

THE NEW WEIGHING SYSTEM

Past and Future of the Weighing System

Areas for the Weighing System SGQ15.0:

- Rubber Industry
- Animal feed Industry
- Food Industry
- Chemical Industry
- Pharmacy Industry
- Pigments Industry
- Cosmetics Industry

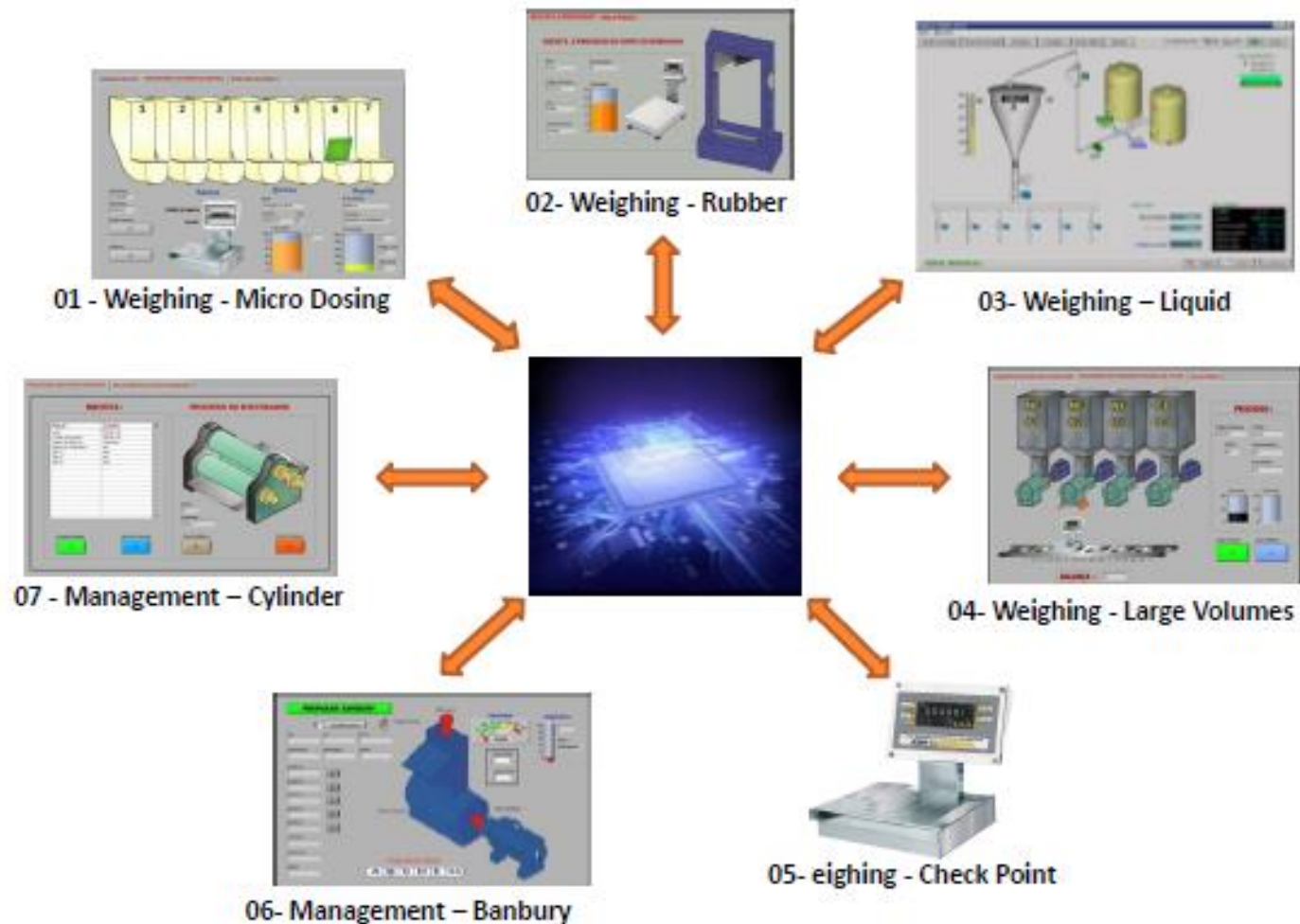
Weighing System for Micro-Dosing



Areas of the Weighing System SGQ15.0:

- **Micro Ingredients** – From 1 to 160 different compounds
- **Rubber** – Correct weighing and traceability
- **Large Volumes** – Automatic weighing of Carbon Black and injecting directly into the silo
- **Liquid and Oil** – Automatic weighing of oil and injecting directly into the Banbury
- **Check Point** – Prepares the right mixing sequence before the Banbury
- **Banbury** – Controls the right mixing steps, times and sequences to be processed
- **Mixer** – Controls the temperature of the rubber mixture on the mixer after the Banbury

New Weighing System – All Modules



Advantage of the Weighing System

- **A 35% FASTER, EFFICIENT WORK DUE TO:**

- Easier and direct access to the bins.
- Capacity of preparing 10 equal recipes simultaneously;
- Easy visualization of the recipes on-screen, on display in front of the operator;
- Perfect ergonomics, diminishing strain for the machine operators;
- Non-stop weighing. Even during the process of feeding of new materials, as this is done by the back of the machine;
- **TOTAL ELIMINATION OF CONTAMINATION RISK** during product weighing and replacing;
- **SPECIAL PLASTIC BOXES (PE)**, with a **FI-FO** (First In, First Out) system;
- **CONTROL REPORTS:** partial (mass) and/or total (day);
- **PRECISE CONTROL** and **MONITORING** of the production stages;
- **DATABASE** for the storage of recipes, with full potentiality and flexibility for amending and including formulas;
- **STOCK MANAGEMENT** between the tanks or silos;
- **LABOR:** full labor supervision and management (who, when, where);

Current Weighing System



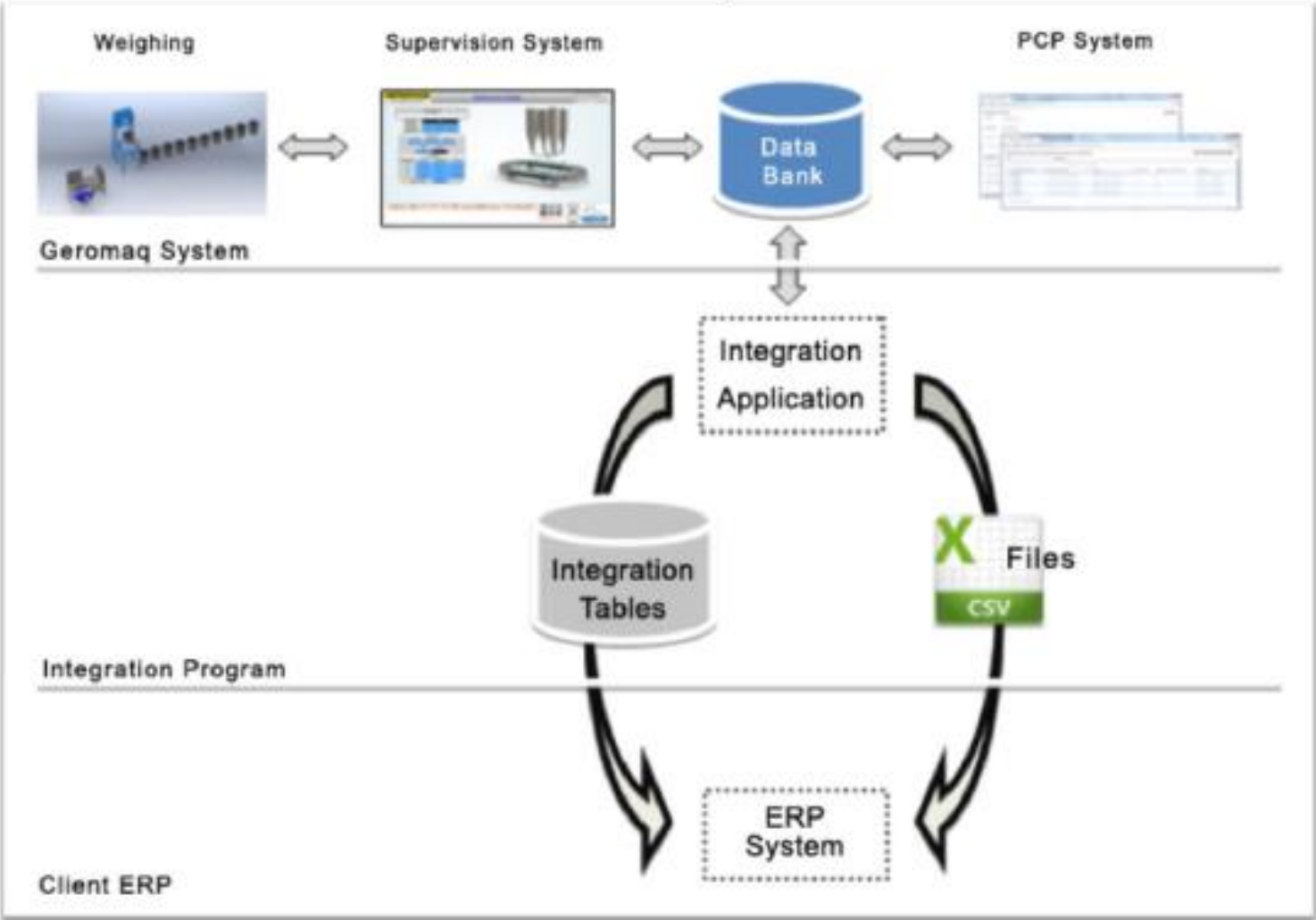
Current Weighing System



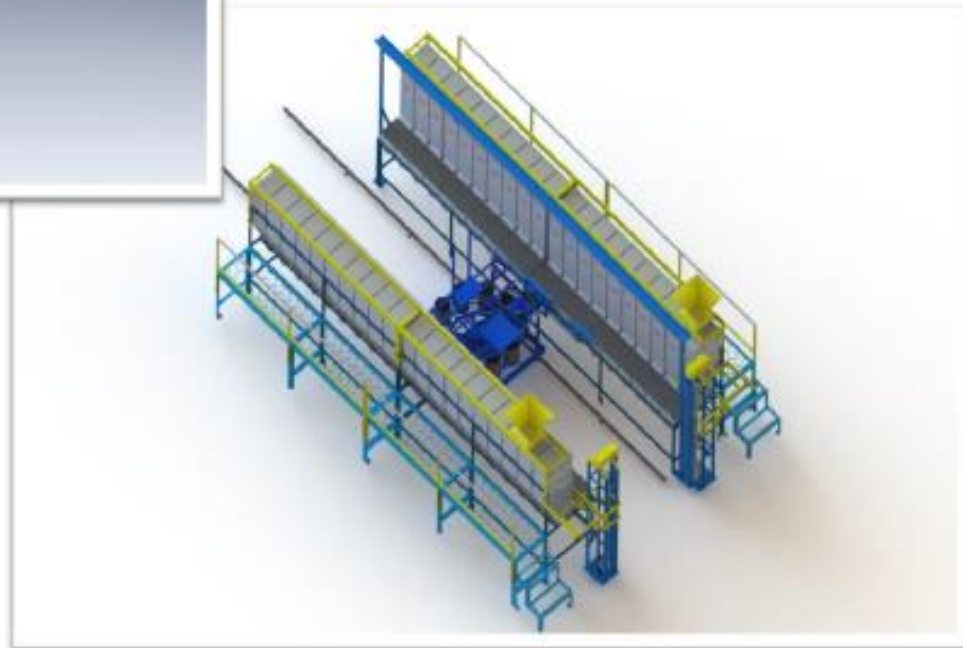
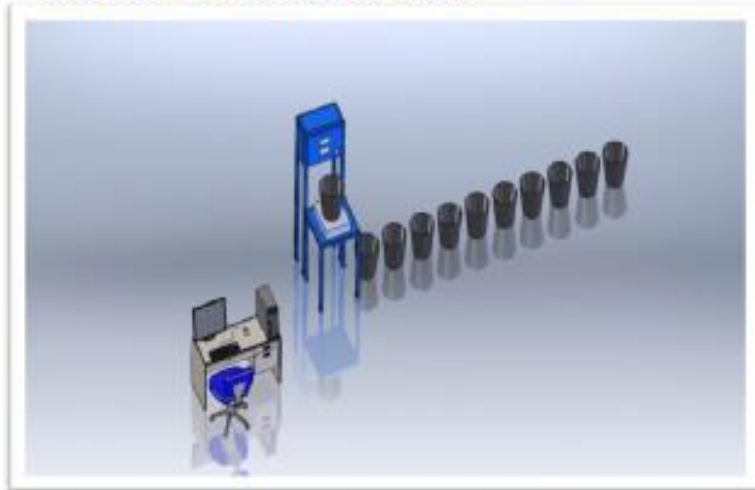
New Weighing System – Programming the Recipes



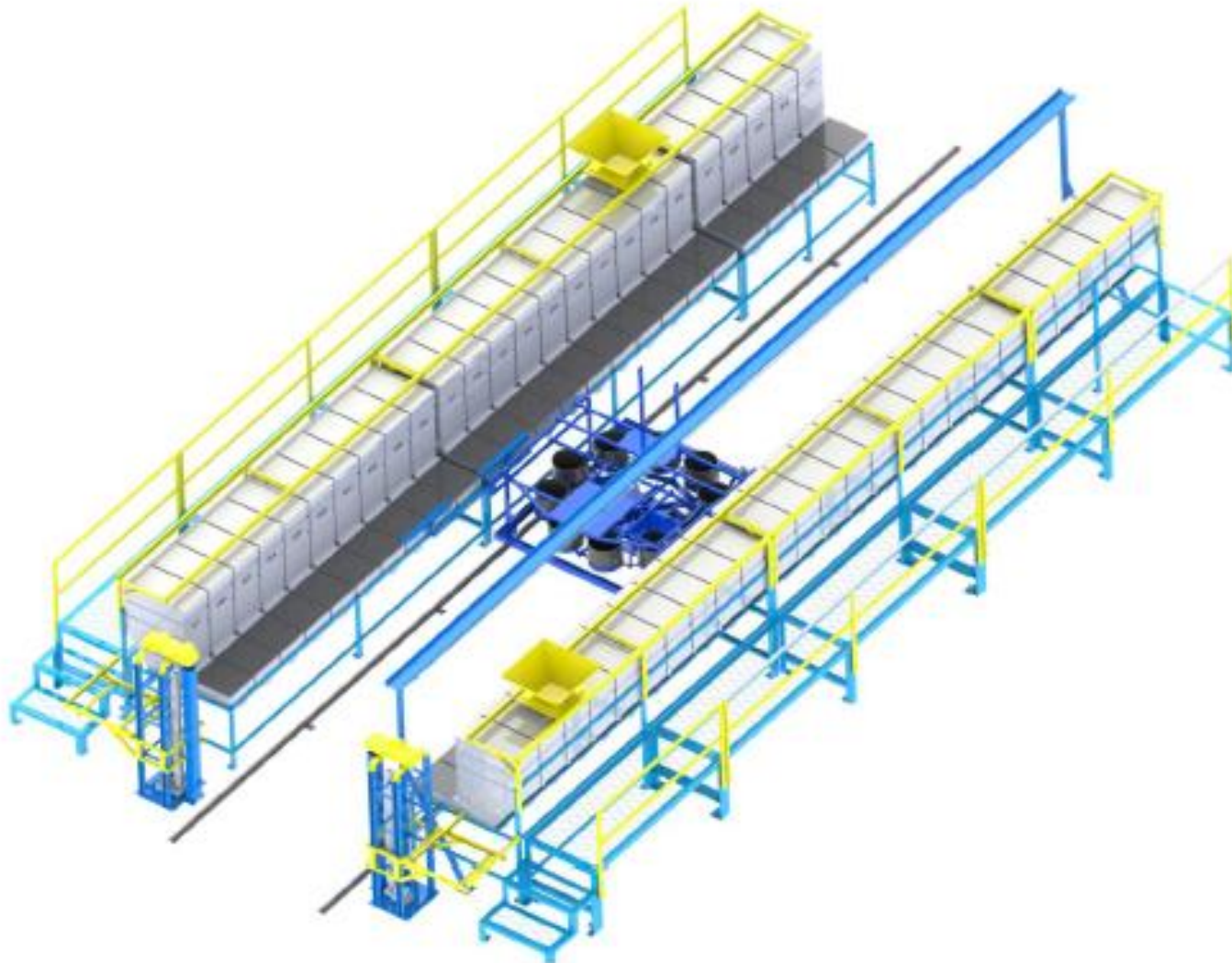
New Weighing System – Integration between ERP and SGQ 15.0



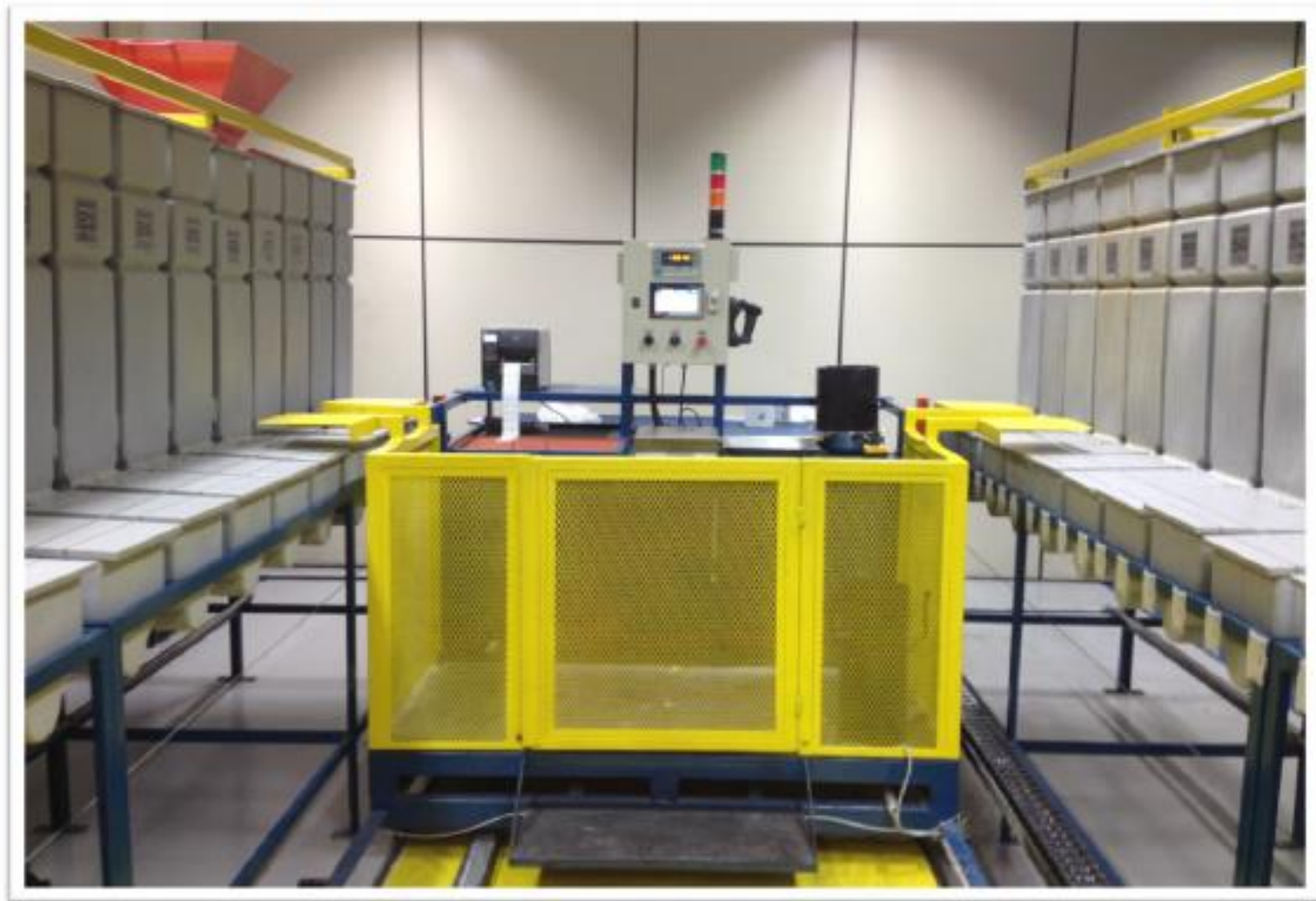
New Weighing System – Check Weight and Standard



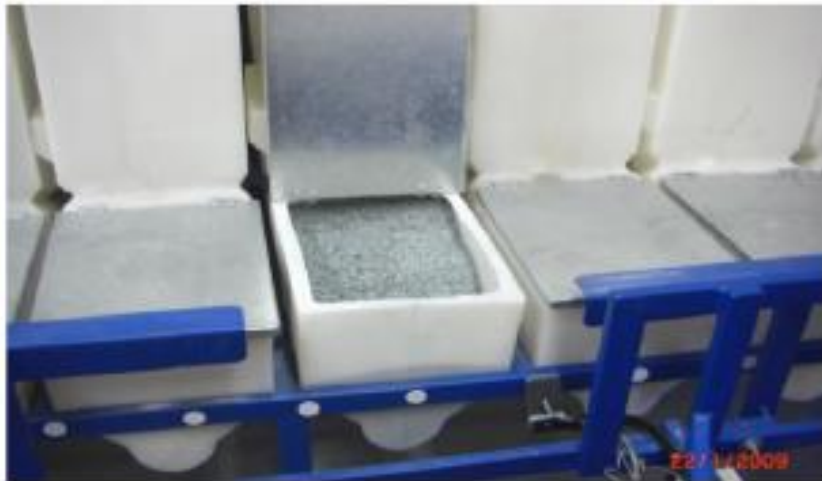
New Weighing System – Micro Dosing



New Weighing System – Micro Dosing



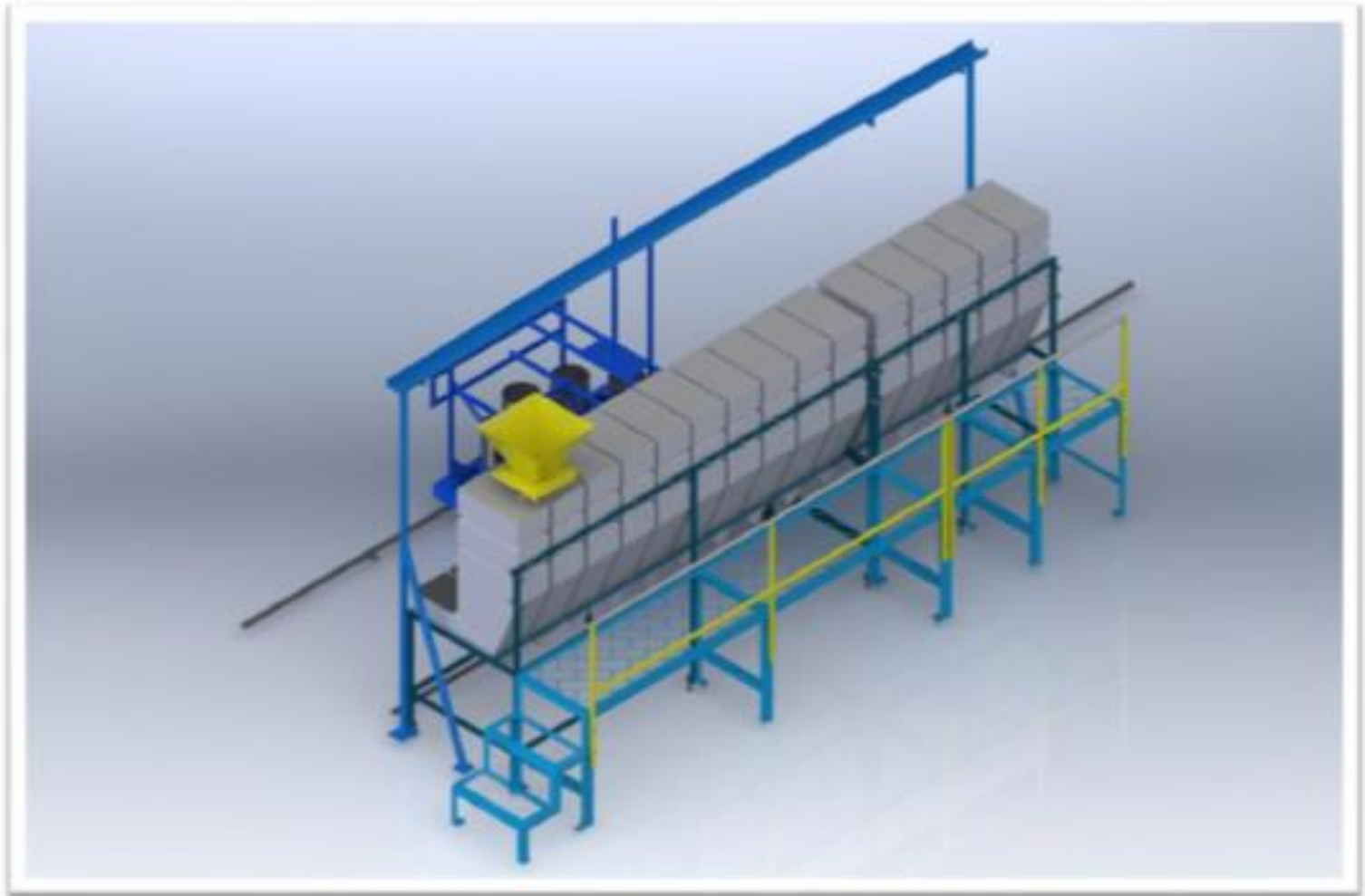
New Weighing System – Mechanical locking System



New Weighing System – Mechanical locking System



New Weighing System – Feeding the System



New Weighing System – Feeding the System



Weighing System – In Operation

