

ENGINEERING SERVICES

AGRA Industries offers full-service engineering services; from general arrangements and process flow, to complete structural and mechanical detailing.

Located in Merrill, Wisconsin, **AGRA** offers general contracting, engineering, fabrication, product manufacturing and millwright construction services.

No steel fabricator can assure you an on-time, quality job without controlling the engineering and shop drawing process. To accomplish this, our team has grown to more than 20 detailers and engineers.

Our in-house engineering team can produce shop drawings quickly and accurately whether your job is 1 ton or 5,000 tons. We accomplish this by bringing together the people, processes and technology to cycle through drawing approvals and respond to field conditions faster with carefully crafted solutions.



STRUCTURAL

Our engineering team collaborates with architects, building owners and builders to design elegant solutions for projects of all types, sizes and levels of complexity.



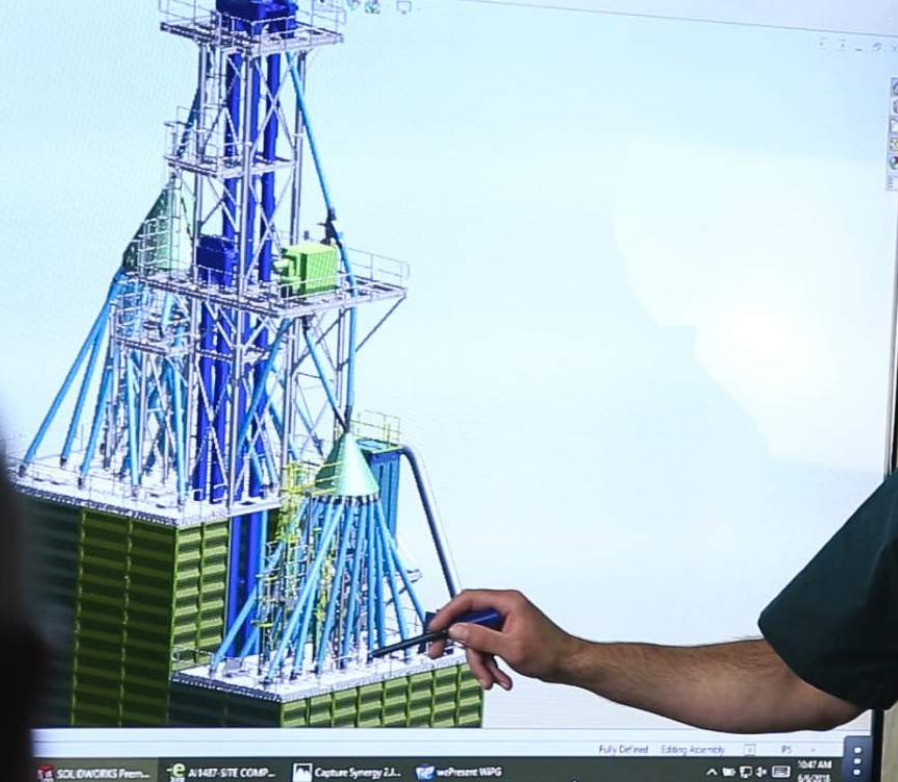
MECHANICAL

We assist all of our clients with customized, innovative and efficient solutions designed to every client's unique needs. From general layouts to material handling equipment to process flow diagrams.



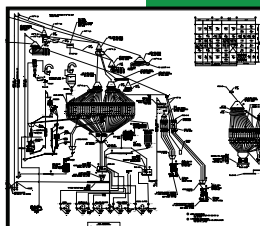
GENERAL ARRANGEMENTS

AGRA takes the time to understand the specific needs of your projects to ensure that our entire team is considering every variable and value-added layout option.



PROCESS FLOW

AGRA is an expert at process flow. Whether it is integrating into an existing process, or a greenfield design-build project, our project engineers are experienced & engaged in your production needs.



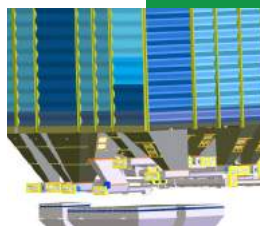
STRUCTURAL STEEL

AGRA engineers, details, and fabricates finished structural steel for bin systems, towers, catwalks, and warehouse buildings. AGRA's manufacturing facility is AISC certified and is focused on quality.



STANDARD PRODUCTS

AGRA manufactures a wide-range of material handling products. Our engineering staff is engaged in R&D of all material handling and storage solutions; continuously improving the finished product.



TRUSTED PARTNER

Checking details begins at the model level and progresses all the way through the detailing process. We can import many engineering formats, helping to accelerate turnaround time from design change to received steel on the job site. We can export multiple formats to assist third parties with design, coordination or fabrication

A 3D graphical model which allows you to view the structure from all angles, measure spacing and "walk" through the steel structure, is provided to clients on request. This tool has been used to coordinate mechanicals, help onsite superintendents envision/ manage the job, discuss design suggestions with engineers of record and help owners understand progress or roadblocks.

What does all this mean to you? **Speed to the field.**

WHY AGRA?

- ✓ The Single Point of Contact for your project's general contracting, scheduling, design, engineering, equipment manufacturing, procurement, and construction. **AGRA** controls the project fabrication and a majority of the product manufacturing, which translates into unmatched lead times & reliable delivery schedules.

AutoCAD 2018
Solidworks 2018
Autodesk Revit 2016
Risa 3D v 14
SO 5/2 v 7.3
SDS
Sigma Nest

Drafting
Drafting
3D Structural Modeling
Structural Engineering Calculations
Structural Design & Drafting
Industrial Fittings & Quick Duct
Whitney

Training: API, AISC



AUTODESK
REVIT



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FABRICATION CAPABILITIES

Founded in 1962, **AGRA** Industries' Merrill Fab is an AISC certified fabricator with an outstanding reputation.

Merrill Fab provides full-service engineering, detailing, fabrication and logistics services to structural steel, commercial and industrial clients worldwide.

No steel fabricator can assure you an on-time, quality job without controlling the engineering and shop drawing process. To accomplish this, our team has grown to more than 20 detailers and engineers!

Our fabrication facility has over 120,000 square feet with 70 people working two shifts to make sure your job is managed, fabricated and delivered on time.



**Smarter.
Stronger.
Steel.**



STEEL FABRICATION

AGRA's Merrill Fab works closely with Construction Managers and EPC's to ensure quality, accurate detailing and steel is delivered on schedule.



FINISHING

AGRA offers coating systems that are affordable and reliable. Our finishing team offers a wide range of applications to handle whatever unique specification that your project requires.



LOGISTICS

AGRA takes the time to understand the specific needs of your project, aligning our production team with the unique receiving locations of our global clients.



**Smarter.
Stronger.
Steel.**



STRUCTURAL STEEL

As a full-service, AISC Certified, structural steel fabricator; AGRA's Merrill Fab offers complete structural and miscellaneous steel packages at the best value possible.



STORAGE TANKS

AGRA manufactures carbon and stainless steel liquid storage tanks for the ethanol and feed mill industries. Ranging from 10' to 60' diameter and up to 50' in sidewall height, AGRA tanks are safe and efficient to install.



COMPLETE BIN SYSTEMS

AGRA's modular bin systems are complete and robust. Featuring full-height 12 gauge bin panels, hoppers, roof decking and manways, we fabricate corrugated or smooth wall bins that are efficient to install and built to last.



BELT CONVEYORS

AGRA conveyors are hard at work in processing facilities worldwide. Our durable construction & robust designs are developed to exceed your demands for efficiency and uptime reliability.



FEEDER SCREW AUGERS

AGRA's Feeder Screw Augers and Live Bottoms are built to stand the test of time. Featuring heavy duty assemblies and variable pitch flighting, our augers are robust and worry-free.



Beam Line Saw - Vertical - Capacity: 28" High x 24"

CNC Hyd. Shear 3/8" x 12'-0"

CNC Hyd. Shear 3/4" x 14'-0"

Press Breaks :

- CNC Hydraulic 14' - 175 Ton (2)
- Mechanical 16' - 450 Ton (1)

Punch Presses (2), Drill Presses (5)

Cold Saw 12"

Band Saws (4)

Pipe Bender - 1" - 2" Sch 80

Pipe Notcher 1-1/4" - 1-1/2" - 2" Sch 80

Peddinghaus 40" CNC 3 Spindle Drill Line

Peddinghaus CNC Angle Line

- Punch to 1-1/2" : To 1/2" Thick (100 ton punches)
- Cut to 1/2" Max: Angle 6" x 6"

Rolling Machines (5)

- 3 roll - Maximum Capacity: 1/2" @ 96" / 3/8" @ 144"
- 4 roll - Maximum Capacity: 7/8" @ 144"
- Plasma/Oxy CNC Table
- Table Size: 8' x 24'

Plasma Max Cut: 3/4" Thick

Oxy Max Cut: 6" Thick

Plasma CNC Table

- Table Size: 10'8" x 24'6"
- Plasma Max Cut: 1 1/4" Thick

40 Ton Punch/Plasma Fabricating Center

- Table Size: 10' x 24'
- Plasma Max Cut: 3/4" Thick
- Punches to: 5" dia.- 3/16 Thick

55 Ton Iron Worker



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CONSTRUCTION SERVICES

AGRA Construction is focused on safety, quality, and efficiency.

AGRA Construction is a premier Millwright contracting company providing experienced, quality construction and maintenance to food and biofuel processing clients located throughout the United States. We specialize in material handling, bulk storage, structures, equipment assembly and installation services. From greenfield projects, facility expansions, or one-day maintenance, our team is staffed, trained and organized to meet the demands of your desired schedule.

PROCORE
CLOUD-BASED CONSTRUCTION SOFTWARE

PROCORE connects clients to our project team through an intuitive cloud-based platform. This software helps construction professionals manage risk and build quality projects; safely, on time, and within budget.

“Frictionless construction at your fingertips.”



SAFETY CULTURE

AGRA Construction plans every task on site, every day. Our millwrights and subcontractors look-out for potential hazards and address them real-time.



SCHEDULE-DRIVEN

Every AGRA project is managed by Primavera P6 and Microsoft Project. Our Superintendents and Foreman track the critical path to ensure that milestones are met along the way.



FINISHED PRODUCT

AGRA takes pride in our finish product. The construction QC process is a priority for our field team; making sure that every weld is finished and bolt tightened.



2018 EXPERIENCE
MODIFICATION RATE

0.720

MANAGEMENT

AGRA's Construction Management team offers clients an array of services including the general constructing, critical-path scheduling, milestone-driven construction management, and design-build projects through AGRA Industries.

MILLWRIGHTS

AGRA Millwrights can install a single piece of machinery or provide turnkey services for an entire facility. AGRA is committed to providing value to our customers through the knowledge of our self-perform riggers, millwrights & operators.

FIELD PAINTING

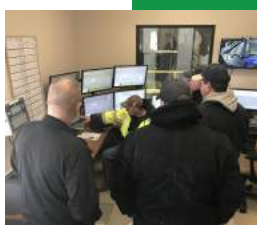
AGRA's field painting team has proven to be the standard in construction finishing. We take pride in our finished product, and prioritizes the proper preparation, coating material selection, and field applications are a sight worth seeing!

COMMISSIONING

Commissioning is an important way to enhance the overall quality control of your expansion or greenfield project. Our Field Service Technicians troubleshoot mechanical and electrical issues to ensure that your start-up is efficient.

SERVICE & MAINTENANCE

AGRA's Field Service team is equipped with the expertise, experience, and tools to help keep your facility up and running. AGRA technicians are OSHA 30-hr trained, certified welders, and experienced mechanics.



TRUSTED PARTNER

For an asset as crucial as your new facility, it pays to invest the time to select a company you can trust, with the experience and resources to maximize uptime and mitigate risk. Ideally, your selected General Contractor will offer you all of the products, people, services and strategies needed to design, integrate, commission, staff, maintain, service, and monitor your facility. Acquiring these crucial services from a single source provider like **AGRA** will greatly reduce headaches and streamline the path to a return on your investment.

WHY AGRA?

- ✓ Single Point of Contact for your project's general contracting, scheduling, design, engineering, equipment manufacturing, procurement, and construction. **AGRA** can control the project fabrication and a majority of the product manufacturing; which translates into unmatched lead times and reliable delivery schedules.
- ✓ AGRA offers more than 56 years of experience, stability and value to every project. As a family business, we are proud to be entering our third generation of management and innovation.

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