



**Integrated Food and Beverage  
Manufacturing Solutions**

# Integrated food and beverage manufacturing solutions



**Food ingredients**



**Bakery and confection**



**Pastas**



**Pet food**

**AGI** offers a full menu of food and beverage manufacturing solutions, each of which can be tailored to meet your specific needs, and your budget. From standalone offerings to providing full turnkey solutions, our team has the experience and expertise to help you succeed.



**Meat and seafood**



**Liquids and beverages**



**Grains and pulses**

# Working with AGI offers a wide array of benefits

## One partner to support you throughout the process

When you choose AGI, you gain a dedicated partner who works as an extension of your team, aligning with your goals, standards, budgets, and timelines.

## Global footprint

We leverage our global expertise to better navigate different operating environments, and ensure there are no roadblocks to getting your project up and running – no matter where in the world it might be.

## Standalone, integrated and turnkey solutions

AGI will work with you in a way that complements your current structure. We can work on select scopes or stages of your project, or manage your entire project for you.

## Comprehensive capabilities and equipment

Decades of experience in the food and beverage industry, combined with AGI's proven expertise in manufacturing equipment and products, ensures industry-leading quality across every aspect of your project.

## AGI food capabilities

- Consulting
- Engineering
- Project Management and Execution
- Equipment Supply



- Millwrighting and Installation
- Turnkey Solutions
- After Sales Service

# Consulting

## Solutions that outperform

At AGI, factory and process consulting is at the core of our business; whether we are executing every facet of your project, or simply providing the expert advice to help you achieve your goals.

Our teams of engineers and project managers will work with you to understand your needs and provide best-practice solutions that meet your challenges head-on. From upgrading an existing process or facility to planning for a new opportunity, AGI specializes in providing custom, turnkey solutions including system design, installation, and ongoing support.

- **Proven project management methodology.** Our teams use industry-proven benchmarks and models to help determine budgets and project timelines quickly and accurately.
- **Latest technologies and best practices.** These include clean design, machine and life safety considerations and process optimizations.
- **Flexible, creative, and agile teams.** Rely on our experienced teams to deliver on time, on brief, and on budget.
- **Industry expertise.** Our teams leverage both their knowledge of industry best practices and their track record of executing past projects, blending global experience with local expertise to add value to your food and beverage project initiatives.

## AGI consulting services

- Knowledge services
- Process optimization
- Energy and utility analysis
- Energy feasibility studies
- Master planning
- Capital budgeting
- Project charters
- Concept development
- 3D scanning and modeling
- Preliminary process flow drawings
- Requirements analyses
- Concept assessments and evaluations
- Basic (preliminary) engineering
- Business planning
- Benchmarking



# Engineering

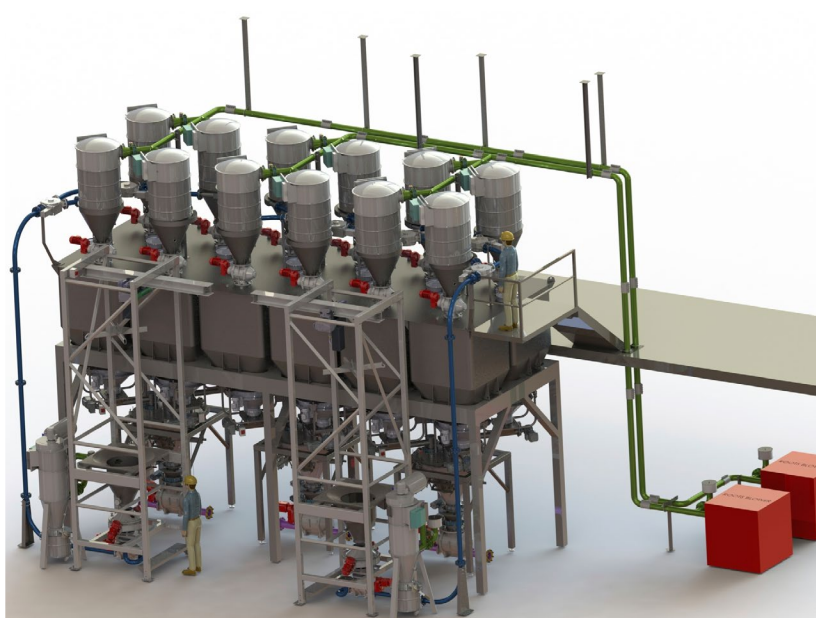
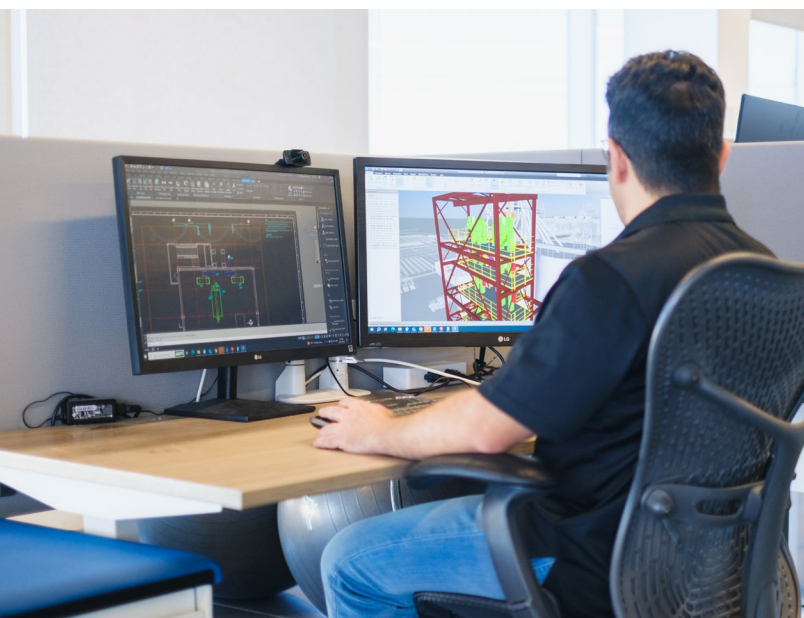
## Flexible and compliant solutions

Whether you need a single system or process or complete engineering for your project, our teams specialize in delivering custom, turnkey solutions that are optimized at every stage of development. Decades of experience completing multi-disciplined engineering projects across the globe assures you of a solution that meets your needs for efficiency, cost, timing, and regulatory compliance. Our goal is to maximize both system performance and your return on investment.

AGI's expertise in food safety is a key advantage, as well. Our clean-design approach, coupled with our knowledge of Food and Drug Authority (FDA) and Canadian Food Inspection Agency (CFIA) regulations, means you can rely on us to help guide you through all compliance requirements. Choose AGI Engineering services for your next project, and enjoy the best of both worlds: the experience and capabilities of a large engineering firm, and the personalized service and agility of a smaller one.

## AGI engineering services

- Process data and requirement analysis
- Development and evaluation of design options
- Preliminary and detailed engineering drawings (layout and elevations)
- Equipment integration and specifications
- Process flow diagrams and piping and instrumentation diagrams
- Structural and site planning
- Sequence of operations and control systems design
- 3D scanning and modeling
- Production and operational support
- Installation support and equipment staging
- Project charters, planning, and scheduling
- Compliance with regulatory standards (e.g., FDA, CFIA)
- Risk management and project execution
- System commissioning and startup
- Post-installation services, including validation and maintenance



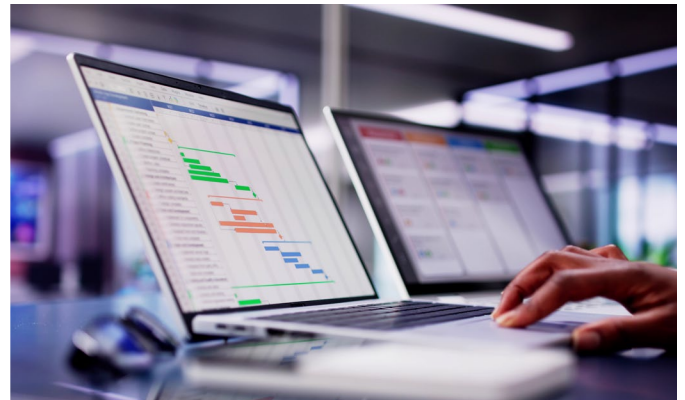
# Project Management and Execution

## Proven methodologies for success

AGI's knowledgeable project teams are ready to provide professional and proactive project management and execution throughout the design and implementation process. We execute every project according to our Project Lifecycle Methodology, to ensure that all scope, budget, and timeline objectives are met. And we're also able to draw on our extensive network of multifunctional third-party experts for specific technical expertise.

## AGI project management services

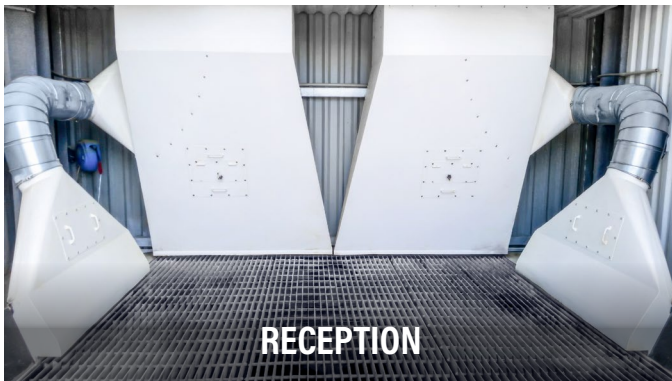
- Project charters
- Project planning
- Risk management and mitigation
- Detailed project scheduling
- Resource and capacity planning
- Project status reporting
- Third party/supply chain management
- Stakeholder escalations



# Equipment Supply

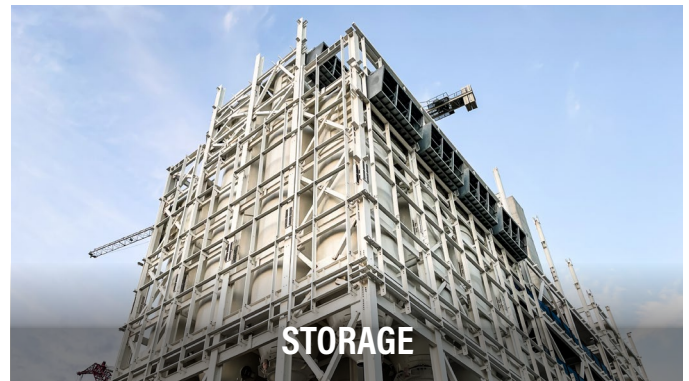
## Custom-designed. Optimized. Safe. Clean.

AGI offers a vast selection of food and beverage manufacturing equipment solutions to meet your production needs – each designed and built to meet and exceed the highest standards of operator safety, food safety, production uptime, and maintenance simplicity.



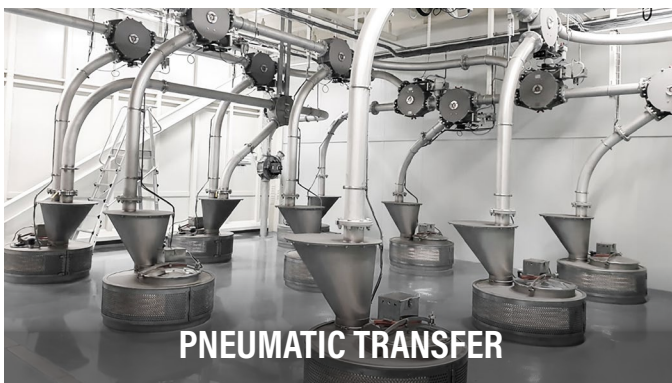
**RECEPTION**

AGI material handling reception systems for the unloading of dry grains and powders provide an efficient, automated solution for receiving and transferring bulk materials directly from trucks into storage or processing systems. These reception pits are designed to enhance operational efficiency, reduce labour costs, and improve safety by minimizing manual handling.



**STORAGE**

AGI storage solutions are custom-engineered to meet the specific needs of your plant, ensuring optimal storage capacity, food safety, and operational efficiency. These solutions are designed to store bulk dry materials, such as grains, powders, and other food ingredients, securely and efficiently, minimizing contamination risk and maintaining product integrity.



**PNEUMATIC TRANSFER**

AGI pneumatic conveyors are ideal for the bulk material transfer of challenging food products. These include materials that are difficult to handle due to their fine nature, irregular shape, or tendency to clump or bridge.



**HANDLING**

The main benefit of AGI belt conveyors, drag conveyors, bucket elevators, and bulk bag unloaders is their ability to efficiently handle a wide range of bulk materials while maintaining hygienic, consistent, and safe operation. These systems offer smooth, reliable material transfer that helps minimize downtime and ensure compliance with food safety standards.

# Equipment Supply



AGI dosing equipment provides precise and consistent measurement of ingredients, ensuring accuracy, minimal waste, and compliance with food safety regulations. These systems enhance product quality and streamline production by controlling your ingredient flow accurately and safely.



AGI mixers and mixing systems achieve a uniform, consistent blend of ingredients while maintaining food safety and product quality. These systems enhance process efficiency, reduce waste, and optimize production time.



AGI hammer mill systems achieve efficient size reduction for a wide range of food ingredients, ensuring consistency and enabling easier processing of raw materials. These mills help improve the texture, dissolution, and overall quality of the end products.



AGI sifting and classification systems ensure product purity and consistency by efficiently removing oversized particles, contaminants, and foreign materials. This leads to higher product quality, improved processing efficiency, and compliance with food safety standards.

# Millwrighting and Installation

## Millwrighting

AGI's highly trained and fully certified millwrights and technicians lead the industry in the areas of human safety, clean design, and food safety. We focus on regulatory compliance, facility continuity, and meeting customers' safety standards. Our goal is to ensure every site location remains safe, clean, organized, and operating efficiently at all times.

### Services:

- Mechanical
- Structural
- Plumbing
- Fabrication
- Crane and rigging
- Welding specialties
- Skilled supervisory services

## Installation and relocation

Whether you are adding to or upgrading an existing facility, or launching an entirely new operation, we have you covered.

We understand the specific requirements and challenges related to food safety standards (like HACCP), when commissioning equipment, sanitation, equipment calibration, and operational efficiency in food production environments. Working closely with the general contractor and other stakeholders, we offer a tailored and turnkey solution delivery approach that ensures seamless integration of food processing equipment with the facility's infrastructure, including utilities.

### Services:

- Erecting and rigging
- Equipment installation, dismantling, and relocation
- Line relocations
- Facility startup
- Waste management
- Precision equipment setting
- Structures
- Fabrication
- Conveyor systems
- Heavy hauling
- Demolition
- Sanitary piping



# Turnkey Solutions

## One partner, multiple advantages

Our experienced project managers, engineers, and designers are skilled at implementing turnkey solutions, ranging from engineering to equipment installation to managing food facility expansions. We can provide the total solution from a single source, carefully tailored to accommodate your unique needs and goals. Our ability to manage all phases from concept to execution simplifies the process for customers, offering cost savings and minimizing risks.

- **Full-service approach.** Rely on AGI for integrated solutions including custom design, fabrication, third-party management, supply, installation, and after-installation services. Our team works as an extension of your team to ensure successful project design and implementation.
- **Food industry expertise.** We are exclusively focused on the food industry and have the know-how to provide clean designs that best meet food safety standards.
- **Lower risk.** Risks are managed, mitigated, and owned by our team.
- **Global presence.** We draw upon our knowledge and experience gained from completing projects around the world, so you get the benefit of both our global expertise and localized service.

## AGI turnkey solutions services

### In-house

- Liquid skids
- Clean-In-Place (CIP) skids
- Clean-Out-of-Place (COP) tanks
- Processing tanks
- Conveyor equipment
- Mechanical fabrication
- Rigging equipment
- Electrical design and integration
- Platform
- 3D scanning and 3D modeling
- 2D modeling
- Storage silos

### Outsourced

- Controls and programming
- Concrete work
- Freezer panels
- Fire safety
- Flooring, epoxy, and dairy brick tiles
- Building modifications
- Electrical installation and controls
- Civil engineering and construction
- Pre-start health and safety review
- Plumbing



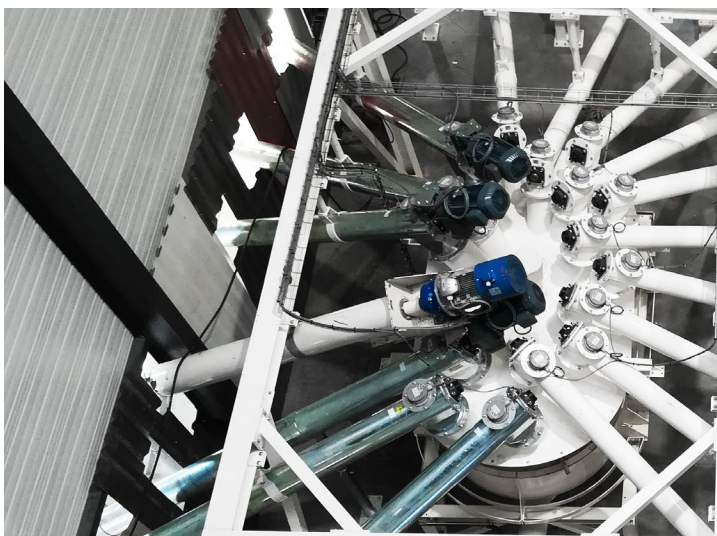
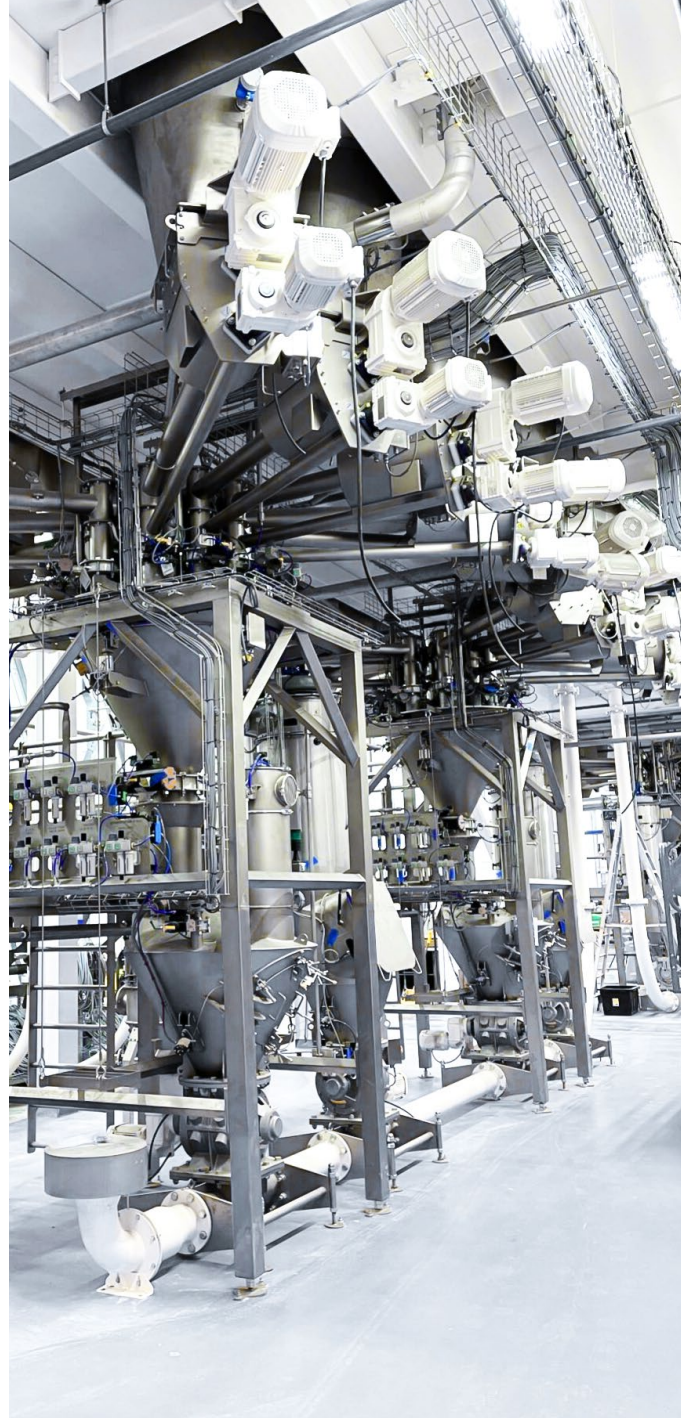
# After Sales Service

**Value-driven. Customer-centric.  
Always on time.**

At the core of our After Sales Service approach is our commitment to continually adapt our offerings to the evolving needs of every customer. Your operations will change and grow; our goal is to change and grow along with them. Whether it's developing a complete spare parts program or planning and executing retrofits and upgrades, our team is dedicated to providing you with the best experience possible. By leveraging AGI's reach and purchasing power, we can ensure you always get what you need, where you need it, when you need it.

## After sales services

- Spare parts
- Training
- System audits
- Plant maintenance
- Upgrades
- Production ramp-up
- Expert services
- Preventative maintenance
- Warranty support





AGI is a global leader in supplying farm and commercial customers with the manufacturing, planning, and engineering of full equipment solutions for grain, seed, fertilizer, feed, and food. AGI's expertise enables the storage, blending, mixing, conveying, conditioning, processing, and protection of agricultural products and inputs worldwide.

**Your safety is our highest priority.**

Please read and understand the operator's manual and safety decals before using. Use and maintain products properly, and do not modify. Keep guards in place when operating and follow all product manuals and safety decals. For all AGI products, if guards, safety decals, or manuals are damaged or missing, contact your AGI sales or dealer representative for replacements. Images and information contained in this brochure are presented for general information.

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