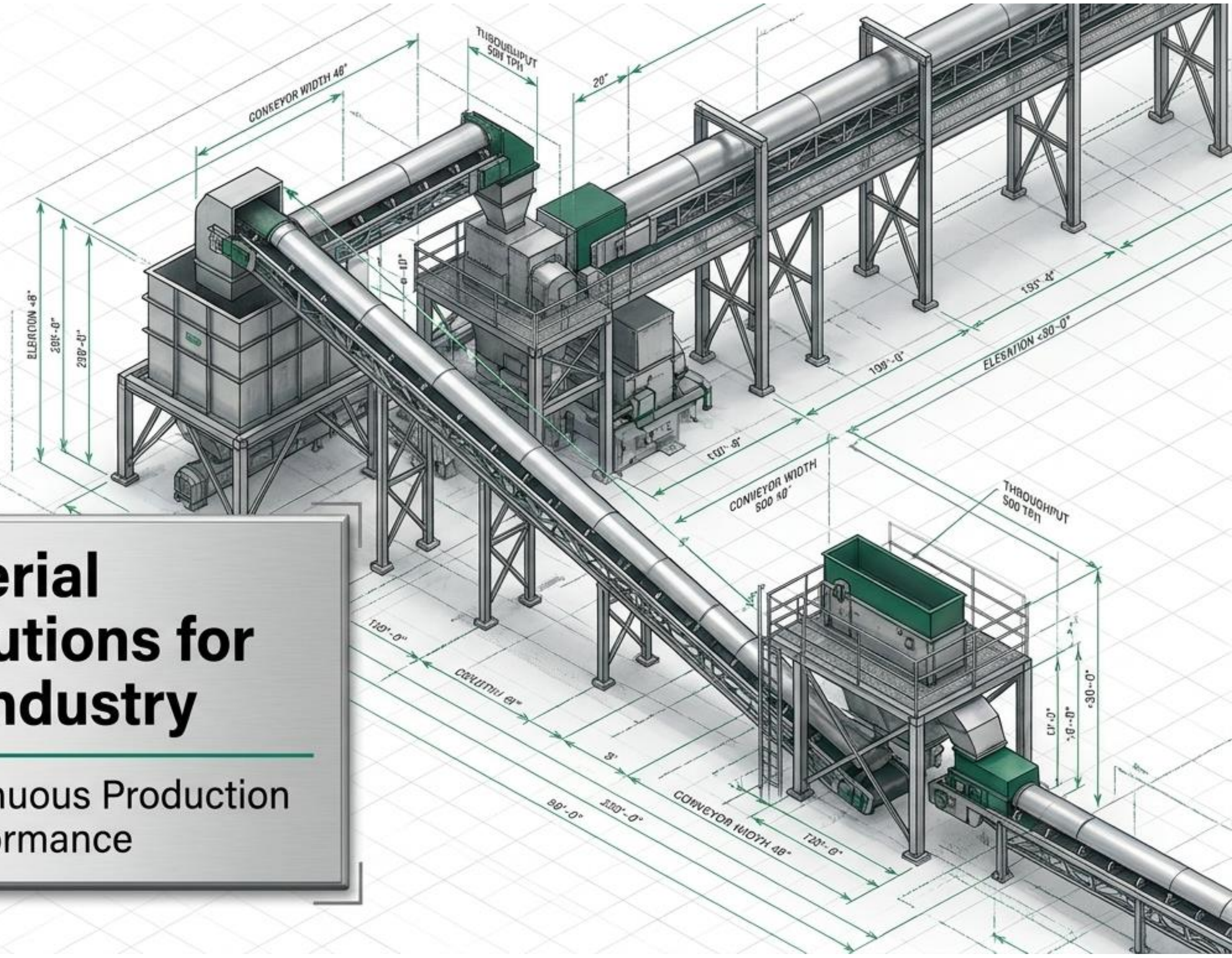




# Reliable Material Handling Solutions for the Ethanol Industry

Engineered for Continuous Production & Optimal Plant Performance





## The Industry Mandate

Ethanol facilities require efficient, dependable systems to support continuous production and optimize plant performance.

## The Operational Requirement

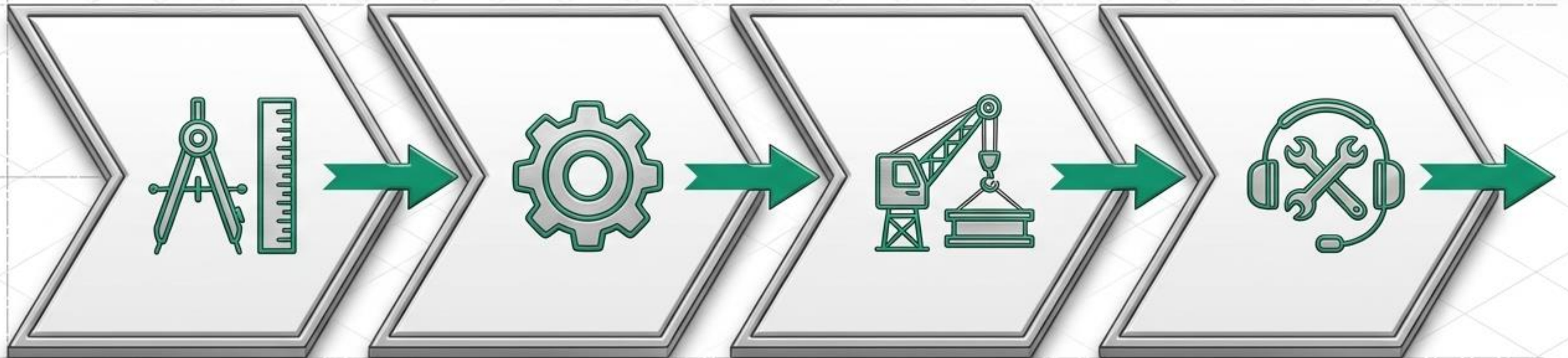
Smooth, uninterrupted movement of raw materials, fuels, and by-products at every stage.

## The SVE Solution

High-performance bulk material handling engineered to improve efficiency, minimize downtime, and support uninterrupted operations.



# End-to-End Industrial Expertise



## **Custom Engineering**

Tailor-made solutions designed to integrate seamlessly with unique production capacities and process layouts.

## **Precision Manufacturing**

Heavy-duty equipment built using premium-quality materials and precision engineering for long service life.

## **Installation & Commissioning**

Comprehensive project execution and support to ensure systems are operational and integrated perfectly.

## **Dedicated Support**

Ongoing technical and after-sales service to maintain dependable, long-term performance.



# Comprehensive Material Capabilities



## Raw Feedstocks

- Grains (Maize, Corn, Rice and Others)
- Sugarcane Bagasse



## Fuels & Minerals

- Biomass Fuel
- Coal
- Limestone



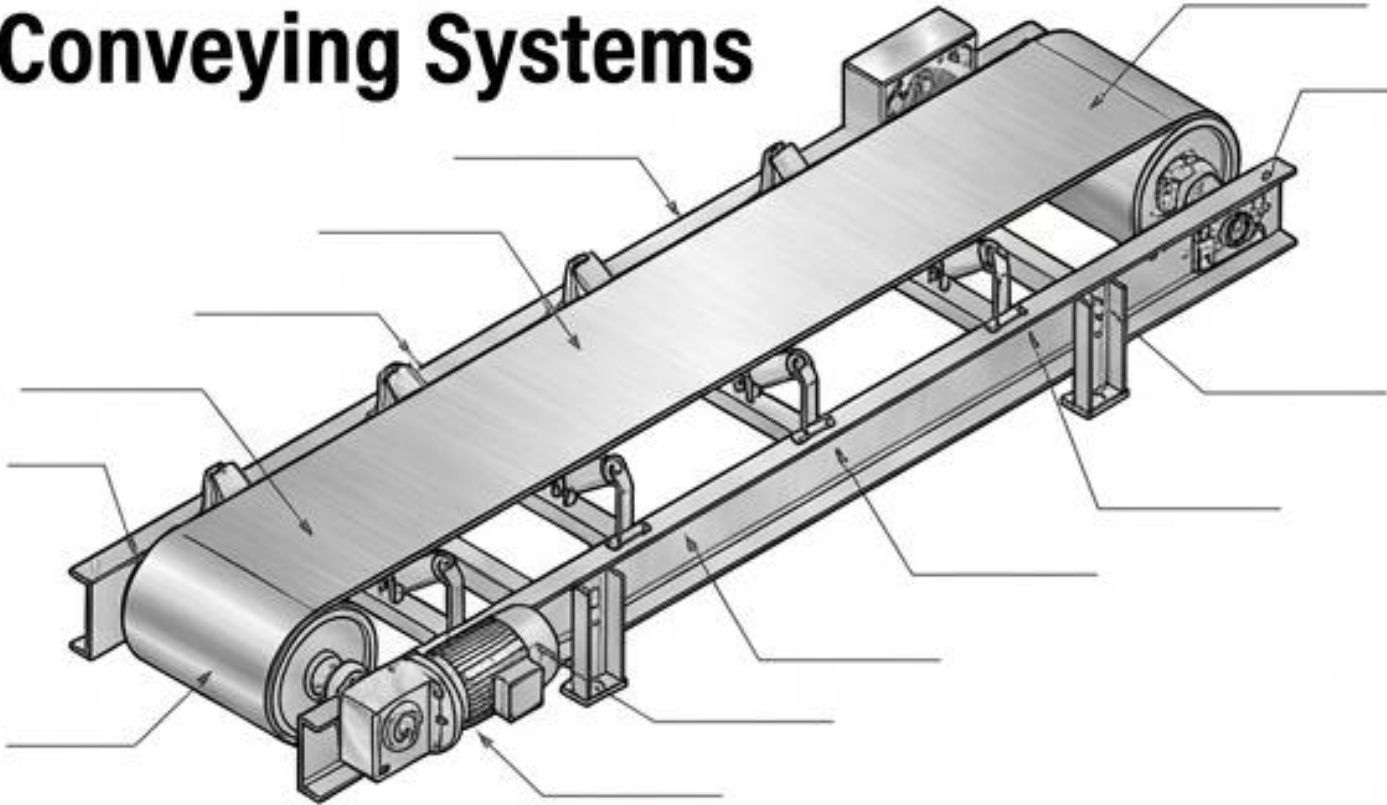
## Ash & By-Products

- DDGS (Distillers Dried Grains with Solubles)
- Fly Ash, Bottom Ash & Boiler Ash
- Fermentation Residues
- Industrial By-products



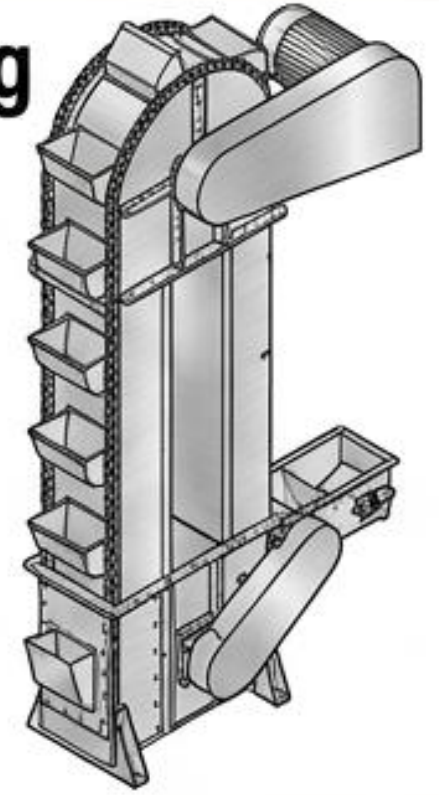
## Engineered Equipment Portfolio

### Conveying Systems



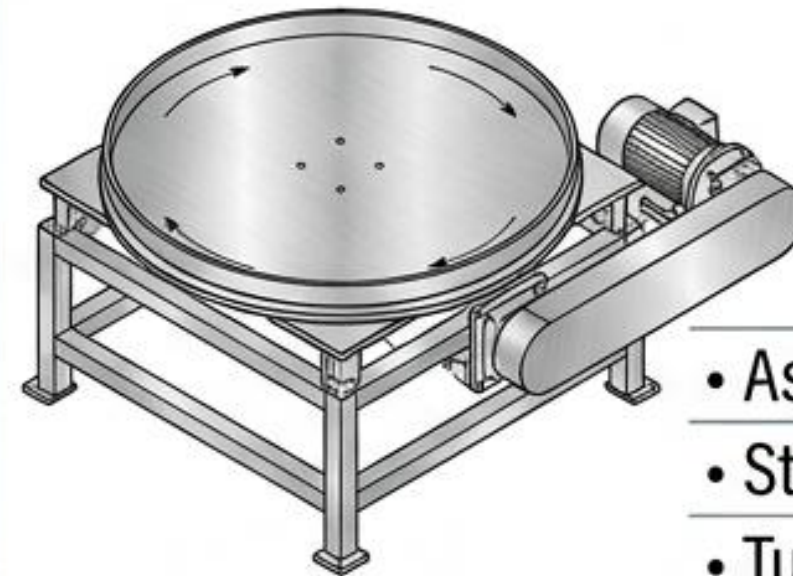
- |                   |                     |
|-------------------|---------------------|
| • Belt Conveyors  | • Roller Conveyors  |
| • Screw Conveyors | • Tripper Conveyors |
| • Chain Conveyors | • Shuttle Conveyors |

### Elevating & Feeding



- Bucket Elevators
- Belt Feeders
- Screw Feeders

### Specialized Handling



- Ash Conditioners
- Stacker Systems
- Turn Tables

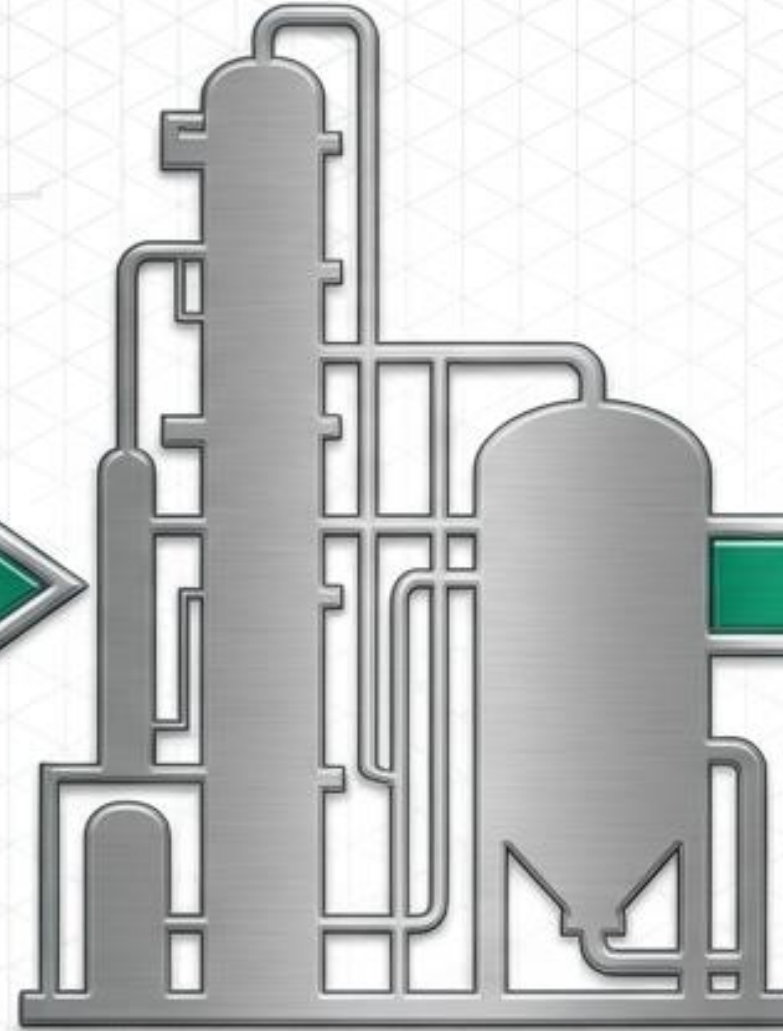
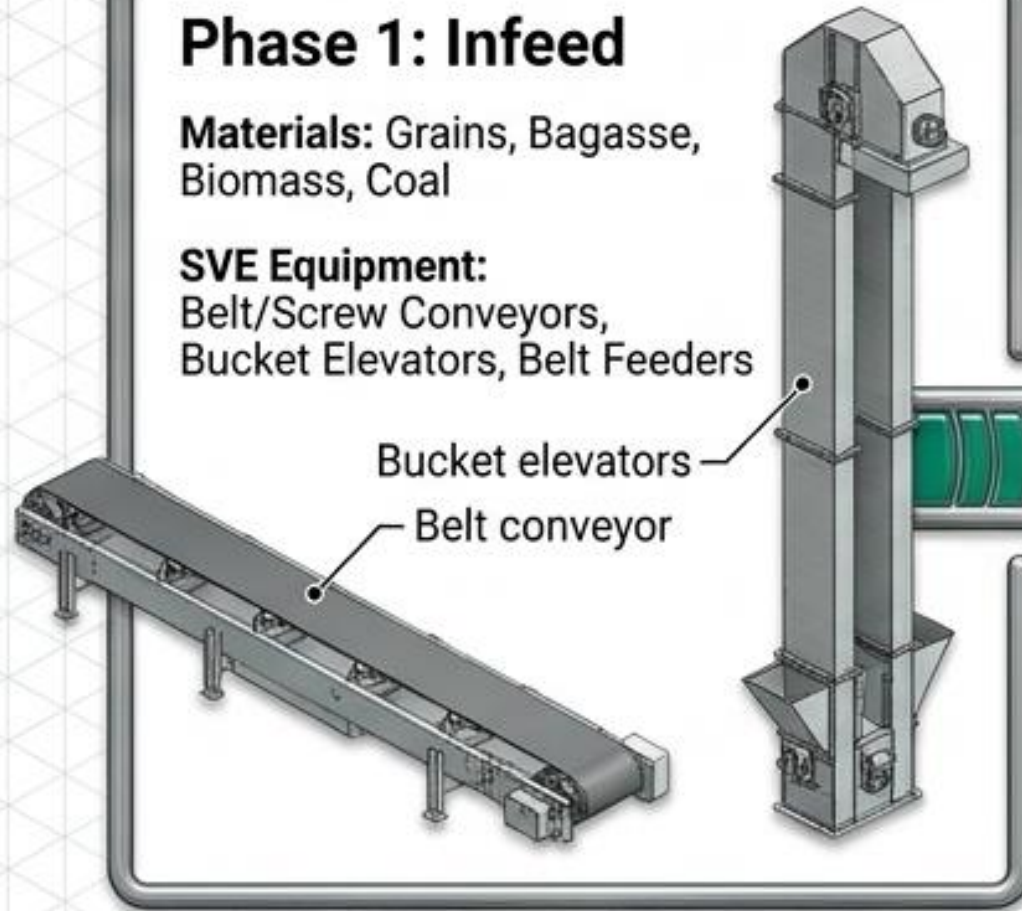


# Integrated Plant Material Flow

## Phase 1: Infeed

**Materials:** Grains, Bagasse, Biomass, Coal

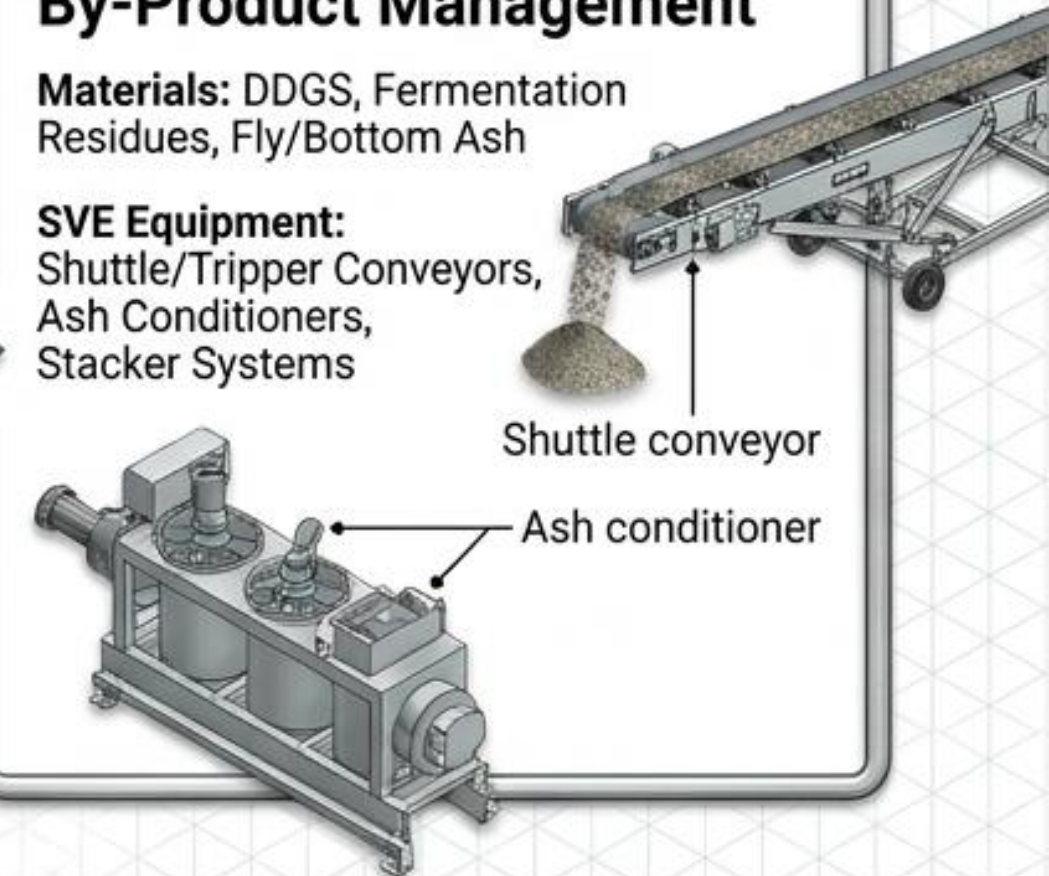
**SVE Equipment:**  
Belt/Screw Conveyors,  
Bucket Elevators, Belt Feeders



## Phase 3: Outfeed & By-Product Management

**Materials:** DDGS, Fermentation Residues, Fly/Bottom Ash

**SVE Equipment:**  
Shuttle/Tripper Conveyors,  
Ash Conditioners,  
Stacker Systems





# Engineered for Excellence



**Reliable & Continuous  
Handling**



**Custom-Engineered  
Solutions**



**Heavy-Duty  
Construction**



**Safe & Reliable  
Operation**



**Energy-Efficient  
Design**



**Increased Plant  
Productivity**



**Longer  
Equipment  
Service Life**



**Reduced  
Maintenance  
Downtime**



**Lower  
Operating  
Costs**



# Driving Operational ROI

## Improving Production Efficiency

### High-Capacity Handling

Transports large volumes of bulk materials safely and consistently.

### Uninterrupted Production

Optimized systems ensure the smooth, constant movement of raw materials, fuels, and by-products.

## Lowering Operating Costs

### Reduced Downtime

Precision engineering and heavy-duty construction maximize equipment availability.

### Lifecycle Savings

Energy-efficient designs and highly durable components actively reduce power consumption and maintenance expenses.



# Built for Demanding Industrial Environments



Fully enclosed and specialized designs to handle abrasive and particulate-heavy materials without failure.



Engineered to move massive, continuous volumes of raw bulk materials and dense by-products.



Rated for relentless, around-the-clock facility uptime with minimized maintenance interruptions.



# Integrated Safety & Pollution Control





# Why Ethanol Producers Choose SVE Engineers

## Checklist of Excellence



**Proven Expertise:** Deep experience specifically in bulk material handling systems for ethanol.



**High Quality Standards:** Uncompromising manufacturing precision for heavy-duty, reliable equipment.



**Efficient Project Execution:** From initial engineering through manufacturing, installation, and commissioning.



**Long-Term Performance:** Cost-effective lifecycle solutions backed by dedicated engineering and technical support.



## Partner with SVE Engineers

Delivering reliable material handling solutions that improve efficiency, enhance productivity, and support sustainable biofuel production.

Supporting New Ethanol Production Facilities & Existing Plant Expansions

Contact our engineering team today to discuss your ethanol industry requirements and discover the right material handling solution for your facility.