**  
• Cooling, Curing & Proofing



### Helical Curve Conveyor

**Incline & Decline**  
• Incline/Decline Simultaneously  
• 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)



**SL-6258**  
Food processing equipment



### R5 Vacuum Pump

**Industry Standard Rotary Vane Vacuum Pump**  
• High pumping speed  
• Easy servicing



### MINK vacuum pump

**Oil-free, Energy Efficient Vacuum Pump**  
• Ideal for conveying  
• Nearly maintenance free



### Central Vacuum System

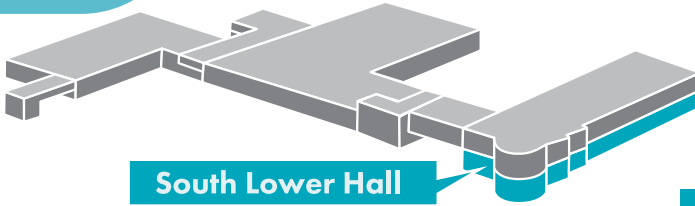
**70% Energy Savings with High Uptime**  
• Demand-driven control  
• Fewer vacuum pumps



### National Service

**Factory Direct Repairs & Overhauls**  
• National Field Service  
• Pump Exchange

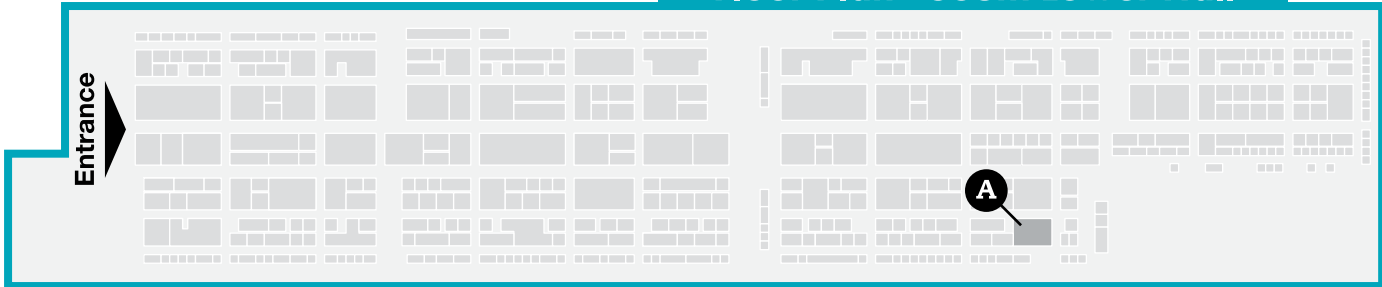
[buschusa.com](http://buschusa.com)



Notes:

South Lower Hall

Floor Plan - South Lower Hall



**SL-6766**

Food processing equipment

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



**Combination Scales**

**Multi-Head Combinations**

- Achievable Speeds of up to 120 BPM



**Form Fill & Seal Baggers**

**Intermittent or Continuous Motion Available**

- Nitrogen Flush Available



**Pouch Machines**

**Automated Pouch Packaging Machine**

- Single Unit or Full Packing Line

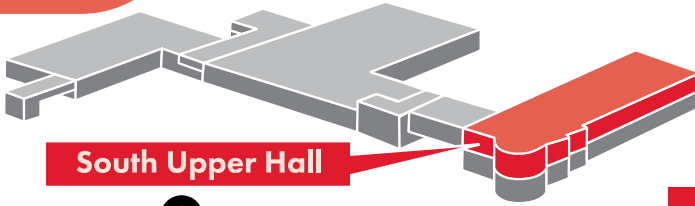


**Check Weighers**

**Programmable Target Weight**

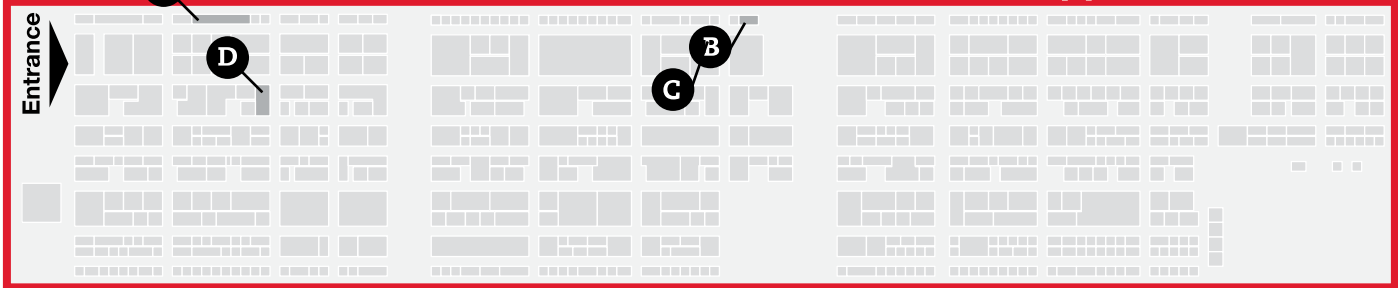
- Pneumatic or Stepper Motor Reject System





## Notes:

## Floor Plan - South Upper Hall



- ◀ 7100-7299
- ◀ 7300-7499
- ◀ 7500-7699
- ◀ 7700-7899
- ◀ 7900-8099
- ◀ 8100-8299
- ◀ 8300-8499



### SU-7113

Conveying & accumulation

ROTZINGER GROUP



#### Top Hygienic Conveyor

**PRODUCT LAUNCH: The ultimate cleaning design**

- Hygienic Conveyor
- Easy belt change



#### Hygienic Conveyor

**PRODUCT LAUNCH: For Dry Cleaning**

- Hygienic Conveyor
- Folding belt supports



#### In-Line Belt Buffer

**Product flow regulation & distribution system**

- In-line Belt Buffer
- For delicate products



#### FIFO Principle

**Accumulation & line efficiency**

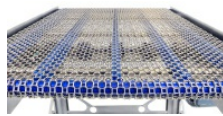
- In-line Belt Buffer
- For any circumstances

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



### SU-7164

Conveying & accumulation



#### Compact-Grid™ belts

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

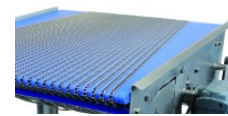
- Robust & clean-in-place
- 10mm & 15mm meshes



#### Eye-Flex® belts

**Heavy-duty metal modular conveyor belts**

- Robust and long lasting
- Limitless configurations



#### Ladder-Flex™ conveyors

**Spreading, conveying & diverging conveyors**

- Custom designed
- Tight transfers, non-slip



#### Versa-Link® belts

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

- USDA-Accepted
- Simple and easy joining

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



### SU-7260

Conveying & accumulation



#### AUTOMATED 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 SYSTEM

**Bulk Bag Load/Unload & Bag Dump Stations**

- Source to Destination
- Ingredient Handling

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



### SU-7260

Dry processing & ingredient handling equipment



#### AUTOMATED 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

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



### SU-7419

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

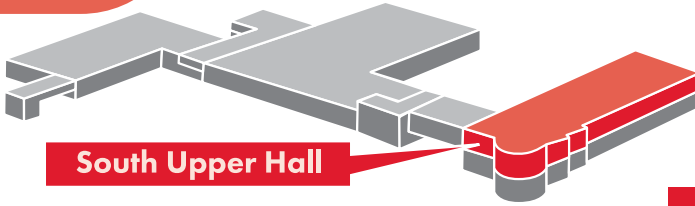


#### DynaCon

**Easily adapts to operational changes**

- Modular Conveyors
- Durable, Reliable

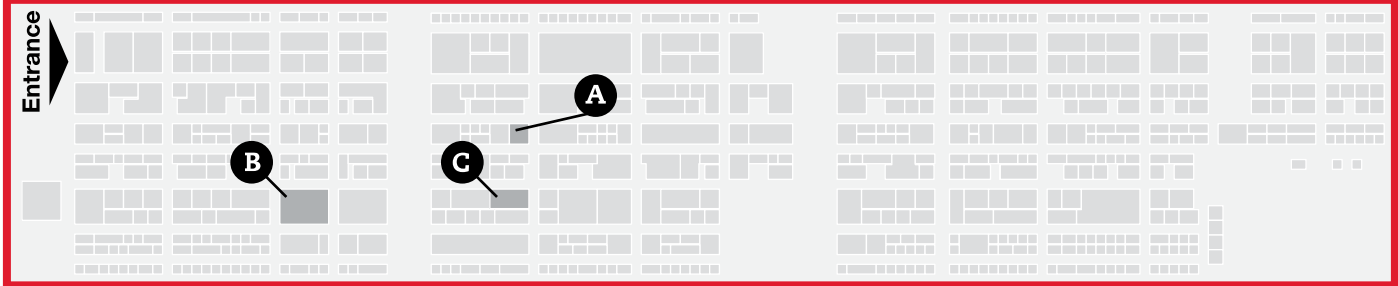
[dynamicconveyor.com](http://dynamicconveyor.com)



**South Upper Hall**

## Notes:

## Floor Plan - South Upper Hall



- ◀ 7100-7299
- ◀ 7300-7499
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- ◀ 8100-8299
- ◀ 8300-8499



### SU-7641

Dry processing & ingredient handling equipment



**ZSK Food Extruder**  
HMMA & TVP Production  
• Hybrid Version Extruder  
• Ideal Extrusion System



**K3 Vibratory Feeder**  
Gentle Material Handling  
• Hygienic Vibratory Feeder  
• Excellent Material Flow



**Conveying Equipment**  
Sanitary Design  
• Receivers, Hoppers, etc.  
• Rotary & Diverter Valves



**ActiFlow**  
Bulk Solid Activator  
• For LIW Feeders  
• Prevents bridge-building

[www.coperion.com/food](http://www.coperion.com/food)



### SU-8025

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



**IntelliDrive™**  
Synchronous Permanent Magnet (PM) Drum Motor  
• Increase Efficiency  
• Increase Motor Lifespan



**SSV Drum Motor**  
Drives Modular Belts Without Using Sprockets  
• Withstands Washdown Pressure up to 3,000 psi

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



### SU-8025

Food processing equipment



**SSV Series Drum Motors**  
One-Component Conveyor Belt Drive  
• 80,000 hours of service life before maintenance



**SSV Profiled Drum Motor**  
Drives Modular Belts Without Using Sprockets  
• Withstands Washdown Pressure up to 3,000 psi



**SSV Profiled Sleeve (XP)**  
Interchangeable Sleeve to Match Conveyor Belt  
• Drives various belts with the same drum motor



**IntelliDrive™**  
Synchronous Permanent Magnet (PM) Drum Motor  
• Increase Efficiency  
• Increase Motor Lifespan

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



### SU-8039

Dry processing & ingredient handling equipment



**MechaTron 3-A Feeder**  
Screw feeder for food and dairy applications  
• Bulk solids feeder  
• Stainless steel design



**Kemutec Kek Sifter**  
Removes unwanted materials  
• High capacity sieving  
• Easy screen removal



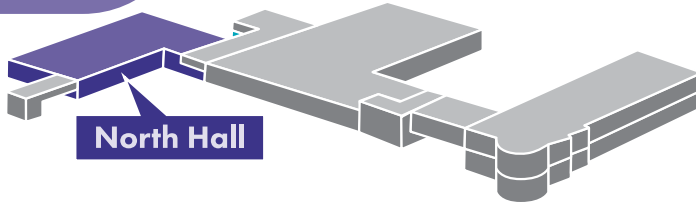
**Dense Phase Conveying**  
Conveying system for fragile materials  
• Low operational costs  
• Conveys in slug form



**ServoForm Depositor**  
Produces candies, jellies, toffees, and lollipops  
• Multi colors  
• Superior appearance

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

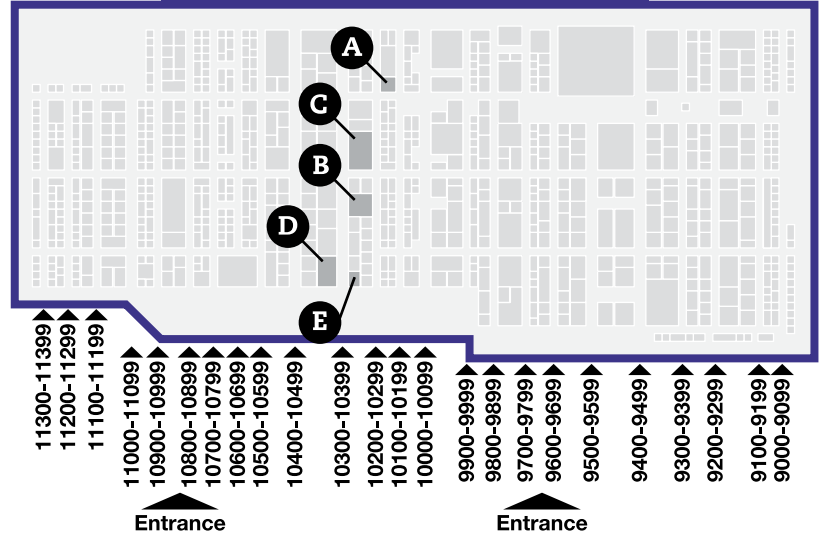




North Hall

## Notes:

## Floor Plan - North Hall



Entrance

Entrance

A

### N-10161

Liquid processing & handling equipment

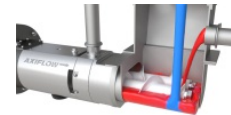
AXIFLOW TECHNOLOGIES, INC.



#### STS(C) Models

##### Twin Screw Pump

- Low Shear Product Transfer
- 2 in 1 Product Transfer



#### Axiflow AxiAuger Pump

##### AxiAuger Pump

- High Viscosity Product Pumping
- Solids and Particulate



#### Axiflow 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

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

B

### N-10227

Food processing equipment

PROVISUR TECHNOLOGIES



#### Hoegger® X-Press

This press offers intelligent force control and 3D pressing that gently forms products to maximize yield.



#### CashinSX Bacon Slicer

Slice at high speeds with exceptional weight control, consistent slice thickness, and unsurpassed yields.



#### Formax® SX330 Slicer

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



#### Formax® SX380 Slicer

This slicer combines superior performance, hygienic design, and flexibility for a wide range of products.

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

C

### N-10241

Food processing equipment

URSHEL The World Leader in Food Cutting Technology



#### M VersaPro® Dicer

##### Next Generation Protein Powerhouse

- Dicer/Shredder
- Versatile Processing



#### E TranSlicer® Cutter

##### New Conveyor Discharge

- Slicer
- Convenient Discharge



#### Affinity® Dicer

##### Affinity Dicer with Log Precutter

- Dicer
- All-in-one Solution



#### DiversaCut® 2110A Dicer

##### Discharge Conveyor Option

- Dicer
- Convenient Discharge

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

D

### N-10311

Food processing equipment

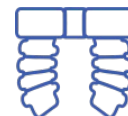
SOFT ROBOTICS



#### The mGripAI Solution

##### High-Speed Food Processing Solution

- Bulk picking
- Speeds up to 90PPM



#### Hand

##### The Hand of the mGripAI Solution

- Soft grasping
- IP69K food-grade



#### Eyes

##### The Eyes of the mGripAI Solution

- 3D vision
- Product segmentation



#### Brain

##### The Brain of the mGripAI Solution

- Artificial intelligence
- SKU classification

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

E

### N-10314

Liquid processing & handling equipment

FRISTAM PUMPS® Engineered For Lasting Performance®



#### FCM Series Colloid Mixer

##### Faster, Easier Emulsions

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



#### FDS Series Pump

##### Twin Screw Pump

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



#### FKL Series Pump

##### Heavy-Duty PD Pump

- CIP and COP Models
- Rated to 500 PSI, shafts guaranteed for life

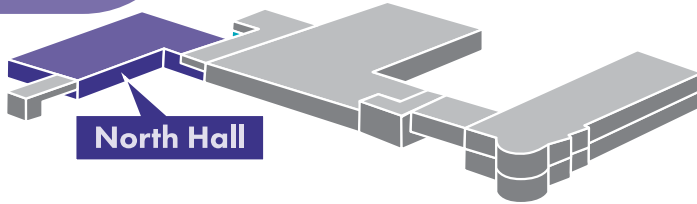


#### FS Shear Blender

##### Fix Your Mix Easily

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

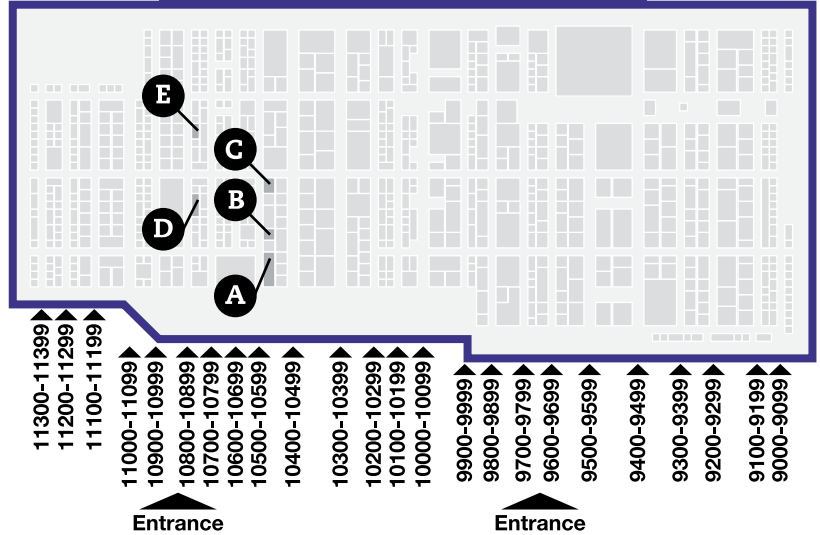
[www.fristam.com/usa](http://www.fristam.com/usa)



**North Hall**

## Notes:

## Floor Plan - North Hall



**A**

**N-10514**  
Food processing equipment

**Mepaco**  
RELIABLE BY DESIGN



### Cookers - ThermaBlend

**Versatile Cooking**

- ThermaBlend
- Large scale batch operations



### Mixers - Blenders

**Mixing and Buffering**

- Mixer, Mixer-Blender
- Customize batch operations



### Dumpers

**Configurations Solve for Application**

- Dumpers
- Solve food safety



### Pump Feeders

**Pumping to Solve Transfer Automation**

- Pump Feeder
- Continuous metering

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

**B**

**N-10520**  
Liquid processing & handling equipment

**MP & C**



### Membrane Filtration

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

- Separation/Concentration
- Reclaim Process Water



### Process Systems

**CIP, Valve Array, Batch Blending Systems**

- Process Engineering
- Pasteurization, HTST



### Sanitary Process Tanks

**1 to 60,000 Gallon Single Wall or Jacketed**

- Insulated and Cladded
- ASME and 3A



### Control & Automation

**Complete UL508A Panel Design & Construction**

- Process interface
- Plant integration

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

**C**

**N-10530**  
Liquid processing & handling equipment



### Titan Tanks

**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

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

**D**

**N-10820**  
Food processing equipment



### ProTherm

**A continuous fryer that requires 2/3 less oil.**

- Thermal Fryer
- Further Processing



### SuperFlex

**Four functions in one breader machine.**

- Preduster/Breader
- Further Processing



### BatterPro

**All-in-one: mix, chill, viscosity, apply batter.**

- Batter/Tempura
- Further Processing



### VersaCoat

**When superior flatbed breading is all you need!**

- Predust/Coater
- Further Processing

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

**E**

**N-10840**  
Liquid processing & handling equipment



### Continuous Level

**Easy To Program**

- Wide Media Range
- IO-Link Dual Channel



### Pressure Sensors

**Wide Pressure Ranges**

- For Harsh Environment
- IO-Link Dual Channel



### Temperature Sensors

**Integrated Transmitter**

- Fast Response
- IO-Link Dual Channel

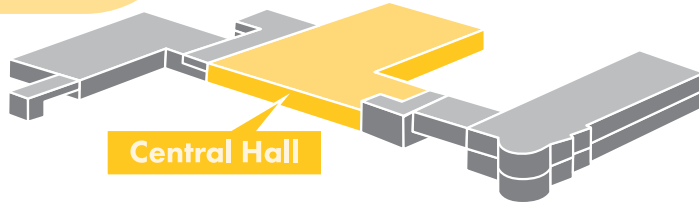


### Multicode Reader

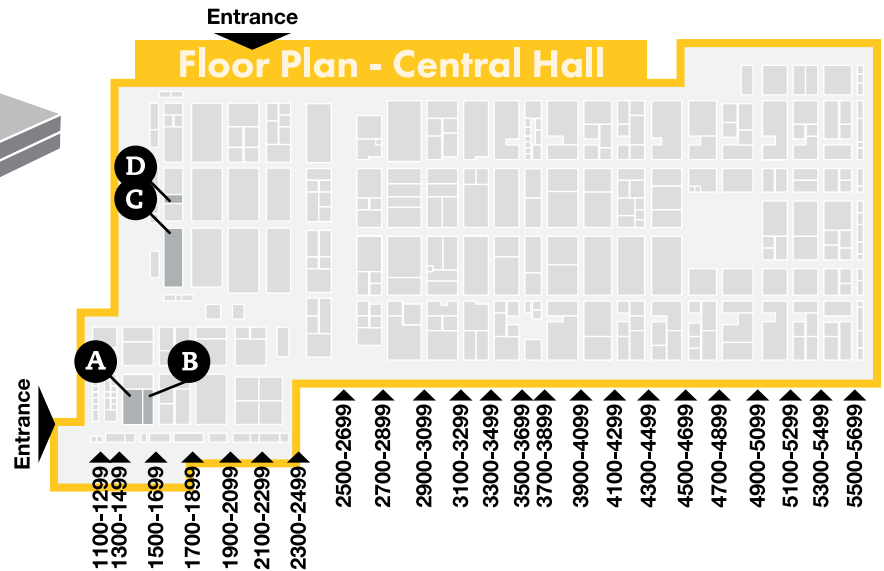
**Easy Setup**

- 40 frames per second
- Several 1D/2D codes

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



## Notes:



### G-1455

Conveying & accumulation



**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

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



### G-1555

Conveying & accumulation



**Infinity Accumulator**  
The Infinity Accumulator uses patented designs to accumulate and single-file even the most unstable of products.



**Bi-Flo Accumulator**  
By utilizing opposing conveyor movement, the Bi-Flo creates a buffer for product accumulation in a compact footprint.



**Infinity Rx Accumulator**  
The Infinity Rx is designed to handle products such as vials, which are too small for standard accumulators.



**Automatic Vial Dryer**  
This revolutionary system dries vials of all sizes in minutes, far surpassing the industry standard.

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



### G-1623

Conveying & accumulation



**FastBack® SwitchBack™**  
A Compact, Trouble-free Accumulation Buffer

- Gentle product handling
- Wet/dry environments



**FastBack® 4.0**  
Gentle Horizontal Motion Conveying

- 70% fewer moving parts
- Highest travel rates



**FastBack® Fastlane**  
Effective Singulation Increases Production

- Slicer infeed conveyor
- More slices, less scrap



**Incline Conveyor**  
Move Products Where You Need Them

- Modular design
- Multiple configurations

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



### G-1623

Food processing equipment



**AirFry System**  
Industrial 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



**OilSaver Filtration**  
Maintain Oil Quality and Product Freshness

- Pressure-less filtration
- Down to 10 microns

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



### C-1718

Conveying & accumulation



**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

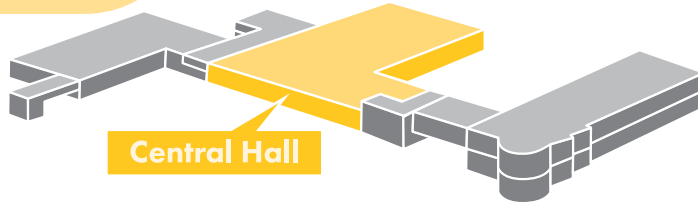


**OEM Partners = OEE**  
Our experts make sure your systems "talk."

- Electrical excellence
- Unsurpassed engineers

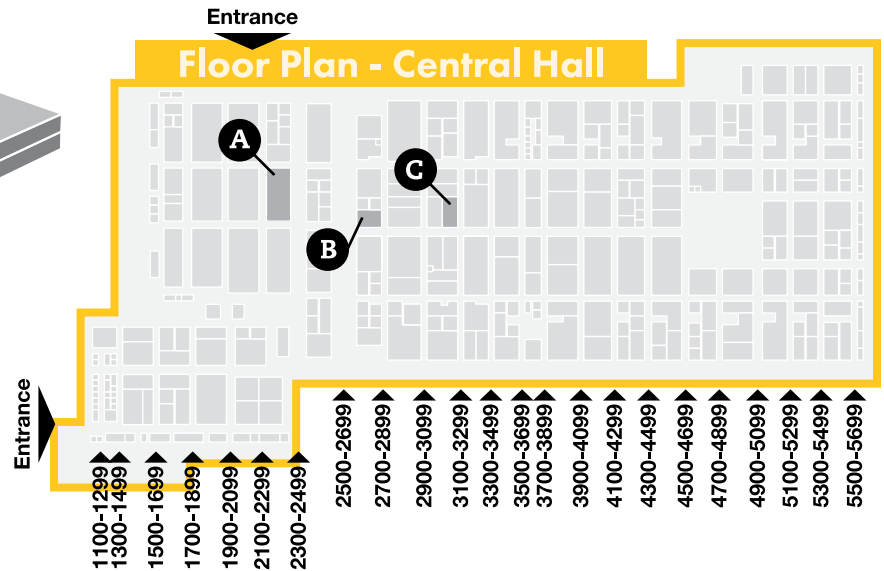
[www.multi-conveyor.com](http://www.multi-conveyor.com)





Central Hall

## Notes:



### C-2214

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



#### Low Profile Belt Conveyor

3-4 Week Delivery

- Low Maintenance
- Configuration Flexibility



#### Re-flow Accumulator

Optimum Product Throughput

- Small Footprint
- Minimize Downtime

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



### C-2214

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



#### Rotary Accumulator

10 Business Day Delivery

- Available in 48"
- Seamless Integration



#### Sanitary Z Incline

Keep It Clean

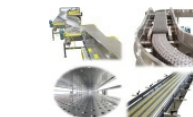
- Easy to Clean
- Food Safe

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



### C-2622

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 systems and diverters

- Quick shifting
- Accurate alignment



#### Gaylord / Tote Dumpers

Heavy duty hydraulic system, powered infeed

- Pneumatic side panels
- Operator friendly

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



### C-2622

Conveying & accumulation



#### 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

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



### G-3122

Liquid processing & handling equipment



#### 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

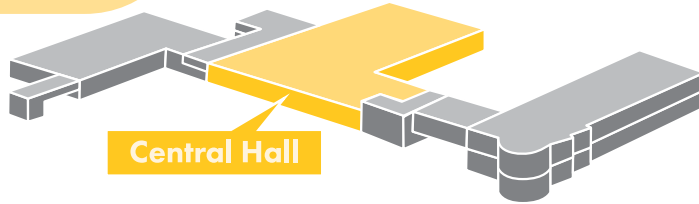


#### Innovative Systems

Deoxygenation System for beverage blending

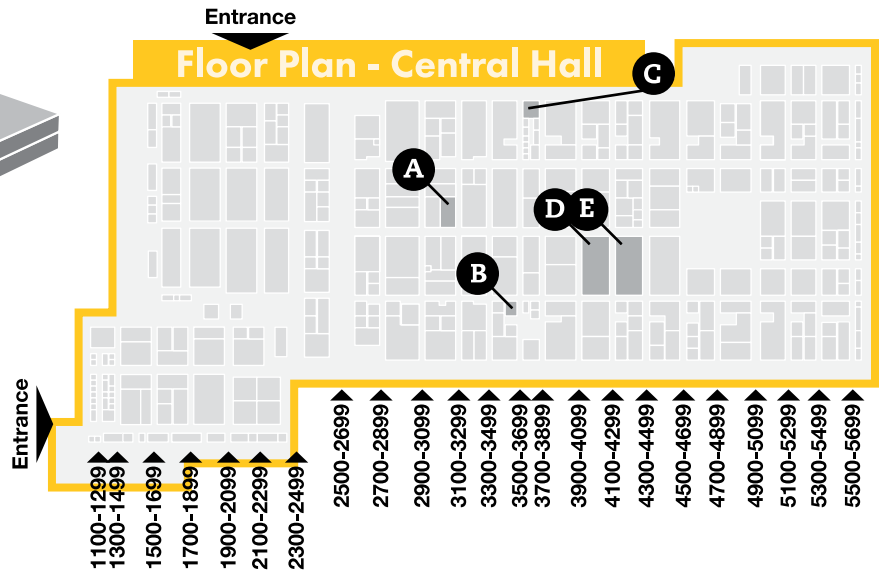
- Reduce carbon footprint
- Use less-costly Nitrogen

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



Central Hall

## Notes:



A

### G-3122

Food processing equipment

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

STATCO-DSI



#### Therna-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 in to a liquid stream



#### Statco-DSI Case Packer

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

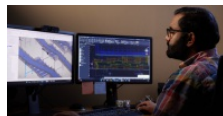
- Packing milk/juice bottles in to dairy crates

B

### G-3536

Conveying & accumulation

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



#### Engineering Services

Mechanical & Electrical

- Engineering Teams
- Layout Design & Optimization



#### Fabrication

Conveyor Systems

- Custom Machinery & Equipment



#### Installation Services

In-house Traveling Millwrights

- Rigging and Machine Setting



#### Turn-key Packaging Lines

In-house Execution from Concept to Final Commissioning

C

### G-3600

Food processing equipment

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



#### MSTs-1012 & 1418

Shuttle Food Tray Sealer

- 2-4 CPM
- Easy to use & affordable



#### MRTs/MAP-1418

Rotary Food Tray Sealer

- 1-6 CPM
- Manual rotary increases production



#### AITS-1216 & 1220

Inline Food Tray Sealer

- Up to 15 CPM
- Automatic inline maximizes production



#### AITS/MAP-1220

Inline Tray Sealer

- Up to 15 CPM
- Fully automatic with options

D

### G-4025

Conveying & 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

E

### G-4225

Conveying & accumulation

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



#### Flextrac Series Conveyor

Versatile Modular Plastic Chain Conveyor

- Infinite configurations
- Curves & elevations



#### CB40 Conveyor

Curved Belt to Maintain Product Orientation

- 90° turns in a low profile
- Quiet and efficient



#### AS40 Conveyor

Single-Piece Aluminum Frame Belt Conveyor

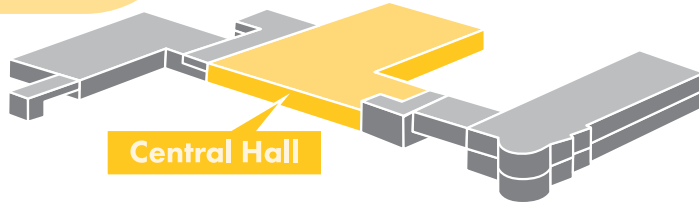
- Versatile & user-friendly
- Crowned pulleys



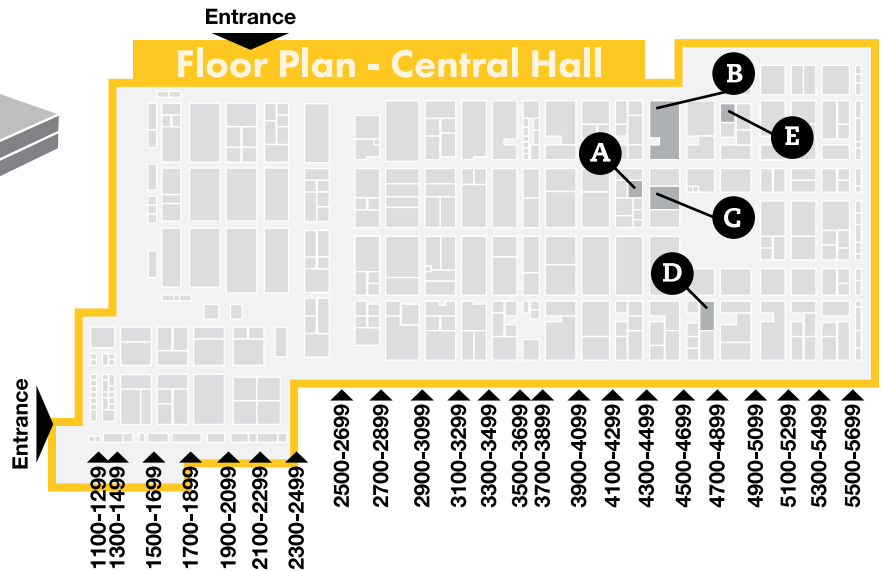
#### HydroClean Series

Easy-to-Clean Stainless Steel Sanitary Conveyor

- Pull-pin disassembly
- NSF Certified



## Notes:



A

### C-4316

Conveying & accumulation

**Forpak**



#### 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)

B

### C-4400

Conveying & accumulation

**FLEXLINK**  
a coesla company



#### BRIXX

Robotic Picking System

- Pick-and-Place
- Mixing, labeling



#### RC 12

Collaborative Robot

- Palletizing Robot
- Payloads up to 10kg



#### WLX

Stainless Steel Modular Wide Belt Conveyors

- Hygienic
- Safe and easy to clean



#### Compact Spiral

Increase Floor Space

- X85 aluminum conveyor
- Multiple Configurations

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

C

### C-4416

Conveying & accumulation

**HARTNESS**



#### 6930 DYNAC

First in, first out, high-speed accumulation

- Vast product flexibility
- Small footprint



#### 6400 DYNAC

Transversal space limitations?

- Vertical FIFO
- Zero pressure



#### 6900 DYNAC

Tall or top-heavy products?

- High-speed, FIFO
- Minimal footprint



#### 7100 DYNAC Series

Horizontal mass product flow accumulation

- Bottles or cans
- Custom configurations

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

D

### C-4736

Conveying & accumulation

**RYSON**  
ROYAL APOLLO GROUP



#### 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.

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

E

### C-4800

Conveying & accumulation

**PPM**



#### SD Conveyor Systems

Horizontal-motion conveyors

- Modular designs
- Lengths from 6 to 90 feet



#### Libra Mass-Flow

Loss-in-weight vibratory conveyor system

- Precise feeding & blending applications



#### Bucket Elevators

Stainless-steel bucket elevator systems

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



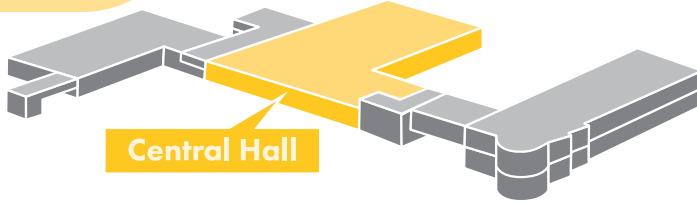
#### Bin & Tote Dumpers

Bin, crate and tote handling systems

- Lift & Tip systems
- Gentle discharge options

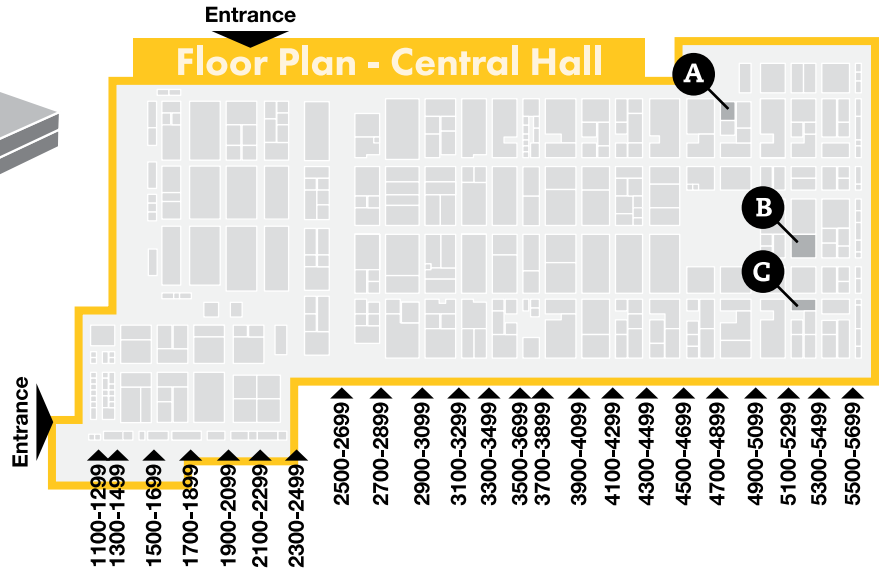
[ppmtech.com/](http://ppmtech.com/)





**Central Hall**

## Notes:



**A**

### C-4800

Food processing equipment

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

**PPM**



#### Continuous Fryers

##### Industrial Oil Frying Systems

- Custom lengths, widths, belts & heating systems



#### FlavorWright All-in-One

##### OMS Seasoning System

- Applies powders & oils
- Small footprint, caster mounted



#### Roto-cook Snack Fryer

##### Continuous Oil Fryer

- Compact, energy-efficient
- Gas or electric heating



#### Flavor Coating Systems

##### Two-stage Seasoning & Coating Systems

- Powders, oils & slurry
- Plastic or SS drums

**B**

### C-5224

Food processing equipment

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

**tna**  
food processing & packaging solutions



#### tna intelli-flav® OMS 5.1

##### Consistent coverage and flavor

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



#### tna roflo® HM 3 conveyor

##### Fast and gentle distribution

- Distribution conveyor
- up to 49.2ft/min



#### tna robag® 3e

##### Up to 5% increase in uptime

- VFFS
- up to 250 bags/min



#### virtual factory

##### Efficient commissioning and installation

- Extended reality (XR)

**C**

### C-5238

Conveying & accumulation

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

**AmbaFlex**  
SCIENCE IN SPIRALS



#### AccuVeyor AVh

##### Dynamic FIFO Accumulator

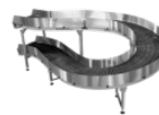
- FIFO
- No product contact



#### SpiralVeyor Portal

##### Create access throughout your facility

- 2 Spiral Conveyors
- One continuous belt



#### AmbaVeyor

##### Modular conveyor system

- One drive
- High load capacity

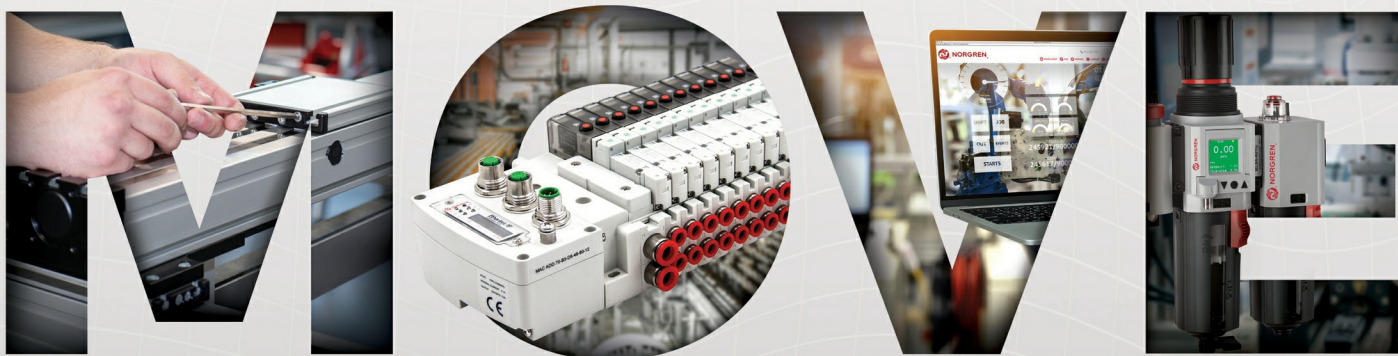


#### SpiralVeyor Bottlelift

##### Single file handling

- Spiral Conveyor
- Narrow belt

# MAKE THE SMART



## Come see the future of packaging in action

Visit us at our Pack Expo booth **#SL-6227**



Find out more  
[norgrenpackexpo.com](http://norgrenpackexpo.com)

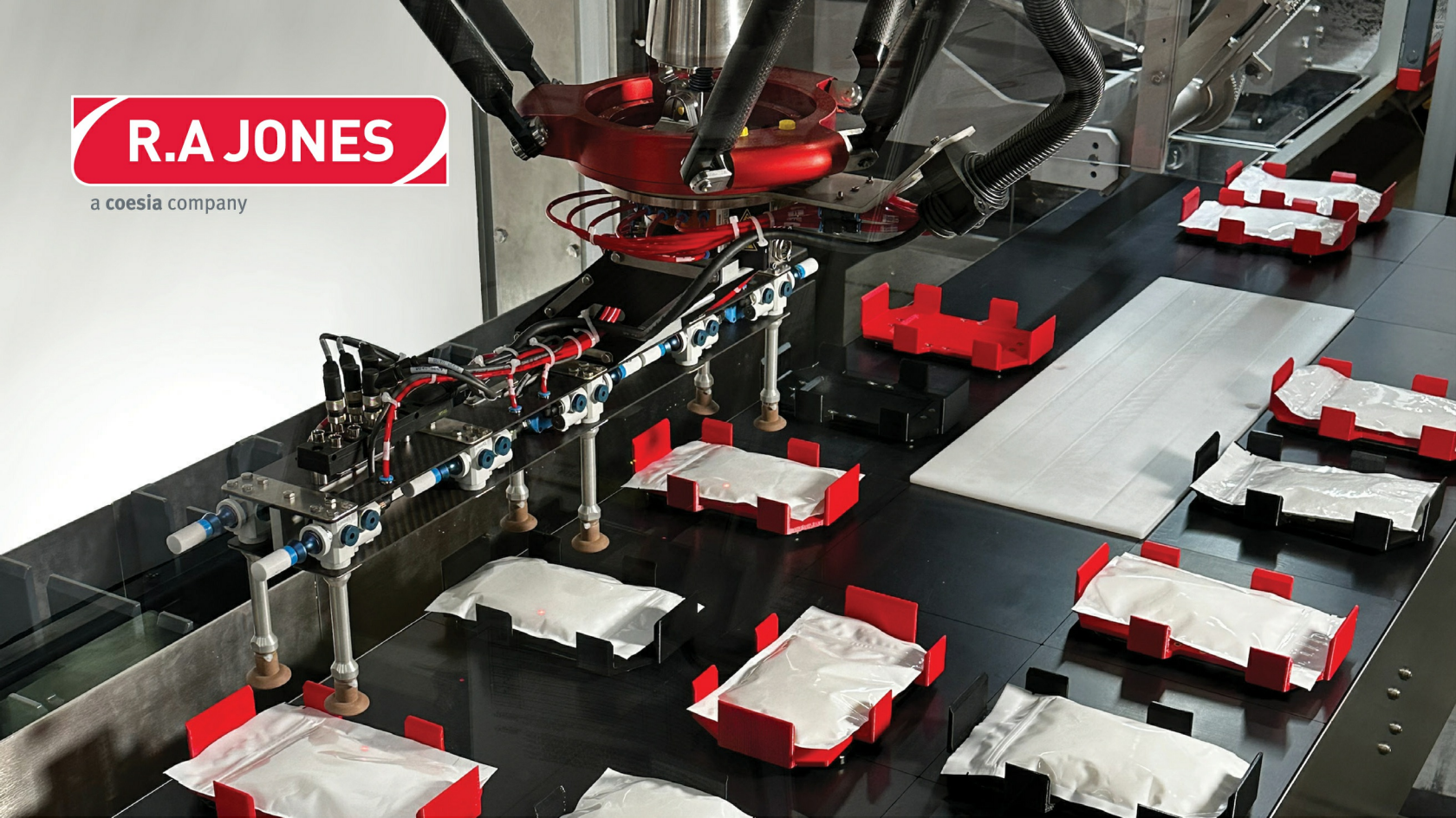






**R.A JONES**

a coesia company



# IFTs

## DEBUTS IN NORTH AMERICA

&

## INTEGRATED WITH NEW CARTONING TECHNOLOGY

A FIRST OF ITS KIND

### **Intelligent Flexible Transfer System**

- Six dimensional floating shuttle transfers
- Product can be collected, grouped, oriented, and layered for downstream packaging
- Increase range of product sizes with four axis robotic pick and place technology
- Fraction of the footprint compared to traditional transfer solutions



SCAN HERE AND ADD R.A JONES  
TO YOUR SHOW PLANNER

INTERMITTENT MOTION CARTONING

### **Criterion CLI-100**

- Push button changeovers with Acc-U-Change PLUS technology
- Flexible magazine and carton feed features to run paperboard or corrugated cartons

**CENTRAL HALL | C-4400**