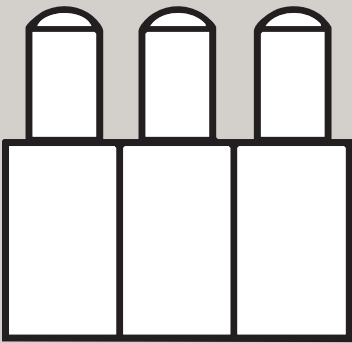


SMART **INGREDIENT** SYSTEM & MIX **DOSE**

AUTOMATED MODULAR TOTE INGREDIENT HANDLING &
MICRO-DOISING SYSTEMS FOR POWDERS & LIQUIDS



INGREDIENT BATCHING | FEEDING

RFID / BARCODE Product Verification upon docking the IBC Tote

Sealed IBC Tote Provides Lot integrity and preservation & Prevents Dusting at Docking/ Discharge Point

Inflatable Seal Automatically Engages IBC Tote

Dock Mounted Air Piston Vibrator / Flow aid

Docking Station with Integral Load Cells (Feeding and Inventory Control)

EXTACTASCREW quick clean screw feeder (Other feeder options available)

Ingredients can be fed simultaneously reducing batching time sequence

Loss-n-Weight, Gain-n-Weight & Volumetric Feeding Configurations

Minor & Micro Ingredient Feeding



Store "Full" lots into a single IBC Tote

Optional Platform Scale for Inventory Validation

Integrated bulk bag unloader and dump-station w/ dust control for proper filling

MIXSYS Telescoping Loading Spout Providing Safe & Dust Free Filling

IBC Tote can safely be moved into storage area and/ or stack for later use



RAW MATERIAL CAN BE
SCANNED INTO INVENTORY
AFTER ARRIVES AT
FACILITY ALLOWING
FOR PROPER LOT AND
INGREDIENT TRACKING
THROUGH OUR ADVANCED
MIXLOGIX CONTROL
PLATFORM.

MATERIAL RECEIVING & IBC TOTE LOADING SEQUENCE

Bulk Bags, 50 lb bags & Other Product Containers can be Moved to our IBC Tote Filling Zone.



COMPLETE SYSTEM FOR WEIGHING, DOSING AND STORING INGREDIENTS FOR PRODUCTION

Micro ingredient units are designed for storing and dosing (by weight) small and medium quantities of micro ingredients which are added to the main ingredients of the recipe. The micro-dosing station is ideal for across all industries and food products in general, and designed to provide a **fully reliable and safe food production process**. **Accurate weighing** ensures recipe standardisation, whereas plant automation **reduces costs**.



ADVANTAGES



PERFECT DOSING AND REDUCED WASTE

Very accurate dosing during recipe execution; raw material waste and production of noncompliant materials are minimized.

TECHNOLOGICAL INTEGRATION

It can be perfectly integrated into the main plan or SKADA system.

PROCESS AUTOMATION = FAST AND CHEAP

The high automation level guarantees fast dosing, lower management costs, accurate traceability and fewer human errors.

CUSTOMISED ADAPTIVE SYSTEM

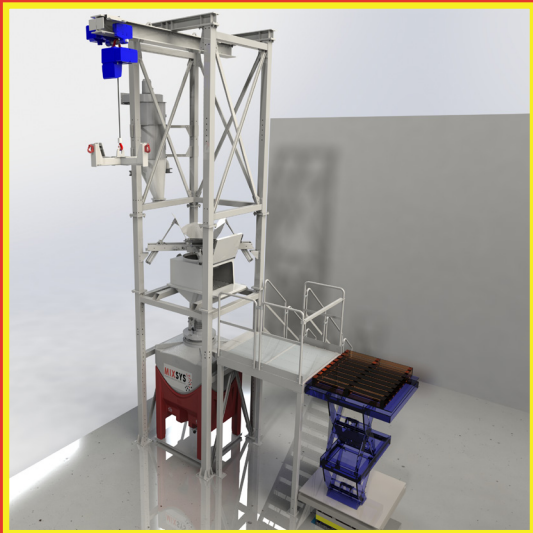
The discharge outlet shape and components applied to the discharge technologies can be adapted to the features of the product to be handled.

EASY INSPECTION AND CLEANING

- THE PORTHOLES CAN BE EASILY REMOVED TO CLEAN THE TANKS INTERNALLY

- THE SCREW FEEDER CAN BE DISASSEMBLED THROUGH QUICK FASTENING SYSTEMS THAT MAKE IT POSSIBLE TO PULL OUT THE ENDLESS SCREW

- THE MOVING PARTS LIKE THE DOSING FEED SCREW ARE MACHINED WITH TIGHT TOLERANCES TO PROVIDE ENHANCED PERFORMANCE AND NO SEDIMENT



A WORLD OF SOLUTIONS. SOLUTIONS FOR THE WORLD.

MIXSYS Designs, Engineers, Manufactures, and Installs advanced process systems for the storage, conveying, dosing, and automation of micros, minors and major powder and liquid materials. Our systems are used in the food industry—including baking, bakery ingredients and pasta making—as well as the chemical, pharmaceutical, and plastics sectors.



PACKAGING SOLUTIONS



DUST COLLECTION



MIXING



ENGINEERING SERVICES



SILO FLEX

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