

# Overview of CJB



# Agenda

Overview

Liquid Production

Liquid Packaging

Solid Production

Solid Packaging

CJB Applied Technologies

# Overview

Formulation, milling, and packaging of  
Liquid and Solid Products

120 People in Valdosta, GA

- 80% of Managers Degreed
- 5 Chemical Engineers
- 1 PhD. Chemist

On 2 Class 1 Railroads

- CSX
- Norfolk Southern

Contact us via social media



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# Liquid Production



## Mixing Tanks

- Stainless Steel Tanks with Agitation
- Stainless Steel Jacketed Tanks with Agitation
- 2,200 gallon Polypropylene Tank
- 6,000 gallon Polypropylene Tanks with Teflon Coated mixer
- High Speed Cowles Shear Mixing
- 8" Rotor-Stator Homogenizer
- Improved Water Temperature Control Capacity

## Horizontal Media Mills

- 60 liter Premier Mill
- 7 - 45 liter CMC - Mills
- 7 -120 liter CMC Mills
- 150 liter High Energy Netzsch Mill

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# Liquid Packaging



Single and multi-head filling lines packaging from 4 ounces to 5 gallons with bottom-up capability

Semi-Automatic Tote/Drum/Pail filling

Multiple lines set-up with:

- Induction Sealing
- Labelers
- Ink-Jet Printing
- Case Erectors
- Palletizing
- Stretch wrapping
- Additional specialty packaging equipment
- Check Weighers
- Real Time monitors

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# Solid Production



2 - 30 ft<sup>3</sup> Stainless Steel Dual Shell V-Blenders

45 ft<sup>3</sup> Carbon Steel Paddle Blender

260 ft<sup>3</sup> Carbon Steel Ribbon Blender

65 ft<sup>3</sup> Carbon Steel Ribbon Blender  
(with vacuum and jacketed)

Munson & Rollo Mixers:

- 200 ft<sup>3</sup> Continental Rollo Mixer
- 250 ft<sup>3</sup> Stainless Steel Clad – Spray Bar
- 4'x1' Stainless Steel Continuous Mixer
- 6'x2' Carbon Steel Continuous Mixer  
(Integrated System)

Vibratory Fluidized Bed Conveyor Dryer

1,200 liter Littleford Stainless Steel Plowshear Mixer

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2 Allfill Auger Fillers  
Vic Systems Auger Valve Bag Filler  
Vic Systems Air Valve Bag Filler  
Acrison Volumetric Feeders  
Super Sack Filling  
Vibratory Weigh Scale Filling  
(1/2 lb to 5 lb)  
2- Drop Open Mouth Bag Filling Line  
(5 lb to 50 lb)

Multiple lines set-up with:

- Induction Sealing
- Labelers
- Vibratory screener
- Ink-Jet Printing
- Case Erectors
- Palletizing
- Stretch wrapping
- Additional specialty packaging equipment
- Check weigher

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## Laboratory Services

- Formulation Development
- Production Development And Optimization
- Lab Trial Batch Production
- Third Party Verification

## Pilot Plant Production

- (2) 500 Gallon 316 Stainless Steel Reactors
- 450 Gallon 316 Stainless Steel Reactor
- High Shear Cowles Mixers
- 15-Liter Horizontal Media Mill
- 45-Liter Horizontal Media Mill
- Homogenizer
- Coat And Mix Dry Products
- Make Marketing Batches From 3 To 450 Gallons