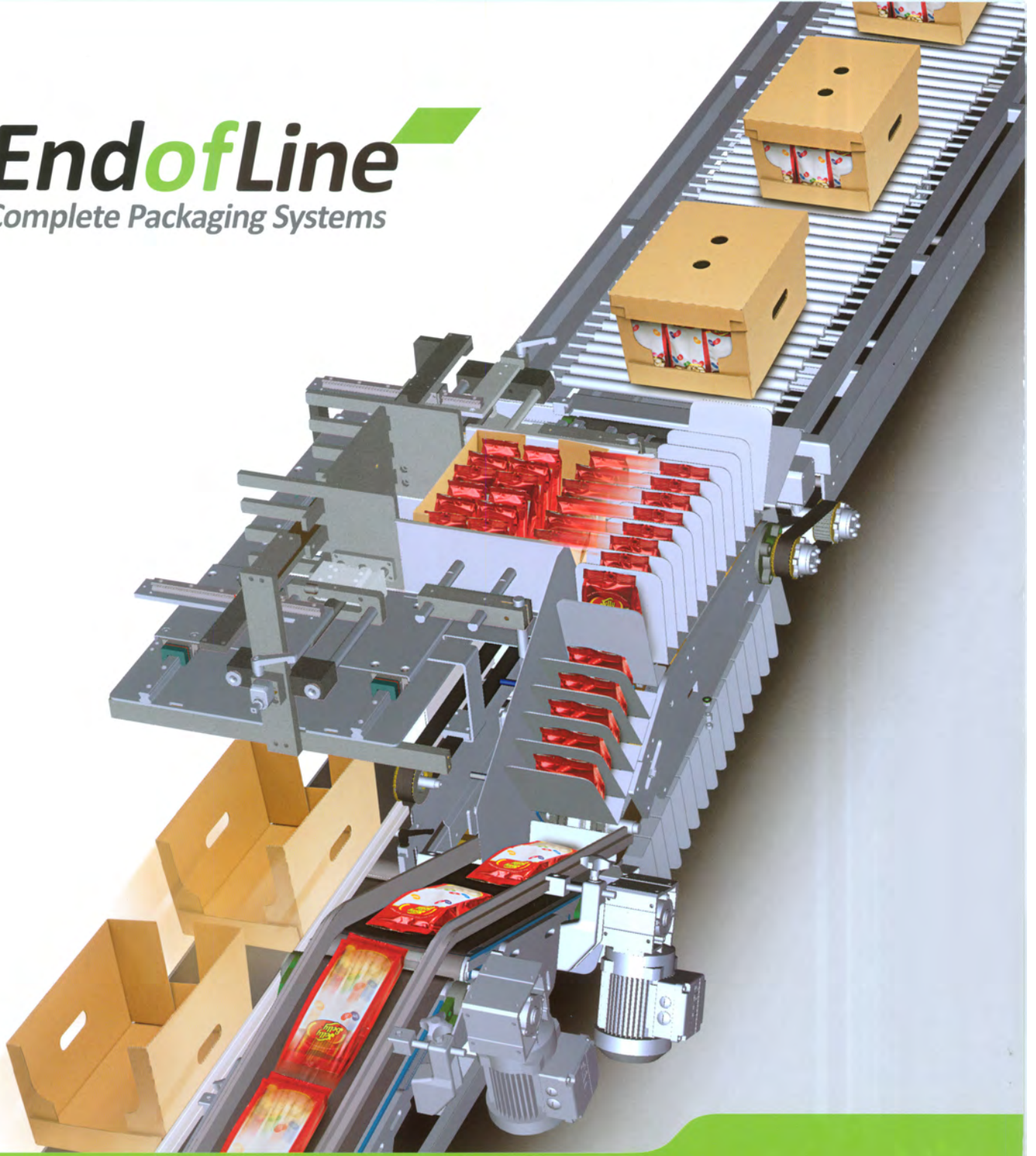


EndofLine

Complete Packaging Systems



 **Radpak**

High Speed continuous motion VFF&S Stabilo Bagger

Continuous motion multi-servo VFF&S Stabilo Bagger with a special design of patented discharge servo rotor to form flat square bottom of stabilo bags. Customs design bagger incorporating 2 rotary printers and label applicator for stabilo, stand-up and pillow bags.



EndofLine[™]

Complete Packaging Systems

Radpak provides Integration Services for a wide range of equipment such as:

dozers, form/fill/seal, cartoners, case packers, tray formers, coding and vision inspection etc. Integrating commercial control systems such as Allen-Bradley and Siemens PLCs.

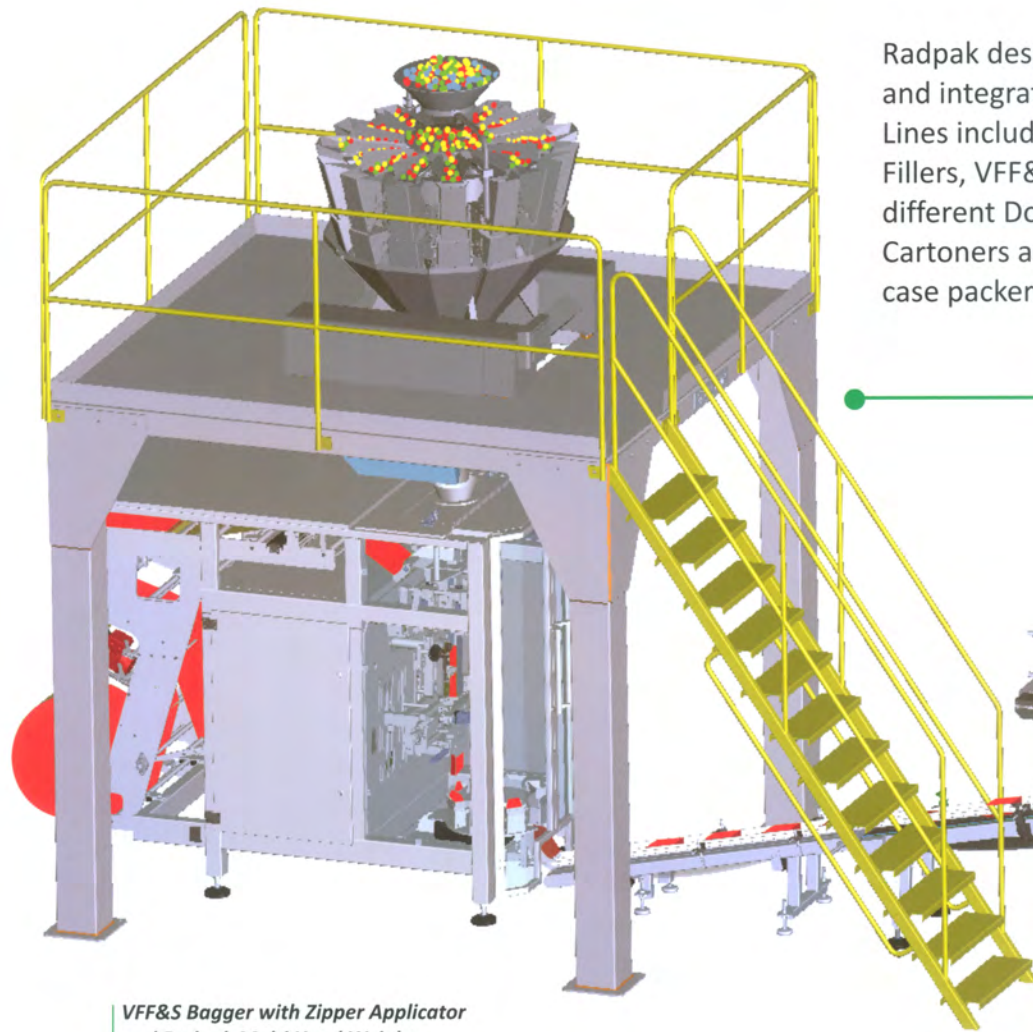


GLOBAL TECHNOLOGIES FOR ALL YOUR PACKAGING NEEDS

1712 Northgate Boulevard • Sarasota, Florida 34234, USA

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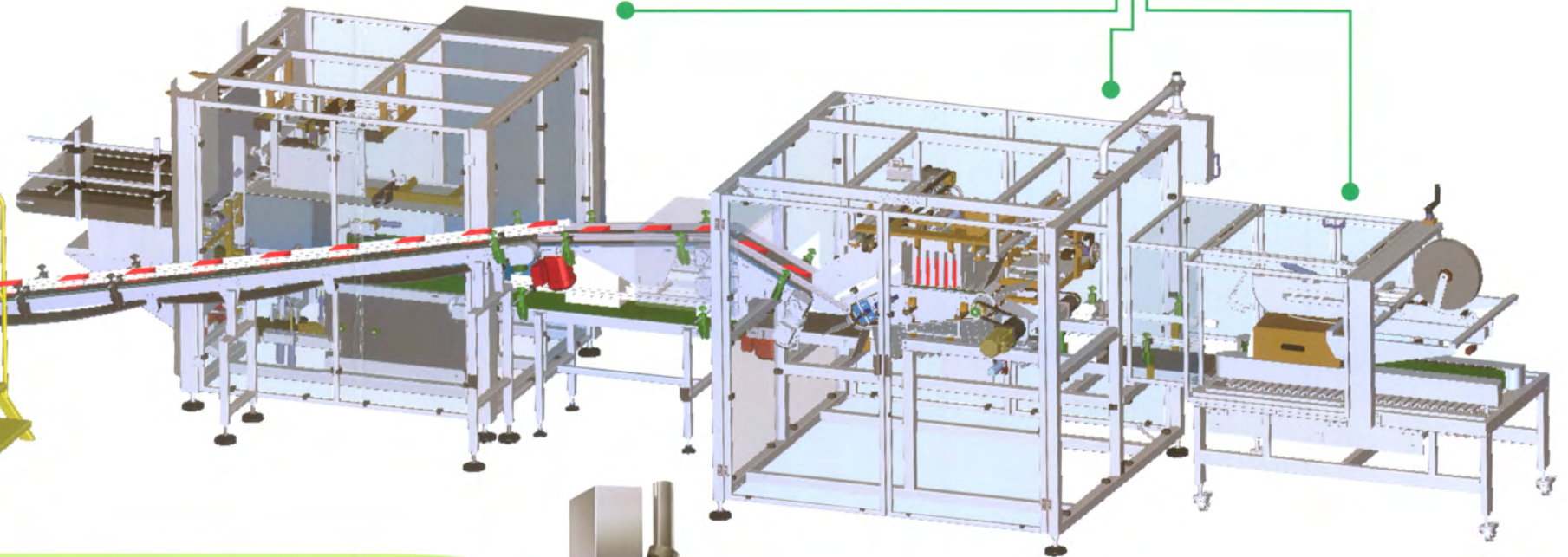




VFF&S Bagger with Zipper Applicator and Radpak Multi Head Weigher.

Radpak designs, manufactures and integrates Complete Packaging Lines including Horizontal Pouch Fillers, VFF&S Baggers with many different Dozers, Wrappers, Cartoners and **EndofLine** case packers.

We offer Distributed process Control Systems(DCS) which provide compact monitoring systems and production management.



Sloped VFF&S Bagger for fragile products.



VFF&S Bagger with servo Auger Dozer.



Complete line for brick formed bags for easy reseal-ability.





COMPLETE PACKAGING SYSTEMS

Advanced packaging systems



History

RADPAK WAS FOUNDED BY TAD RADZANOWSKI IN 1991 IN WLOCLAWEK AN INDUSTRIAL CITY LOCATED IN THE CENTER OF POLAND.

THE COMPANY HAS BEEN FOCUSED ON DEVELOPING COMPLETE PACKAGING LINES INCLUDING VFF&S BAGGERS, DOSSERS, CARTONERS, TRAY FORMERS, CASE ERECTORS, SEALERS, AND END OF LINE CASE PACKERS.



History

RADPAK'S OWN PRODUCTION FACILITY ENABLED UNHINDERED DEVELOPMENT FOR DESIGN, PRODUCTION, MARKETING, SALES AND SERVICE. RADPAK IS A THRIVING COMPANY WITH MORE THAN 100 EMPLOYEES, INCLUDING SPECIALISTS FROM MANY DISCIPLINES.

RADPAK'S STRATEGY IS TO PROVIDE TURN KEY COMPLETE PACKAGING LINES.



International Events

SINCE RADPAK WAS FOUNDED, WE HAVE PRESENTED OUR PACKAGING EQUIPMENT IN NUMEROUS LOCAL AND INTERNATIONAL EVENTS. RADPAK HAS PARTICIPATED IN TRADE FAIRS, INCLUDING: PACK EXPO – CHICAGO & LAS VEGAS, TAROPAK - POZNAN , INTERPACK - DÜSSELDORF , EMBAX – CZECH REPUBLIC, PROSWEETS – COLOGNE, ANUGA FOODTEC - COLOGNE , POLAGRA TECH - POZNAN, FACHPACK - NUREMBERG

OUR GOAL IS TO PROVIDE TURN KEY COMPLETE PACKAGING LINES. CONTINUAL PRODUCT RESEARCH AND DEVELOPMENT IS OUR PRIORITY. RADPAK OFFERS CONSUMERS THE HIGHEST QUALITY MACHINERY IN THE AUTOMATED PACKAGING MARKET. .





RADPAK OFFERS

VERTICAL FORM FILL AND SEAL BAGGERS

RADPAK VERTICAL PACKAGING MACHINES ARE DESIGNED FOR PACKING BOTH FOOD AND NON-FOOD PRODUCTS.

WE OFFER VARIOUS TYPES OF VERTICAL MACHINES, DEPENDING ON PERFORMANCE, SIZE AND TYPES OF BAGS.

THE MACHINES ARE FULLY AUTOMATIC. FROM A ROLL OF FILM ,THE BAG IS FORMED AND PRODUCT IS PLACED INTO THE BAG, WHICH IS SEALED AND SEPARATED.

VERTICAL PACKAGING MACHINE CAN PACK PRODUCTS IN THESE BAG TYPES: BRICK BAGS, DOYPACKS, CARRY FRESH BAGS, QUAD SEAL BAGS ETC.

MACHINES CAN WORK IN TWO MODES - INTERMITTENT MOTION FOR LOWER SPEEDS OR CONTINUOUS MOTION FOR HIGH PERFORMANCE.



VERTICAL FORM FILL AND SEAL MACHINE - SPICES



VERTICAL FORM FILL AND SEAL MACHINE - SPINACH



VERTICAL FORM FILL AND SEAL MACHINE - SWEETS



VERTICAL FORM FILL AND SEAL MACHINE – FRESH VEGETABLES



VERTICAL FORM FILL AND SEAL MACHINE – WASHING POWDER





VERTICAL FORM FILL AND SEAL MACHINE WITH CUP FILLER (BRICK BAGS) - SALT



VERTICAL FORM FILL AND SEAL MACHINE WITH MULTIHEAD COMBI WEIGHER AND
VACUUM SUPPLY SYSTEM FROM PIAB – FLAKES
(DOYPACK BAG WITH ZIPPER)



VERTICAL FORM FILL AND SEAL MACHINE WITH BUCKET FEEDING CONVEYOR AND MULTIHEAD COMBI WEIGHER- SNACKS



VERTICAL FORM FILL AND SEAL MACHINE WITH LINEAR WEIGHER AND FEEDING CONVEYOR
- OATS/GRANOLA/TRAIL MIX
(QUAD SEAL BAGS WITH ZIPPER)



RADPAK OFFERS

VOLUMETRIC FILLERS



We offer volumetric fillers such as auger dossers and cup dossers.

Volumetric cup dosser measures the portion of the product by completely filling the dosing cups, which can be mounted from 4 to 8 pieces. Adjusting the size of the cups is done fully automatically with the touch panel.

Auger fillers doses a predetermined quantity of a product by the rotation of a dosing screw. With a wide range of auger diameters we can dose the product with high accuracy and performance.

WIDE VARIETY OF CUP AND AUGER FILLERS

RADPAK OFFERS

We also produce linear and multihead combi weighers, which are used for weighing products using vibrating chute and tensometric weighing sensors.

We offer linear weighers from 1 to 6 weighing buckets or multihead combi weighers with 10 and 14 weighing buckets.

Weighing range is from 20 grams to 25 kg, depending on the weigher model.

WEIGHERS



LARGE VARIETY OF LINEAR AND MULTIHEAD COMBI WEIGHERS

LINEAR WEIGHER - CHEMICALS



MULTIHEAD COMBI WEIGHER - SALT



RADPAK OFFERS

CARTONERS



START-STOP AND CONTINUAL MOTION CARTONERS

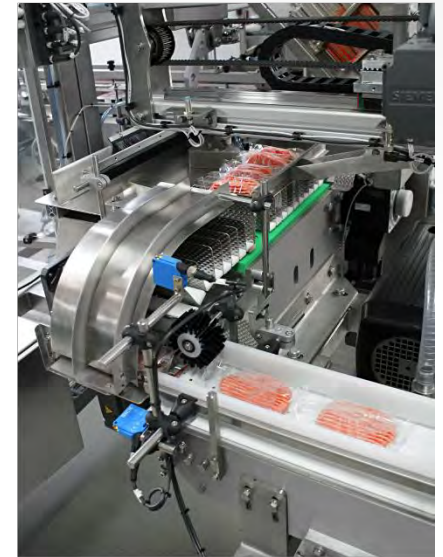
We also manufacture fully automatic cartoners, which form box from a flat pre-glued cardboard, place the product inside the box, and seal with glue.

Depending on the product, we offer cartoners with boxes oriented horizontally or vertically.

Products in unit packs or bags can be packed on a horizontal cartoner.

Unpackaged goods and small products, can be packed using gravity for settling into a box which is vertically orientated.

HORIZONTAL CARTONER (WITH TWO AXIS SERVO TRACK) - HAMBURGERS



VERTICAL CARTONER WITH LINEAR WEIGHERS - SEEDS



CASE PACKING SYSTEMS

This is the next stage of complete packaging lines that we offer. Starting from dossing a product and packing it into single unit bags, packing them into cartons, it is also possible to group products in larger groups and pack them into cases.

We produce several types of case packing systems.

CASE PACKERS



CASE PACKING SYSTEMS SUCH AS: CASE PACKERS , CASE ERECTORS, TRAY FORMERS ETC.

TRAY & WRAP AROUND CASE PACKER

RKZ complete packaging system can pack group of boxes, pouches, or bags in a wrap-around case or tray.

The machine receives single packages, creates a group (for example: 2 rows of 6 boxes each – 12 pack) and a case is tightly wrapped around the group.



CASE PACKERS



COMPLETE PACKAGING SYSTEMS, CASE ERECTORS, TRAY FORMERS AND OTHERS.

TRAY & HOOD CASE PACKER

We also offer upgrade of RKZ system that allows fully automatic to form the top cover, which covers products in case.

Our device enables application of the top cover on the outside or inside the case.

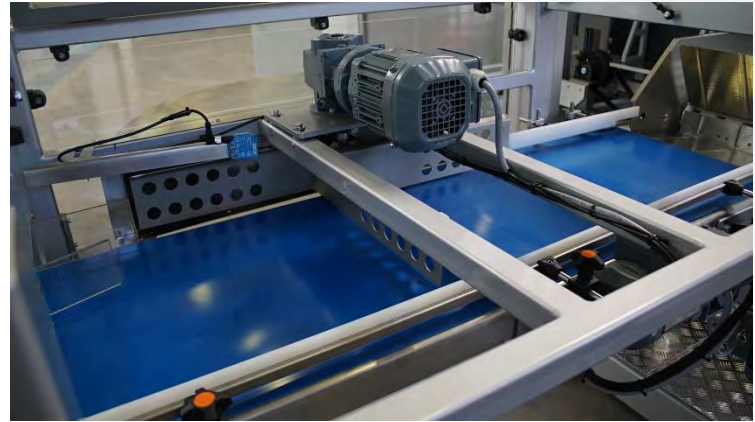


CASE PACKERS



COMPLETE PACKAGING SYSTEMS, CASE
ERECTORS, TRAY FORMERS AND OTHERS.

Tray & hood Case packer – sample pictures



Application of the case top cover



TOP LOAD CASE PACKER

The RGZ system for packing products in american style cases (RSC Regular Slotted Container). This is a four flap case.

The case erector forms and seals the bottom.

Then the case packer counts, groups the product, and loads product from the top into formed case.

The last part of this system is an automatic sealing machine, which closes the four upper flaps of the case and applies adhesive.

CASE PACKERS



COMPLETE PACKAGING SYSTEMS, CASE
ERECTORS, TRAY FORMERS AND OTHERS.

SIDE LOAD CASE PACKER

In our offering we also have a compact device that evolved from the RGZ to pack products on their side. This solution is fully automatic and can erect an american style case, load a specific product configuration into it and seal the top flaps of the case.



CASE PACKERS



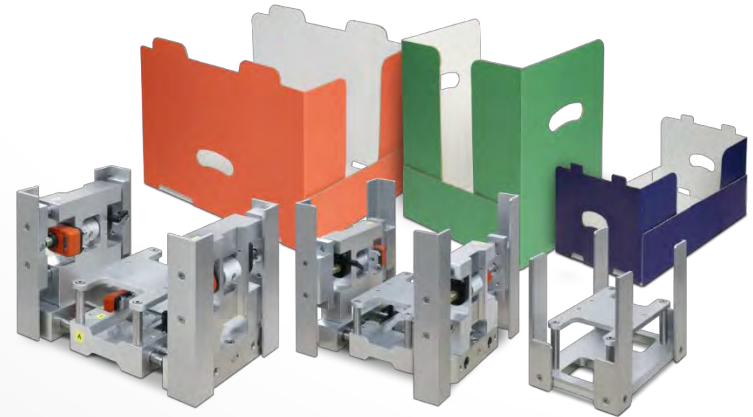
COMPLETE PACKAGING SYSTEMS, CASE ERECTORS, TRAY FORMERS AND OTHERS.

RADPAK WRAPAROUND CASE PACKING SYSTEM CASE FORMATS



DISPLAY TRAY, WRAP AROUND AND TRAY & HOOD CASES

TRAY FORMER – WITH QUICK CHANGE OF FORMING TOOLS



CASE ERECTOR - AMERICAN STYLE CASES (RSC REGULAR SLOTTED CONTAINER)





RADPAK OFFERS

COMPLETE PACKAGING LINES



FROM SINGLE UNIT PACKS TO CASES

WE PRODUCE COMPLETE PACKAGING LINES. RADPAK INTELLIGENTLY INTEGRATES EACH DEVICE SUCH AS: DOSSERS, WEIGHERS, VERTICAL FORM FILL & SEAL MACHINES, CARTONERS AND END OF LINE CASE PACKERS

OUR LINES ARE CREATED TO MEET INDIVIDUAL CUSTOMER REQUIREMENTS. WE STRIVE TO EXCEED OUR CUSTOMERS' EXPECTATIONS.

WE OFFER LINES FOR PACKING VARIOUS PRODUCTS, INCLUDING: MEAT, RICE, SALT, CEREAL FLAKES, FRUITS, SWEETS, AND NON FOOD PRODUCTS, INCLUDING: SCREWS, GRINDING WHEELS, COAL OR WASHING POWDER.

COMPLETE PACKAGING LINE – PELLETS



COMPLETE PACKAGING LINE – OATS/GRANOLA/TRAIL MIX



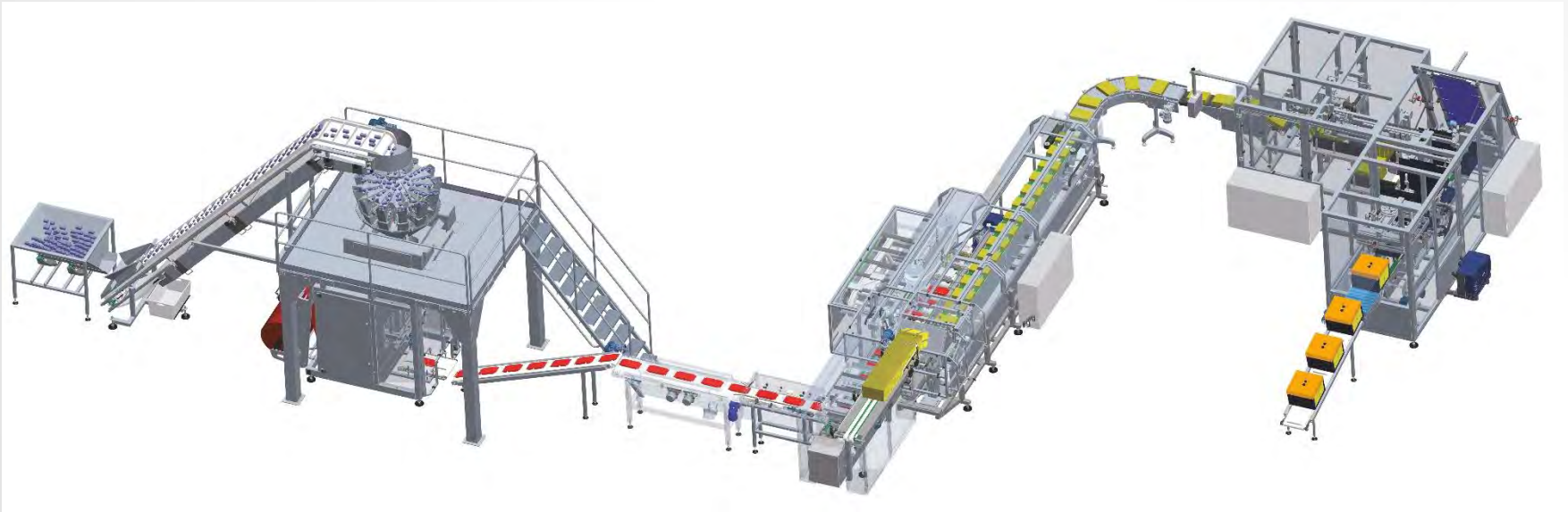
COMPLETE PACKAGING LINE - CANDY

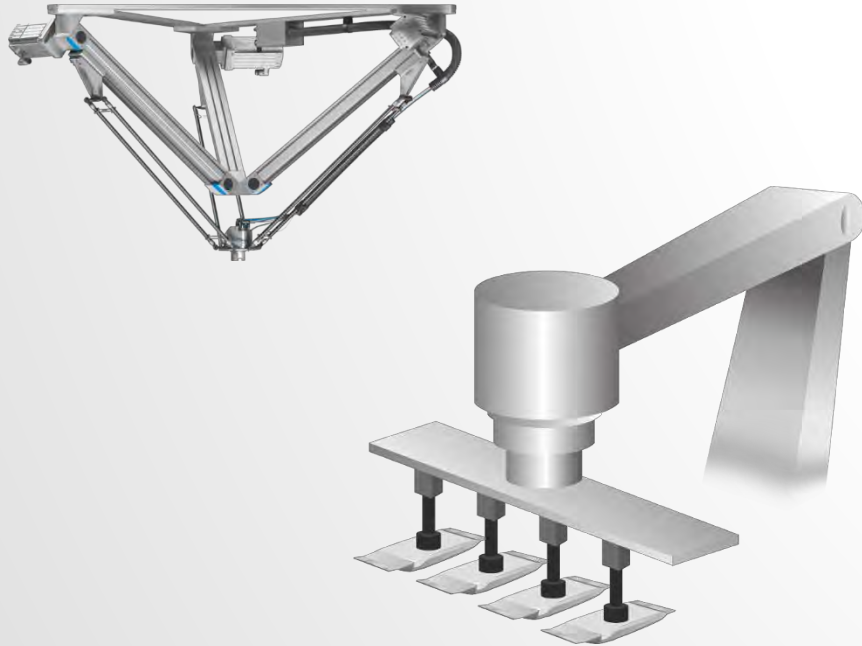


COMPLETE PACKAGING LINE – SOFT FRUITS



COMPLETE PACKAGING LINE - PROJECT





OUR INTEGRATED
PACKAGING LINES MAY
INCLUDE OTHER
MANUFACTURERS'
COMPONENTS, SUCH AS:
MULTI-AXIS ROBOTS,
MANIPULATORS,
METAL DETECTORS,
CHECKWEIGHERS,
PRINTERS,
LABELING MACHINES OR
PALLETIZERS

PALLETIZING SYSTEMS, MULTI-AXIS ROBOTS
AND MANIPULATORS

Our clients



RADPAK

UL. OKREZNA 2
87-800 WLOCLAWEK
POLAND

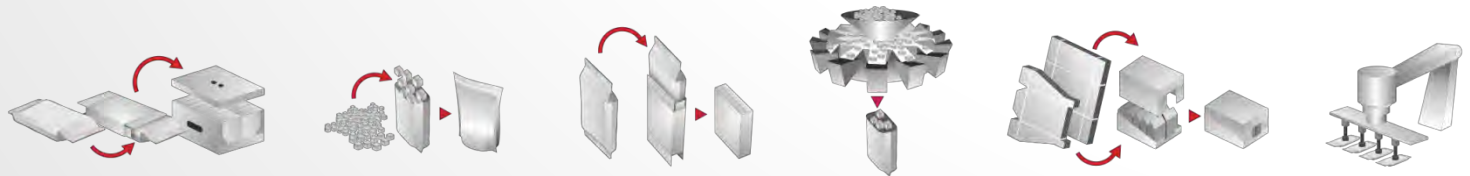
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WWW.RADPAK.NET



Thank you.
We appreciate the opportunity to
present our product offering.



Radpak

www.radpak.net

EndofLine
Complete Packaging Systems

Radpak provides Integration Services for a wide range of equipment such as: fillers, form/fill/seal systems, cartoners, case packers, tray formers and other end-of-line systems including coding and vision inspection etc.



**Vertical Form-Fill-Seal For
StandUp and Zipper Pouches**

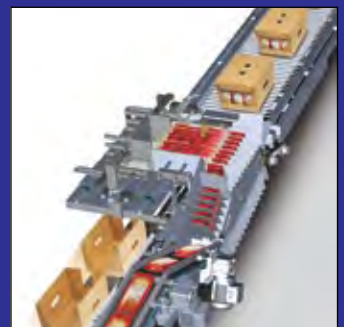


FEATURES

- PLC Allen Bradley, 10" panel on swing arm, Festo, Sick sensors, SEW drives, 1 forming tube included, short outtake conveyor
- Wide range of pouch sizes:
w: 120 - 250 mm (4.7" - 9.8")
h: 170 - 280 mm (6.7" - 11")
- Different pouch heights require new forming tube.
- Speed up to + 50 BPM with StandUp and Zipper
- Roll of film:
OD: 600 mm (23.6"),
ID: 75 mm (3"), mounting on pneumatic shaft for easy operation
- Zipper 10 mm (0.4") wide.

APPLICATIONS

- Food, dry and wet
- Beverages
- Chemicals
- Pharmaceutical



**Radpak EndofLine Case Packers,
Tray Formers, Case Erectors & Sealers**

Radpak Case Packer with Allen-Bradley multi Servo drives can pack a wide range of products like StandUp pouches, Stabulo bags, boxes, containers, bottles, trays etc. Custom made feeding-loading system can offer the possibility to form wrap-around, tray and hood cases. Easy integration with existing packaging lines.



Different Styles of Cases
EndofLine Case Packer can offer the possibility to form wrap-around and hood cases.



Radpak automatic manipulator-robot with 2-axis motion.



Commercial robot integrated with Servo track conveyors for high speed application.

**Continuous Motion
End Load Horizontal Cartoner**

with a wide range of automatic feeding systems. Highly flexible and economical robust cartoning solution. Radpak provides a wide range of Horizontal and Vertical Cartoners with collation and grouping systems including multi pack configurations and a range of feeders including overhead timing conveyors, infeed belts, counters, feed screw, robotics, Servo train etc. Custom engineered solutions to solve problems.



**Horizontal
Cartoner
Pharmacy**



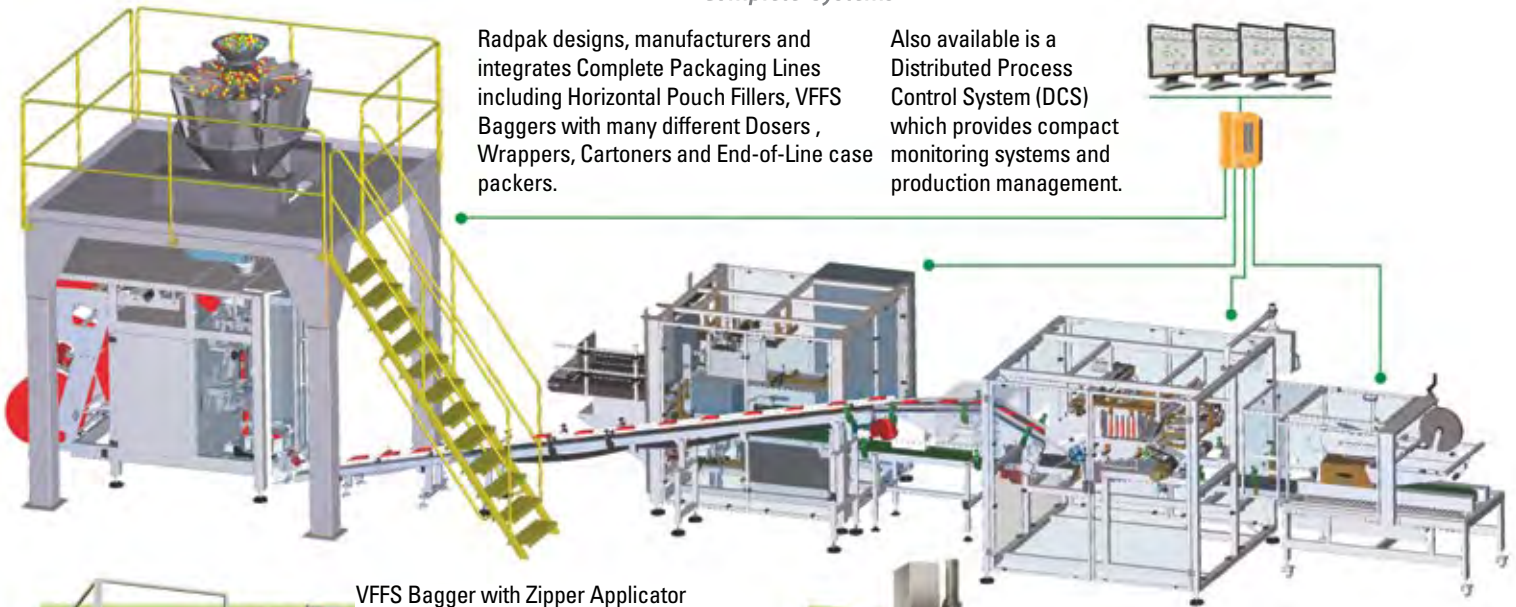
Intermediate Motion End Load Horizontal Cartoner

with a wide range of
automatic collation
and grouping-loading
systems.



Radpak designs, manufacturers and integrates Complete Packaging Lines including Horizontal Pouch Fillers, VFFS Baggers with many different Dosers, Wrappers, Cartoners and End-of-Line case packers.

Also available is a Distributed Process Control System (DCS) which provides compact monitoring systems and production management.



VFFS Bagger with Zipper Applicator and Radpak Multi Head Weigher.

Sloped VFFS Bagger for fragile products.

VFFS Bagger with servo Auger Doser.

Complete line for brick formed bags for easy reseal-ability.

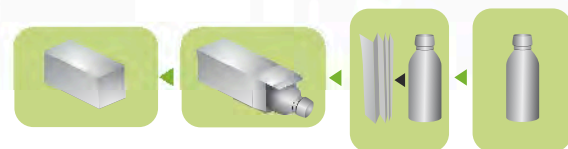


Vertical Form-Fill-Seal For Standup and Zipper Pouches

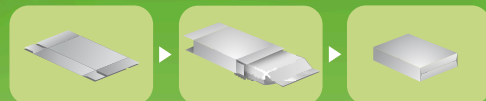




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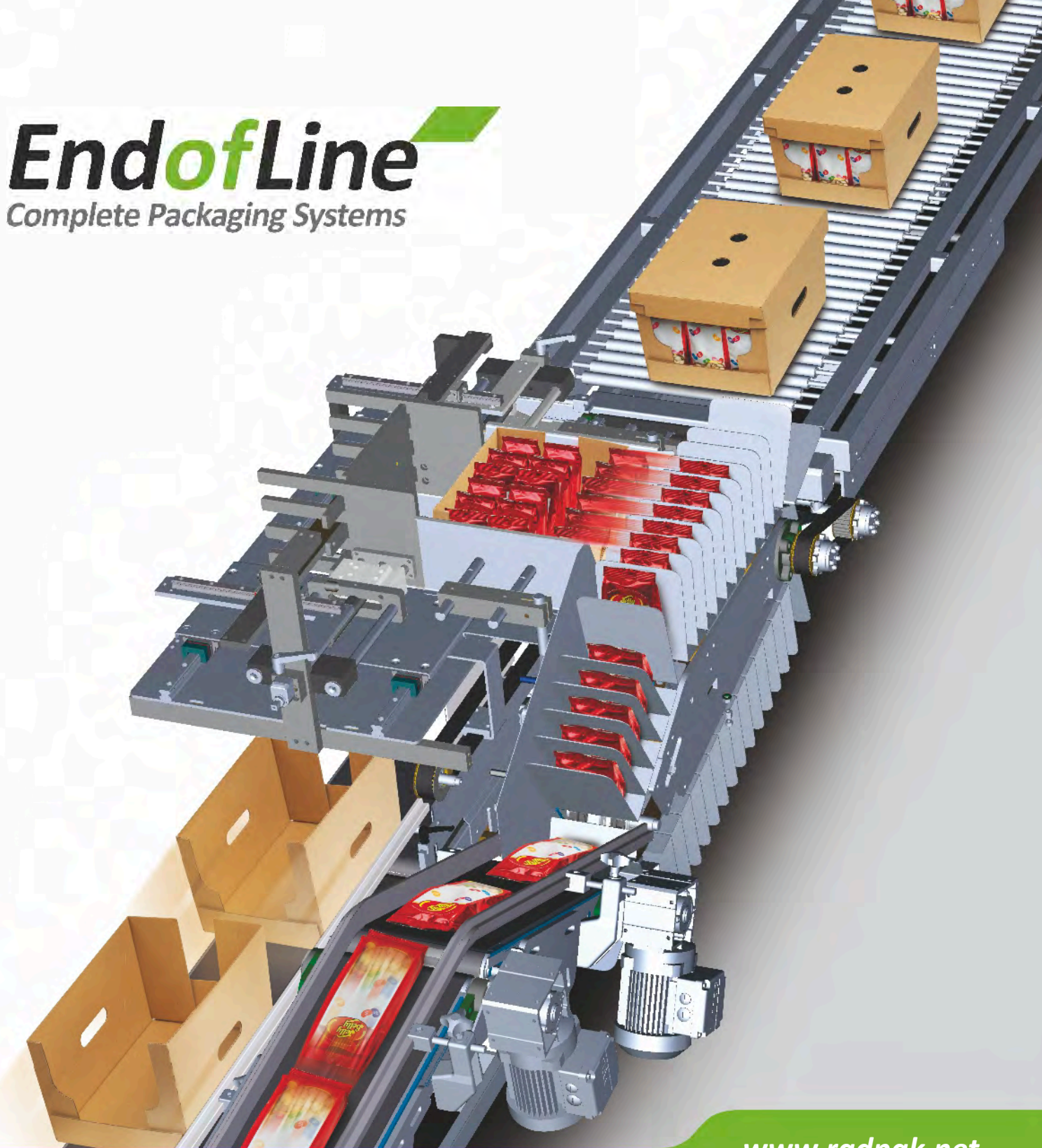
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EndofLine Complete Packaging Systems

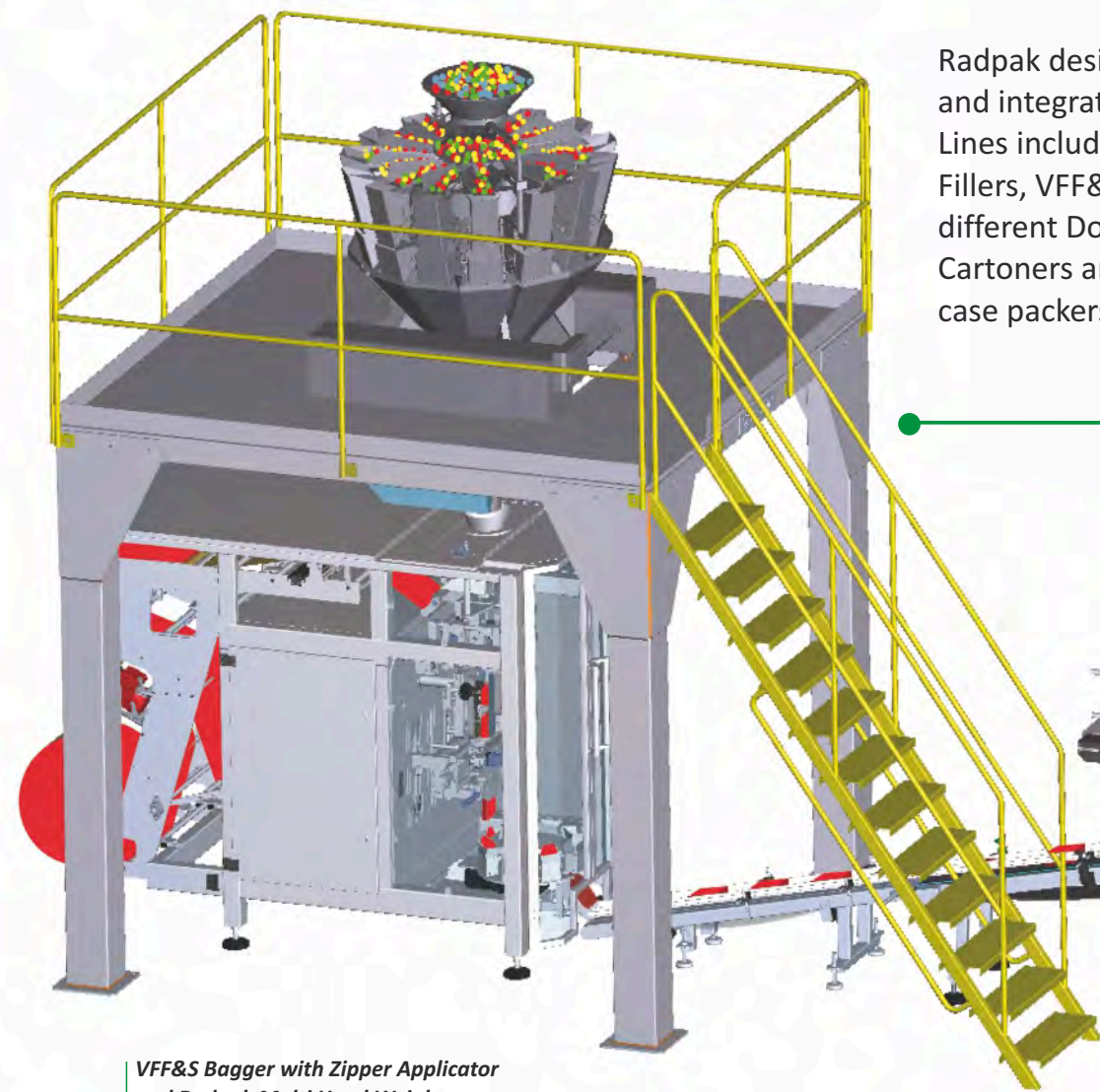


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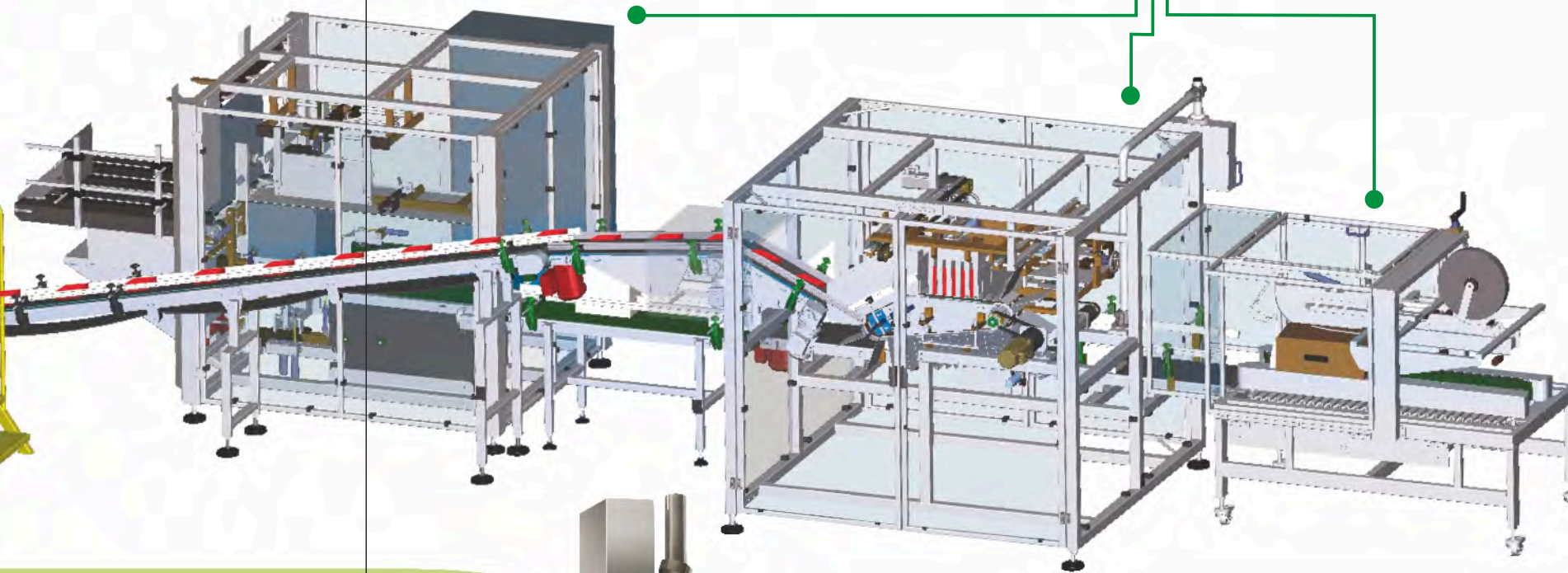
Radpak



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Complete line for brick formed bags for easy reseal-ability.

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Radpak Case Packer with Allen-Bradley multi servo drives can pack a wide range of products like doypack, stand up pouches, stabilo bags, boxes, containers, bottles, trays etc. Custom made feeding-loading system can offer possibility to form wrap-around, tray, tray&hood cases. Easy integration with existing packaging lines.



Different style of cases.

EndofLine Case Packer can offer possibility to form wrap-around, tray and tray & hood cases. Easy integration with existing packaging lines. Possibility of mixing different products.

Radpak automatic manipulator-robot with 2-axis motion.



Commercial robot integrated with servo track conveyors for high speed application.

