

# Mepaco®

RELIABLE BY DESIGN



## METERING CONVEYORS

Metering Screw Conveyor  
systems provide surge loading  
capabilities

## RELIABLE BY DESIGN

Reliability is the cornerstone that transcends our products and services. Great strides are taken to exceed expectations in production, quality, workmanship, longevity, safety, sanitary design and overall value. Reliability must be realized by all who come in contact with our products and services.



Metering Screw Conveyor with Clean-Sweep Hopper  
This system has an off-set agitator designed to clear the hopper of bulk product between batches

## PRODUCTION EFFICIENCY

Positive elevation with the flexibility that delivers your production goals

Mepaco's Metering Screw Conveyor Systems offer a variety of options and capacities to allow efficient and effective product formulation. Systems are designed for full bulk product containment and rugged sanitation. Our engineers work with your production experts to examine all project parameters in order to design a system that minimizes space while maximizing flexibility for product formulations and production goals.



Metering Screw with Gravity Hopper  
Designed for Bulk Dry Food Application



Metering Screw Conveyor with Cross - Screw Hopper Design

**Mepaco**<sup>®</sup>

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CUSTOMIZATION AND OPTIONS TO MEET YOUR PRODUCTION, SAFETY AND SANITATION GOALS

## OPTIONAL EQUIPMENT

- Hopper Designs: Clean Sweep, Cross Screw, Dual Screw or Traditional
- Contoured, solid or domed grated covers
- Insulation and cladding
- Load cells
- Single or dual screw
- Bead blast (standard), pickle passivated or electropolished surfaces
- Gear box mounting styles: Flange mount, shaft mount with torque arm, or chain and sprocket
- Cut flighting for pre-breaking
- CIP / Sprayballs
- Heating or chilling jackets



Metering Screw with Hopper and multiple discharge locations capability

# Mepaco®

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Mepaco's Metering Screw Conveyor systems have served many food processing industries:

Dairy

Fruits & Vegetables

Meat & Poultry

Pet Food

Plant-Based Foods

Prepared Foods

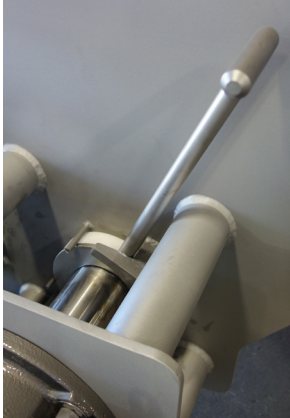
Ready-to-eat

Applications:

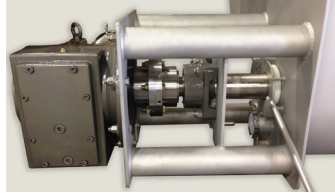
Metering

Formulating

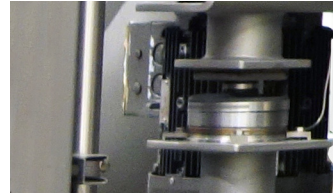
Surge



Quick Release Seal



Coupled motor drive Shaft



Load Cells

## HOPPER DESIGNS



Clean-Sweep



Cross - Screw



Traditional



## Bin System Featuring Metering Screw Conveyors

This Batching Bin System was developed for a pet food manufacturer that required expanded production and efficiency goals to meet market demand. Integral to the Batching Bin System, are Clean-Sweep Metering Screw Conveyors with surge loading capabilities, that feature an off-set screw agitator designed to clear the hopper of bulk product between batches.

The Metering Screw Conveyors in the above system deliver batch ingredients on demand, utilizing loss-in-weight technology.

This batching solution reduces labor and material handling of frozen product and eliminates downtime with continuous, 24/7, large batch production utilizing real-time material availability and on-demand formulation.

*Above: Surge Loading Screw Conveyors, part of the Batching Bin System, set up in the Apache's factory for visual FAT (Factory Acceptance Test)*



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**PART OF THE APACHE STAINLESS EQUIPMENT CORP. FAMILY**

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OSHA

PIP (Process Industry Standards)

ASME

