COMPLETE LINE OF FOOD CONVEYING SYSTEMS
CREATING A REMARKABLE CUSTOMER EXPERIENCE.

In 2014 Precision, Inc made the decision to enter the food industry with the acquisition of KOFAB®, a manufacturer of sanitary designed conveying solutions. Subsequently in 2017, the company acquired Meyer Industries and created a new food division, which capitalizes on Meyer’s and KOFAB’s 40-plus year history and reputation in the food processing industry.

Proving that two are better than one, Meyer Industries and KOFAB have merged and become one entity, Precision Food Innovations (PFI).

PFI is a global, employee-owned division on a mission to provide unparalleled customer service and support to the food processing and handling industry.

At PFI, we understand that our customers’ business is our business and we act accordingly. Specializing in a wide range of conveying equipment, PFI offers innovative solutions to meet every application and has the ability to customize products to integrate into existing systems.

Sanitary design is at the heart of our equipment. Our team of experts tirelessly research and engineer our products to be on the cutting edge of regulations and trends to find better solutions to your unique challenges, allowing you to work safer and more efficiently.
“PFI is constantly striving to provide the most remarkable customer experience through our personal connections and quality products along with our engineering and manufacturing expertise.”

– Greg Stravers, Senior Vice President
PFI’s Curveyor signature design features powered belt turns created and custom built for the food processing and material handling industries. Bi-directional product flow and a center driven belt is beneficial for right-hand or left-hand functionality. Ease of maintenance allows belt removal and replacement in approximately 30 minutes.

**Design Features**
- Bi-Directional Product Flow
- Sanitary Design
- Tight Transfers
- Low-Maintenance

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PFI’s Eleveyor Conveyor System leads the industry in sanitary design for incline conveying. With proven design and robust construction, the Eleveyor will be a trusted conveyor in your plant for many years.

**Design Features**
- Positive Drive System
- Self-Tracking Belt
- Quick-Release Take-Ups
- Sanitary Design
- Low-Maintenance
- Quiet Operation
- Various Design Options
TROUGHveyor

PFI’s Trough Conveyor features positive drive conveyor belting technology with the most open frame design in the industry. With its cantilevered design option, belt removal is quick and easy allowing for ease of clean-up and/or belt maintenance.

Whether running as an incline or horizontal, center or end driven, and with pneumatic or manual quick-release take-ups, PFI’s Trough Conveyor can be easily customized to fit precise applications.

PURlift

PURlift is a positive drive lifting system that features an automatic infeed section and single drive system unique only to PFI. The pneumatic belt tensioning system ensures that optimal belt tension is maintained and also acts as a quick-release, allowing the unit to be cleaned and sanitized efficiently.

**DESIGN FEATURES**

- POSITIVE DRIVE SYSTEM
- SELF-TRACKING BELT
- QUICK-RELEASE TAKE-UPS
- SANITARY DESIGN
- STAINLESS STEEL DRIVE PULLEYS
- LONG LASTING
- LOW-MAINTENANCE
- QUIET OPERATION
- VARIOUS DESIGN OPTIONS
- TOOL-LESS WEIGHTED BELT SCRAPERS
VIBRA-FLEX® II

The VIBRA-FLEX II is a unique excited base frame conveyor that incorporates a simple, low maintenance design to provide a high level of reliability, sanitation and operating efficiency. The excited base frame design delivers consistent sympathetic vibration through composite springs which reduces stress and increases the life of the pan. It is ideal for screening, dewatering, laning, grading, feeding and spreading operations.

DESIGN FEATURES

- Easily adjustable drive
- Easy installation and low maintenance
- All stainless steel construction
- Designed to fit your application
- Sizes ranging from 12” to over 6 feet wide

PūRmotion

Horizontal motion conveying has played a very important role in the food manufacturing industry for many years. PūRmotion is the next generation of horizontal motion conveyance that offers a truly hygienic design but yet maintains the gentleness, flexibility and durability that is expected in your operation. The PūRmotion’s open frame design gives you instant accessibility to every component of the conveyor allowing for easy sanitation and inspections. In addition, the servo driven motor is amazingly quiet and gives the operator complete control and flexibility by having the ability to reverse product flow almost instantaneously without disrupting upstream or downstream operations.

DESIGN FEATURES

- All stainless-steel construction
- IP69K rated components for heavy washdowns
- Bi-directional with nearly instantaneous reversal of product flow
- No hollow tubing
- Minimal sandwich points and flat surfaces
- Open design for ease of cleaning
- Extremely quite while operating
- Direct drive servo motor
- No belts, pulleys or additional lubrication points required

VIBRATORY CONVEYORS
The MAGNEflex series, from PFI, are state-of-the-art electronic drive vibratory conveyors that use natural frequency to move dry, granular, free flowing product as well as many non-free flowing products. MAGNEflex conveyors utilize electro-magnetic drive coils without the use of moving parts or a direct connection between the drive and trough. Suited well for both food and non-food products, their sanitary design combined with the extremely flexible drive system enables these machines to fit many applications.

**DESIGN FEATURES**

- STAINLESS STEEL OR MILD STEEL CONSTRUCTION
- EASY TO CLEAN
- EXCEPTIONALLY QUIET
- IDEAL FOR FOOD AND NON-FOOD PRODUCTS
- HIGHLY EFFICIENT AND MANUALLY ADJUSTABLE
- CUSTOMIZABLE DESIGNS AND OPTIONS TO FIT YOUR OPERATION

In-line weighing vibratory feeder designed to feed and/or monitor products by weight. Utilizing an electromagnetic drive system, the MAGNA WEIGH continuously monitors product weight passing over the pan surface. Ideal for feeding blending lines using single or multiple products, feeding processing equipment, electronic sorters, packaging equipment or a controlled feed to coating and enrobing lines.

**DESIGN FEATURES**

- STAINLESS STEEL PRODUCT CONTACT SURFACES
- EASY TO CLEAN AND WASH DOWN RATED
- VARIABLE FEED RATES TO OVER 1000 CUBIC FEET PER HOUR
- HIGHLY ACCURATE - +/- 0.25% - +/- 2.0% DEPENDING ON PRODUCT AND REQUIRED CAPACITY
- SIMPLE TO OPERATE AND CALIBRATE WITH NO MOVING PARTS
- LOAD CELL HOUSED IN SS SCALE BASE
- ABILITY TO COMPENSATE AUTOMATICALLY FOR THE VARIATIONS IN PRODUCT BULK DENSITIES
- EASY MAINTENANCE WITH NO BELTS, PULLEYS, SHAFTS, OR BEARING TO REPLACE
EDF VIBRATORY FEEDER SERIES

Available in a variety of lengths and widths, the EDF vibratory feeder series provides reliable, accurate and highly controllable horizontal movement of a wide range of dry, granular, free-flowing food and non-food products. The 120 volt electromagnetic drive mounted beneath the trough creates a compact design and can be combined with a fully customizable hopper with your choice of storage capacity, infeed dimensions, slope angles and surface finish. In addition, PFI’s The Accu-Flow™ Hopper is ideal for operations requiring surge capacity and comes with an easy lift-off hopper and the option of a precision loss-in weight version.

DESIGN FEATURES

CUSTOMIZABLE STORAGE CAPACITY, INFEED DIMENSIONS, SLOPE ANGLES AND SURFACE FINISH

OPTIONAL INFEED SCREENS/GRATES FOR CLUMP SEPARATION

OPTIONAL LOADING SHELF FOR IMPROVED ERGONOMICS

SANITARY STAINLESS STEEL CONSTRUCTION ON ALL PRODUCT CONTACT SURFACES

CONSTRUCTION FROM SMOOTH OR RIGIDIZED MATERIALS SUCH AS 6WL OR 7DL

CUSTOMIZABLE FEEDER WIDTHS

FEEDER OPTIONS FOR COVERS, SCREENS AND SPECIALIZED DISCHARGE SHAPES FOR CROSS FEEDING OR DIRECT SCALE FEEDING

AUTO AND MANUAL CONTROLS WITH LOCAL SPEED CONTROL KNOB

LOCAL ON/OFF SWITCH WITH SPEED CONTROL KNOB

REMOTE MOUNTED CONTROLLER FOR INTEGRATION TO CUSTOMER CONTROL CABINET

The Accu-Flow™ Hopper/Feeder
SIMPLEX BUCKET ELEVATOR
With over six decades of experience in designing and manufacturing bucket elevators, the SIMPLEX Bucket Elevator is the gold standard in the industry. Available in a wide range of sizes, configurations and capacities, all SIMPLEX designs are easily modified to maximize space utilization, reduce cost and enhance process efficiency.

DESIGN FEATURES
V-STYLE OVERLAPPING BUCKETS
POSITIVE BUCKET CONTROLS
OPTIONAL OPEN TUBULAR OR CLOSED CASING FRAME DESIGN
STAINLESS OR CARBON STEEL CONSTRUCTION
HEAVY DUTY CONSTRUCTION FOR LONG LIFE AND LOW MAINTENANCE

POLYWASH™ MULTI-PRODUCE WASHERS
The Polywash uses a combination of pressurized water and air injection which allows for the ultimate in washing while offering the flexibility of variable dwell times. The combination of turbulent and calm zones effectively washes the product while removing fine debris that would otherwise be carried out with the product. Ideal for washing and cleaning fruit, vegetables, leafy products, tubers, roots, seafood and more.

DESIGN FEATURES
NO MECHANICAL PARTS IN THE WASH ZONE
EASY TO CLEAN TANK
LOW WATER CONSUMPTION
GENTLE ACTION REDUCES PRODUCT DAMAGE
OPTIONAL FLOATING DEBRIS REMOVAL DRUM
INDEPENDENTLY ADJUSTABLE WATER AND AIR INJECTION FOR VARIABLE DWELL TIMES
BULK BOX EQUIPMENT

PFI offers a full line of bulk box unloaders, dumpers, fillers and densifiers designed to provide safe and efficient material transfer while minimizing product damage. Robust designs allow for reliable and continuous operation capable of filling and emptying boxes weighing up to 3,000 pounds.

DESIGN FEATURES
- 60 DEGREE DISCHARGE ANGLE
- CONTINUOUS OPERATION
- WIDE CARRIAGE ASSEMBLY
- SANITARY TUBULAR CONSTRUCTION
- STAND ALONE OR IN A FULLY INTEGRATED SYSTEM

SEALED DUMPER

PFI’s Sealed Box Dumper ensures that your product remains free from falling debris while being dumped from a bulk box. A system designed to lift and seal the bulk box during the dumping operation virtually eliminates the chance that foreign debris enters the product stream originating from the box or supporting pallet.

DESIGN FEATURES
- SANITARY OPEN FRAME DESIGN
- DESIGNED FOR FOOD AND NON-FOOD PRODUCTS
- CUSTOM DESIGNS AND UPGRADES AVAILABLE
HEAVY DUTY DUMPER

PFI’s heavy duty dumpers are designed to provide efficient material transfer while providing added safety and reliability to any operation. Boasting 5” bore hydraulic cylinders, heavy duty gusseted frame tubes along with other robust design features, the PFI heavy duty dumper meets a 5:1 safety factor ideal for the most demanding applications.

DESIGN FEATURES

- MILD OR STAINLESS STEEL CONSTRUCTION
- HEAVY DUTY GUSSETED FRAME TUBES
- 5” BORE HYDRAULIC PIVOT CYLINDERS
- REINFORCED FRAME WELD JOINTS
- DUAL 1” SQUARE ROD PIVOT RETAINER BLOCKS
- PIVOT PIN RETAINER PLATES
- 4” TUBE CROSS BAR FRAME SUPPORT
- OPTIONAL MANUAL PULL-CORD CONTROL SYSTEM

PRE-SHEETER

PFI’s custom built Pre-Sheeters are designed to handle a large variety of dough types including difficult to handle varieties that are highly hydrated and sticky.

DESIGN FEATURES

- STAINLESS STEEL CONSTRUCTION
- SMOOTH CONSISTENT SHEETING
- SANITARY DESIGN FOR EASY CLEANING
- EASILY INTEGRATED WITH EXISTING SYSTEMS
SPREADER

PFI’s Spreader signature design can be used in a variety of different applications including converging, diverging, and spreading packaged or unpackaged product.

The PFI Spreader features a low tension positive drive series of small pitch ladder flex chains running side by side to ensure gentle handling of product over tight transfers at both infeed and discharge ends. This positive drive system guarantees no belt slippage, resulting in perfect product orientation with no jams or pile-ups.

Built to fit your application, each unit is designed with a focus on sanitary design and ease of maintenance.

RETRACTOR

Used in an array of applications such as transposing product from a wide to narrow pattern, pan loading, oven and freezer belt loading or for simple reject or product dumps, the Retractor will fit your needs. Available with a wide variety of belt and design options, the Integrated Servo Electrical Controls can be programmed for multiple products, desired stroke lengths and retraction speeds.

DESIGN FEATURES

- POSITIVE DRIVE SYSTEM
- TIGHT TRANSFERS
- SANITARY DESIGN
- LOW-MAINTENANCE
- QUIET OPERATION
- VARIOUS DESIGN OPTIONS
GUILLOTINE

The PFI Guillotine Signature Design was created with the needs of the food industry in mind and built to fit your most challenging applications and product requirements, including the flexibility of adjusting to desired product lengths. The cutting blade can be Teflon coated for specific product release when cutting through sticky materials.

The product features an all stainless steel fully welded robust construction and is completely guarded with safety interlocks to prevent access while running; however, all guards are slotted or wire mesh for visual control during production. Guards are hinged and removable for sanitation and maintenance purposes, aligning with the goal of all PFI designs.

DESIGN FEATURES

18” TO 48” CUT WIDTHS
CUTTING RATES UP TO 300 CUT PER MINUTE
SERVO DRIVEN AND CUSTOM CONTROLS
TEFLON COATED CUTTING BLADE
PRECISION CONTROLLED CUTTING
FULLY CUSTOMIZABLE TO FIT YOUR APPLICATION
VIBRATION RESISTANCE FASTENERS
HEAVY DUTY ROBUST CONSTRUCTION

SPIRAL CHUTES

Designed for a wide range of applications including food and nonfood products, PFI’s spiral chutes can be manufactured using mild or stainless steel construction. Easy Let-Down Chutes provide for gentle handling of products that would otherwise be damaged by an uncontrolled fall of any distance. Available in a wide range of lengths, diameters and configurations.

DESIGN FEATURES

SANITARY STAINLESS STEEL CONSTRUCTION
HEAVY DUTY CONSTRUCTION
OPEN CENTER OR CENTER TUBE CONSTRUCTION AVAILABLE
OPTIONS FOR CLOCKWISE OR COUNTER CLOCKWISE FLOW
MIX-BLEND SYSTEMS

PFI’s Mix-Blend Systems provide accurate portioning and fast recipe changeovers whether the finished product is mixed cereals, trail mixes, snack mixes or cereal/snack bars. The loss in weight feeders and easily adjustable gates provide a consistent flow of product that precisely combines individual ingredients into one mixture.

DESIGN FEATURES

STAINLESS STEEL SANITARY CONSTRUCTION
VARIABLE SPEED FEEDERS
LOSS IN WEIGHT FEEDERS FOR HIGH ACCURACY WEIGHT-BASED FEED CONTROL
GRANULATING SYSTEM ELIMINATES CLUMPS

VIBRATORY DISTRIBUTION SYSTEMS

Floor or ceiling mounted, PFI’s Vibratory Distribution Systems ensure product is available on demand at each discharge point or station. These distribution systems can be adapted to handle non-free and free-flowing products while maintaining the highest sanitary standards.

DESIGN FEATURES

RELIABLE, LOW MAINTENANCE DESIGN
STAINLESS STEEL CONSTRUCTION
MULTIPLE DISCHARGE OPTIONS
PITCH ANGLES SELECTED FOR GENTLE PRODUCT HANDLING