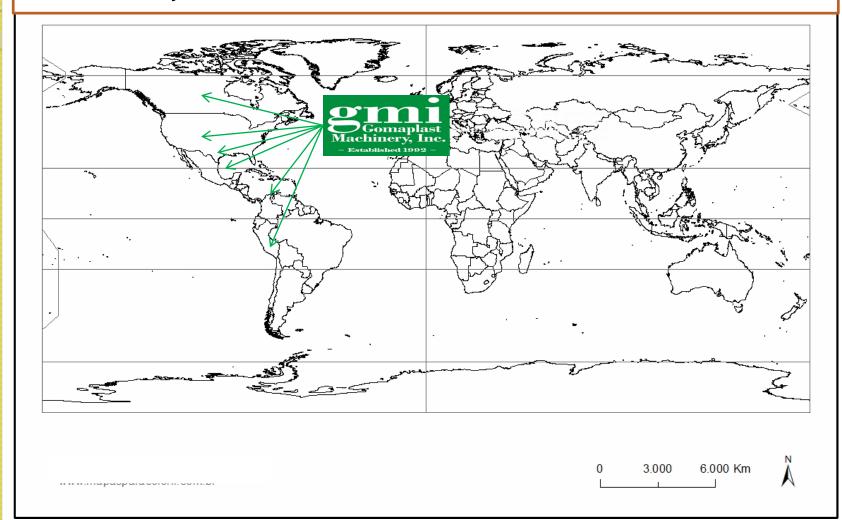


THE NEW WEIGHING SYSTEM

Past and Future of the Weighing System



2015 - .**Gomaplast** adds the production and marketing of Weighing Systems in Wooster, Ohio-USA to the rest of the World.





Industries for the Weighing System SGQ15.0:

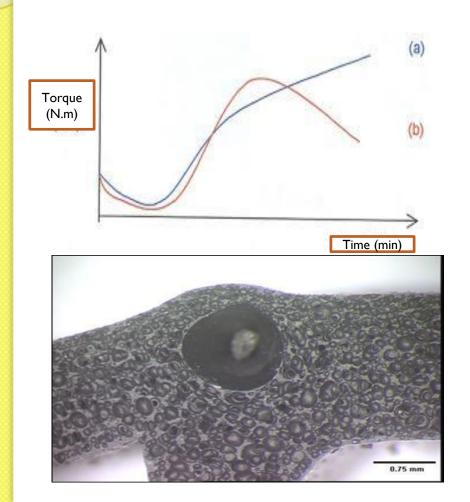
- Rubber & Plastics Industry
- Animal Feed Industry
- Food Industry
- Chemical Industry
- Pharmaceutical Industry
- Pigments Industry
- Cosmetics Industry



Consequences of Weighing Errors

Rheometric Curve Changes

Formulation Errors









Advantages of Our Weighing Systems

- SPEED & PRECISION
- 35% FASTER and MORE EFFICIENT for the following reasons:
 - Easier and more direct access to the bins.
 - Handles 06 to 10 equal recipes simultaneously.
 - Better operator visualization of the recipes on-screen.
 - Improved operator ergonomics, diminishing work strain.
 - Continuous weighing process, even during material feeding.
- ZERO CONTAMINATION RISK.
- PLASTIC (PE) CONTAINERS (BINS) with FI-FO (First-In, First-Out) system.
- PROPRIETORY SOFTWARE
- CONTROL REPORTS: partial and/or total (day);
- PRECISE CONTROL and MONITORING of the production stages.
- DATABASE recipe storage with full flexibility to amend and manage formulas.
- STOCK MANAGEMENT between tanks or silos.
- LABOR SUPERVISION: full labor supervision and management (who, when, where).



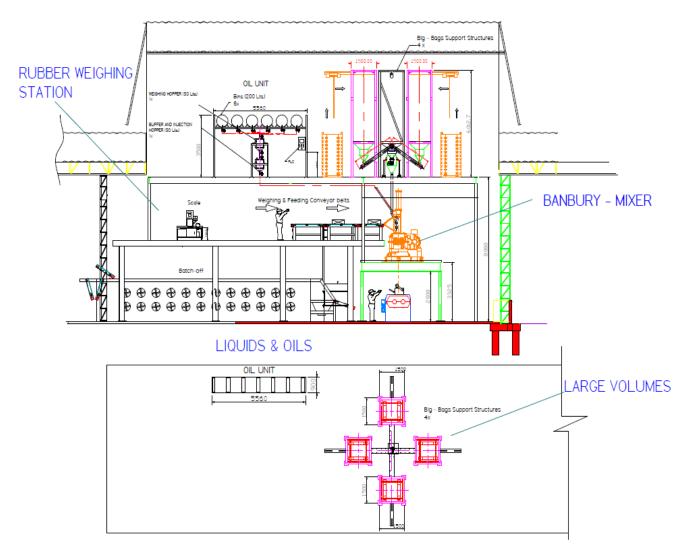
Areas of Application For Our Weighing System SGQ15.0:

- Small Volumes (Ingredients) or Micro-Dosing

 From 1 to 160 different ingredients
- Rubber Weighing Station Correct weighing and traceability
- Large Volumes Automatic weighing of Carbon Black and other materials, direct injection into silos, etc
- Liquids & Oils Automatic weighing of liquids/oils and direct injectiin 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 compound on the mixer after the Banbury

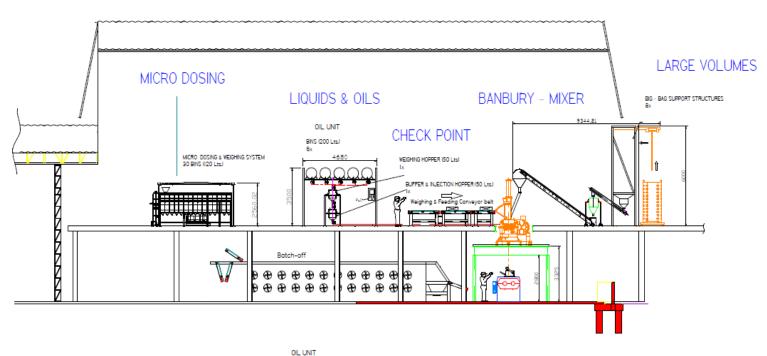


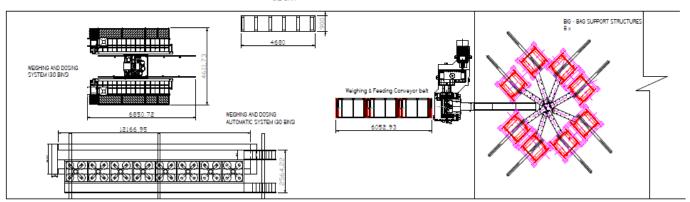
Areas For the Weighing System SGQ15.0:





Areas For the Weighing System SGQ15.0:







Weighing System for Small Ingredients Micro-Dosing





Weighing System - Large Volumes & Liquids



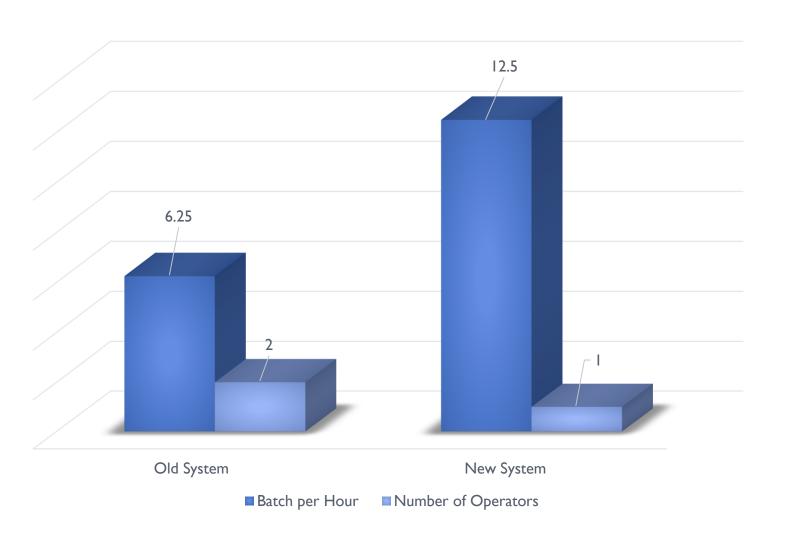


More Than 70 Partners Using Our Weighing Systems



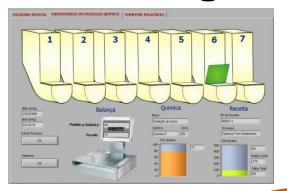


Productivity of Old "vs" New Weighing System

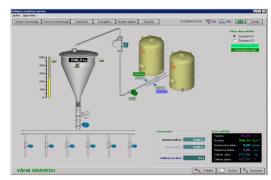




New Weighing System – All Modules







01 - Weighing - Micro Dosing



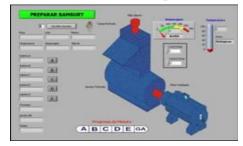
02- Weighing - Rubber



03- Weighing - Liquids



07 - Management - Cylinder



06- Management – Banbury

04- Weighing - Large Volumes



05- Weighing - Check Point



New Weighing System – Operator Screen





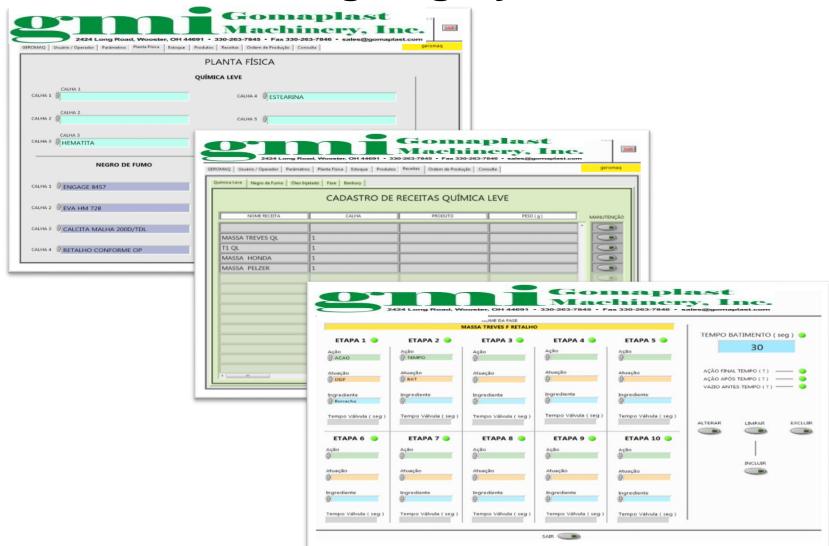
New Weighing System – Programming Recipes





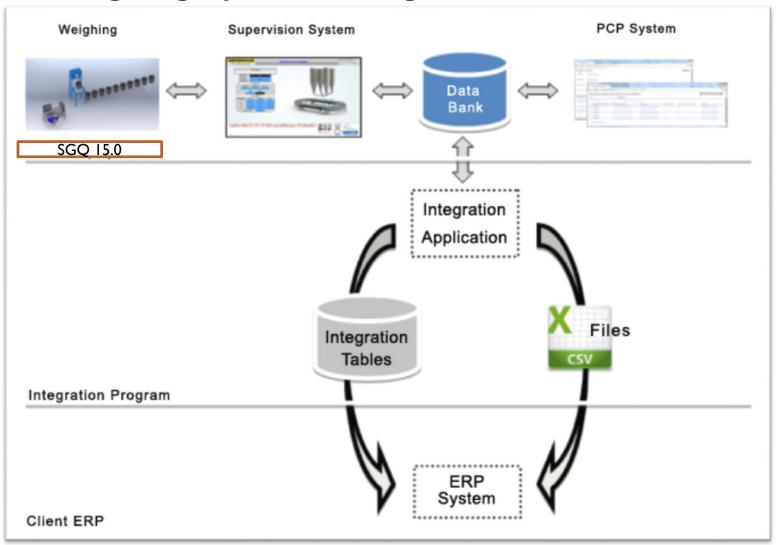


New Weighing System





New Weighing System - Integration of ERP & SGQ 15.0





Current Weighing Systems







Current Weighing Systems







Current Weighing Systems









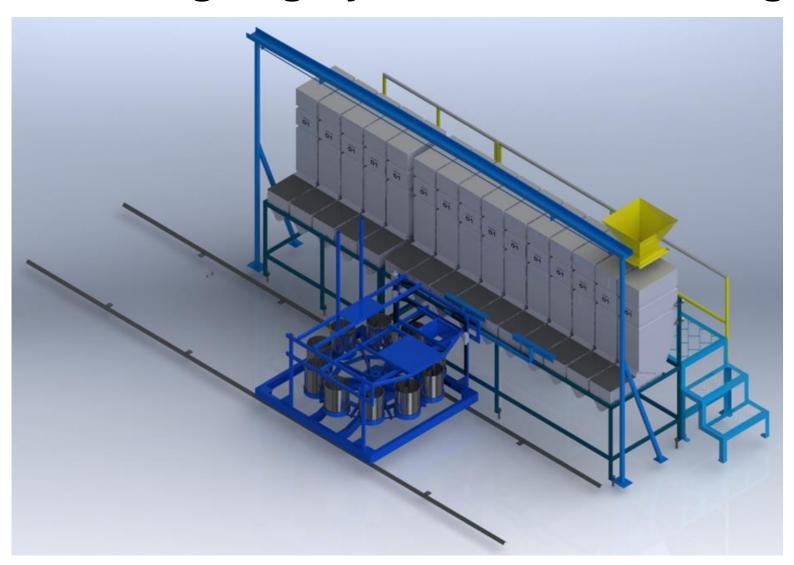


Weighing Systems

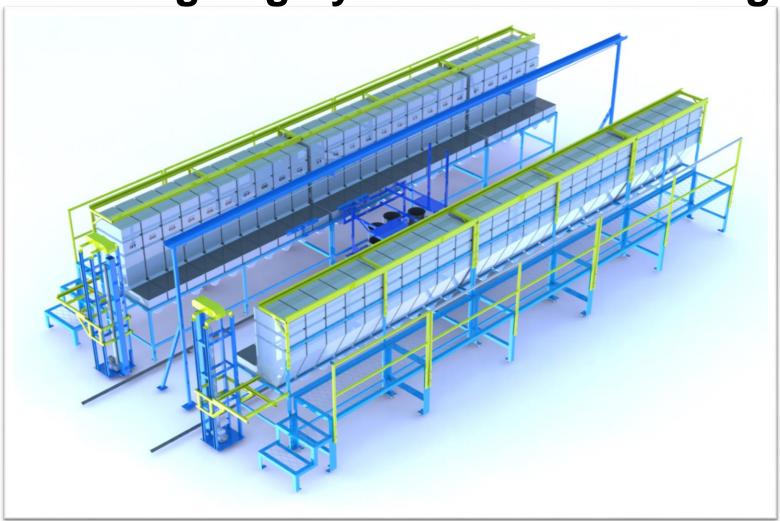
Current New



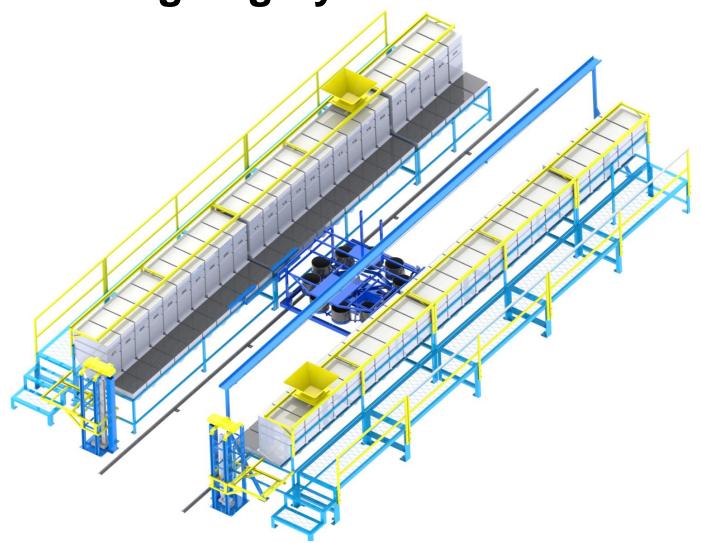












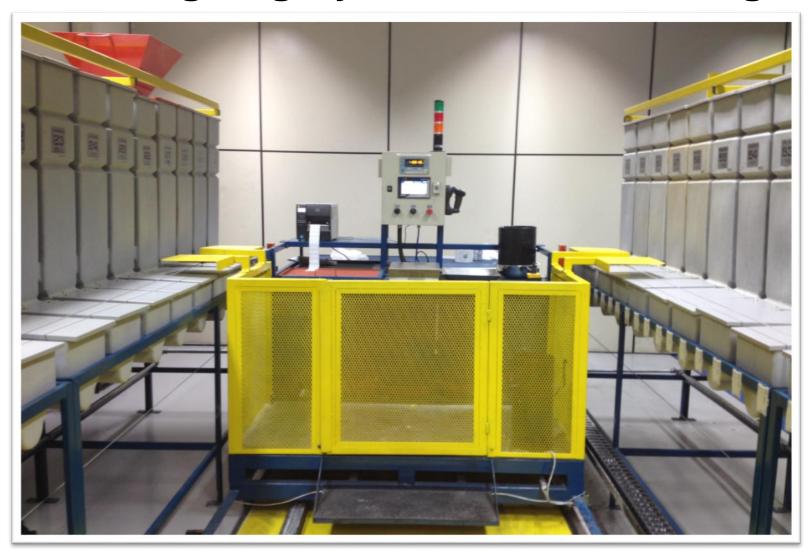














New Weighing System - Feeding Materials in Bins





Feeding Process

1. BAG Scan

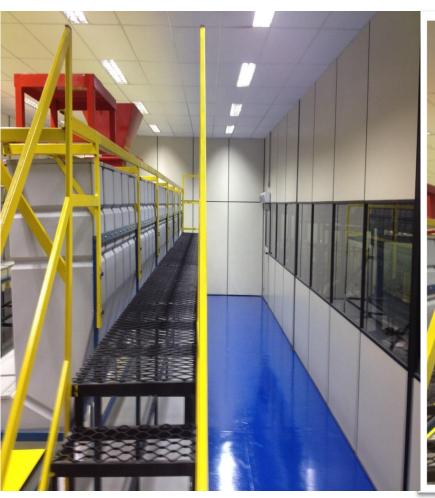
2. BIN Scan

3. TOP LID Scan





New Weighing System - Feeding System







New Weighing System - Feeding Materials in Bins

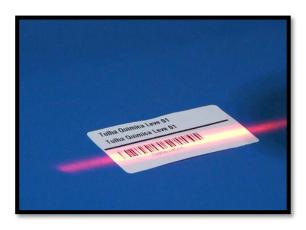
1. SCAN PRODUCT



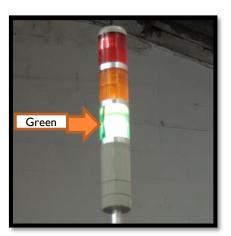
2. SCAN BIN



3. SCAN COVER



4. GREEN LIGHT



4. FEEDING

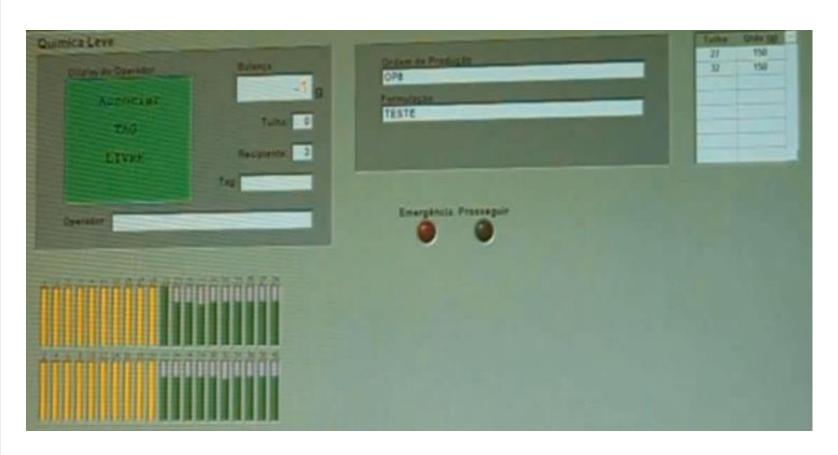


5. FINISHED FEEDING PROCESS



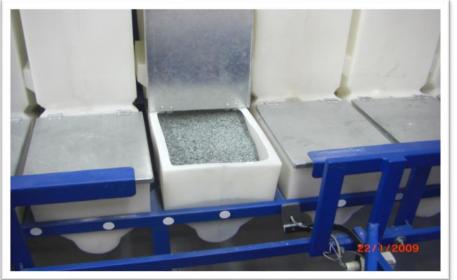


New Weighing System - Material in Bins





New Weighing System - Mechanical Locking System











New Weighing System - Mechanical Locking System











New Weighing System - In Operation







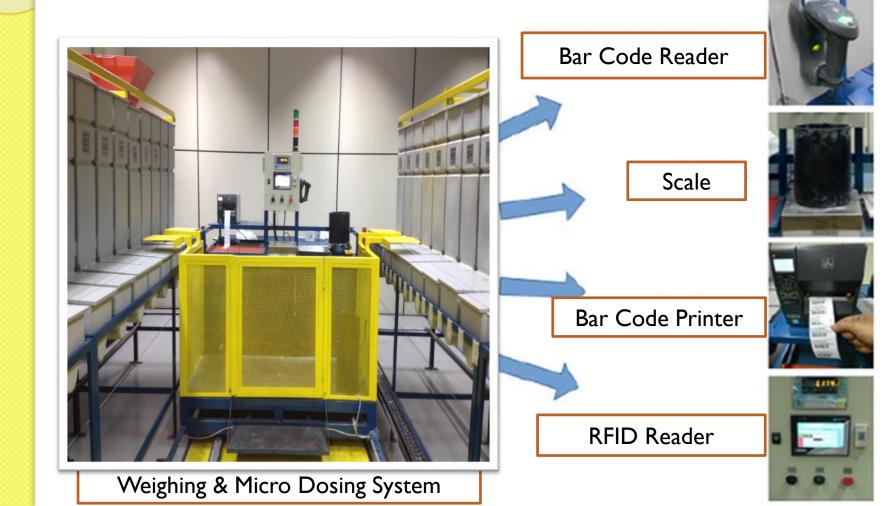


New Weighing System - In Operation





Easy Integration - Bar Code Reading & Printing





New Weighing System – Rubber Weighing Station



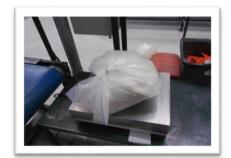


























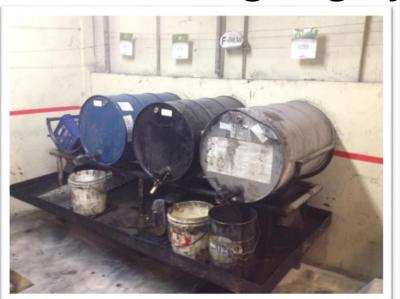








Current Weighing System - Liquids & Oils







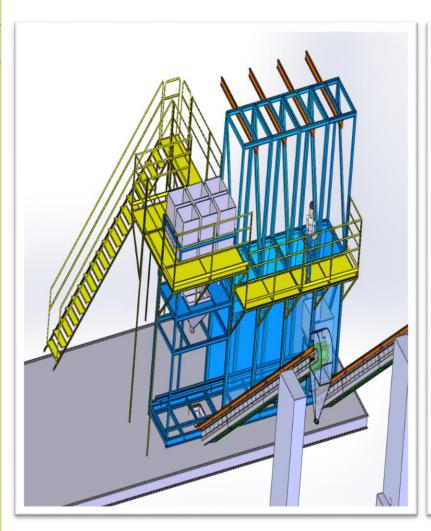


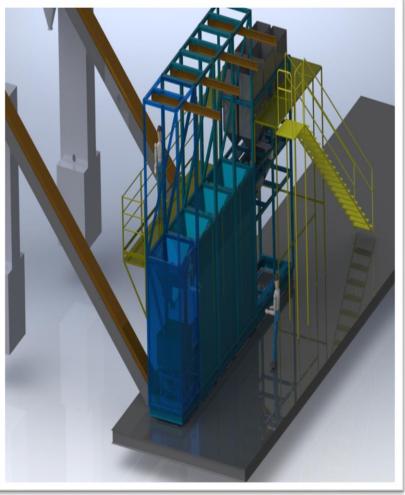
New Weighing System - Liquids & Oils





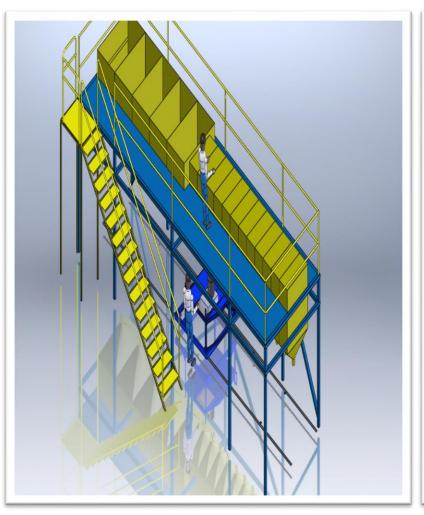
New Weighing System - Large Volumes

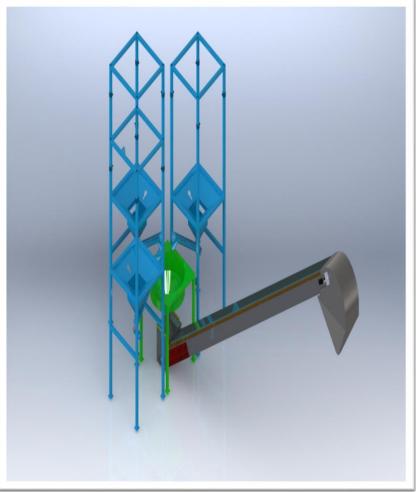






New Weighing System – Large Volumes







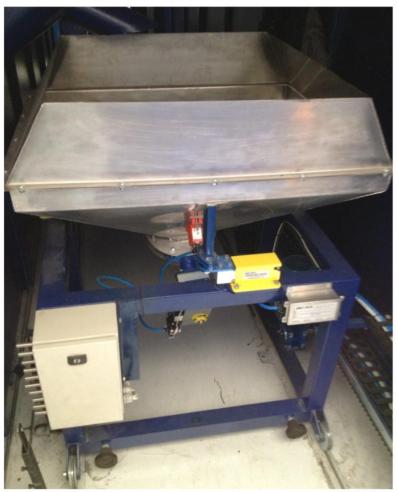
New Weighing System - Large Volumes





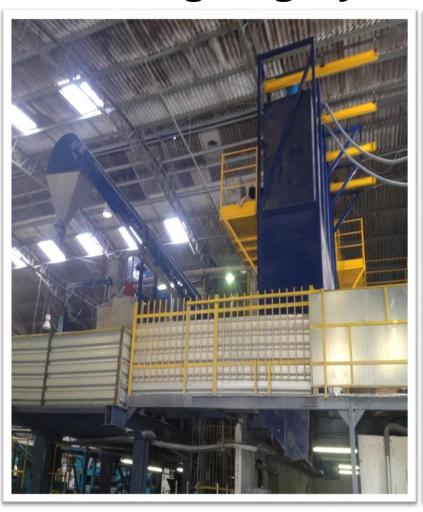
New Weighing System - Large Volumes







New Weighing System – Large Volumes







Weighing System - Check Point





Weighing System - Check Point





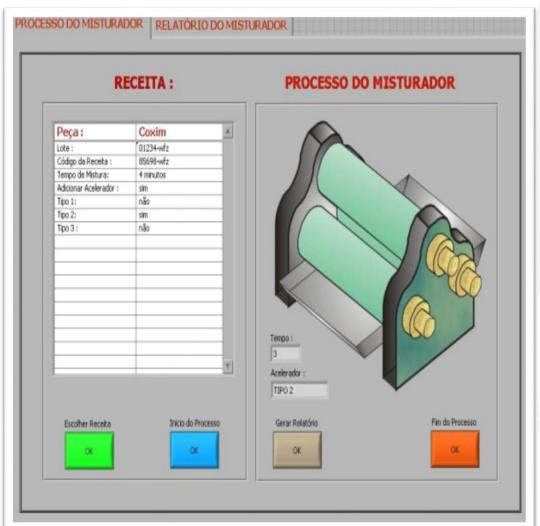
Large Volumes - Direct Discharge into Banbury







System for Tracking & Sequencing 2-Roll Mills











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