

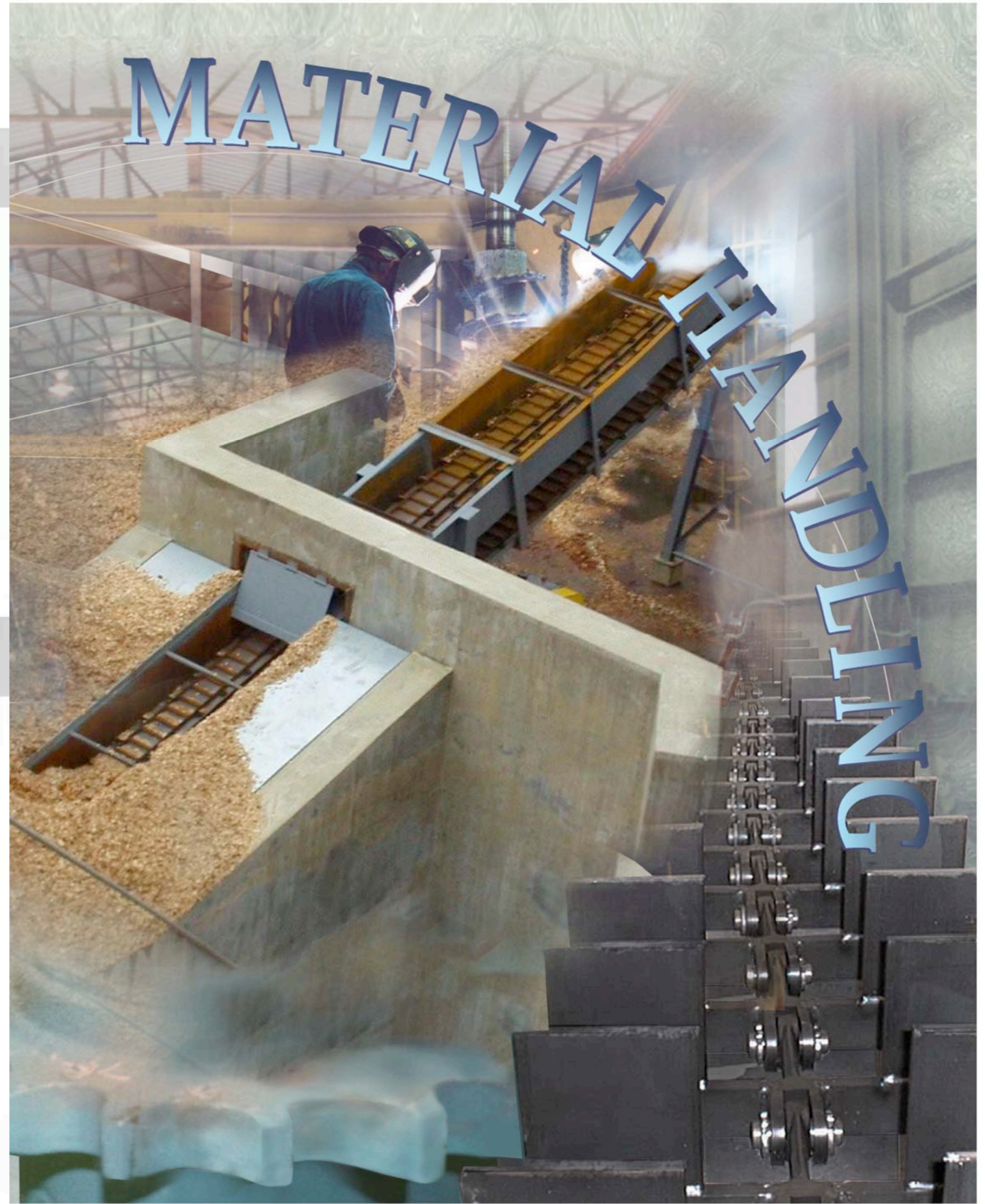


Solid Fuel & Ash Handling Systems

- Underpile Reclaimers & Live Bottom Fuel Metering Bins
- Materials Screening & Hog Towers
- Heavy Duty Screw & Drag Conveyors
- Underpile Drag Chain & Screw Conveyors
- Ash Storage Silos & Ash Unloading / Conditioning Equipment
- Double Dump Valves & Rotary Feeders

Air/Gas Handling Systems

- New Mechanical Draft Fans (Induced & Forced Draft)
- Boiler Upgrades, Stokers, Economizers, Tubular Air Heaters
- Multiclone Dust Collectors
- Dampers, Expansion Joints, Ductwork, Exhaust Stacks
- Draft System Assessment & Efficiency Upgrades



DESIGN ENGINEER FABRICATE INSTALL SERVICE REPAIR REBUILD

www.processbarron.com

Process Barron | PO Box 1607 Pelham, Alabama 35124 Phone – 205-663-5330; Fax – 205-663-6037





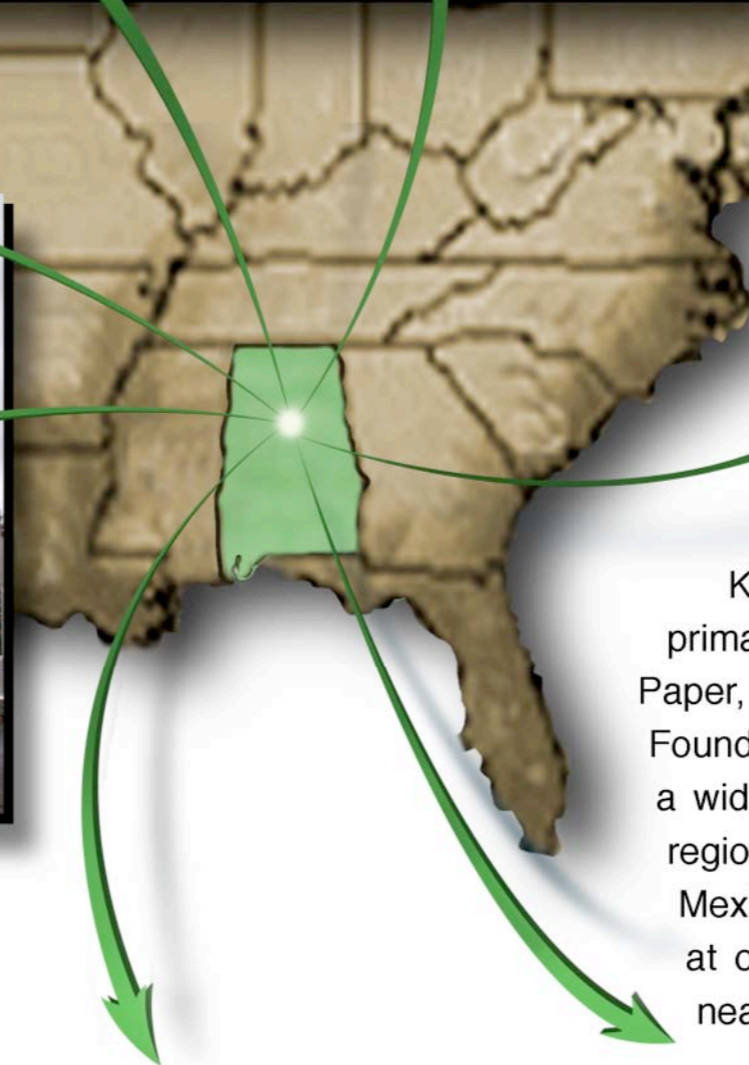
Pinson Plant



Pelham Plant #1



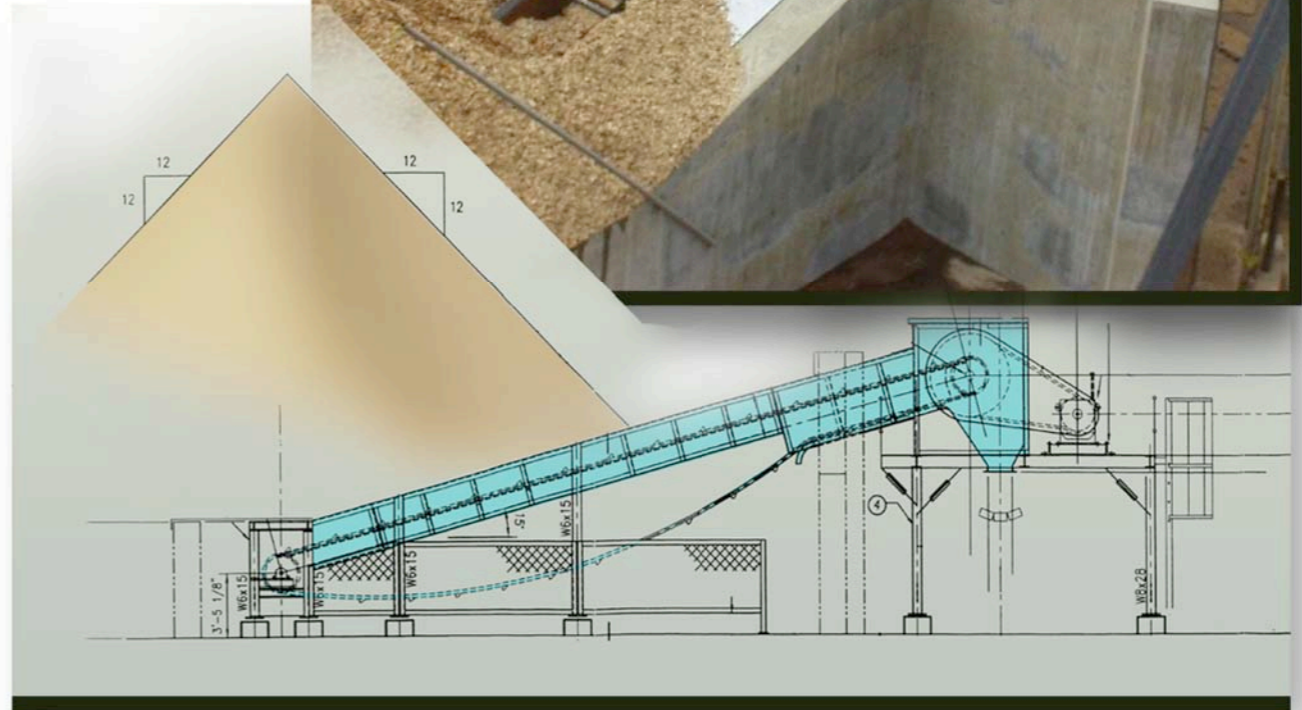
Pelham Plant #2



Since 1981, ProcessBarron has been a leader in the design, manufacturing, and installation of Boiler, Kiln, and Furnace System Equipment. We primarily service the Power & Utility, Pulp & Paper, Cement, Iron & Steel, Aluminum, Lime, Foundry, and Chemical Industries. We provide a wide range of products and services to all regions of the United States, Canada, and Mexico. All of our products are manufactured at our engineering and production facilities near Birmingham, Alabama.

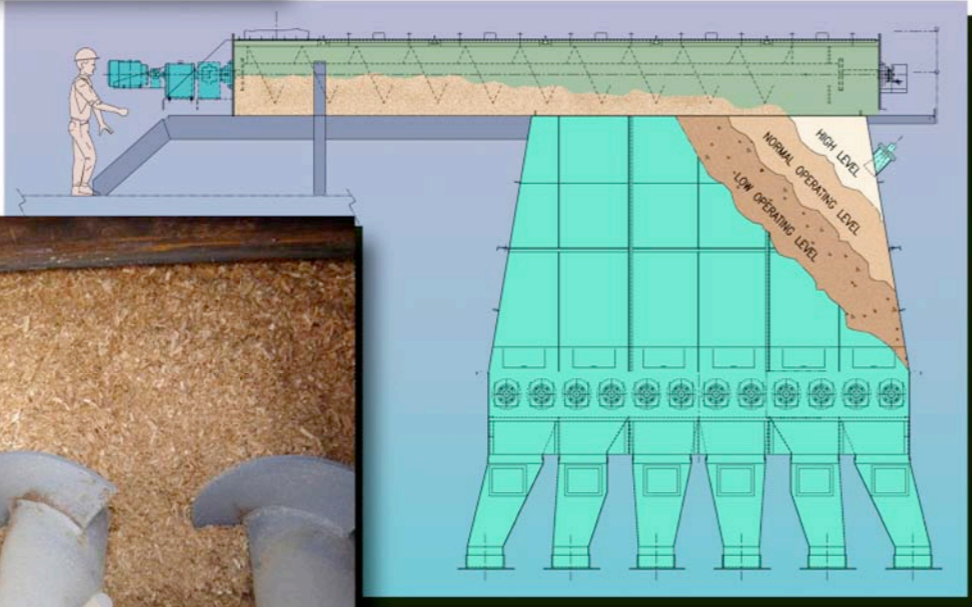


We have the capability to handle fuel materials such as biomass, tire chips and sludge, among others.



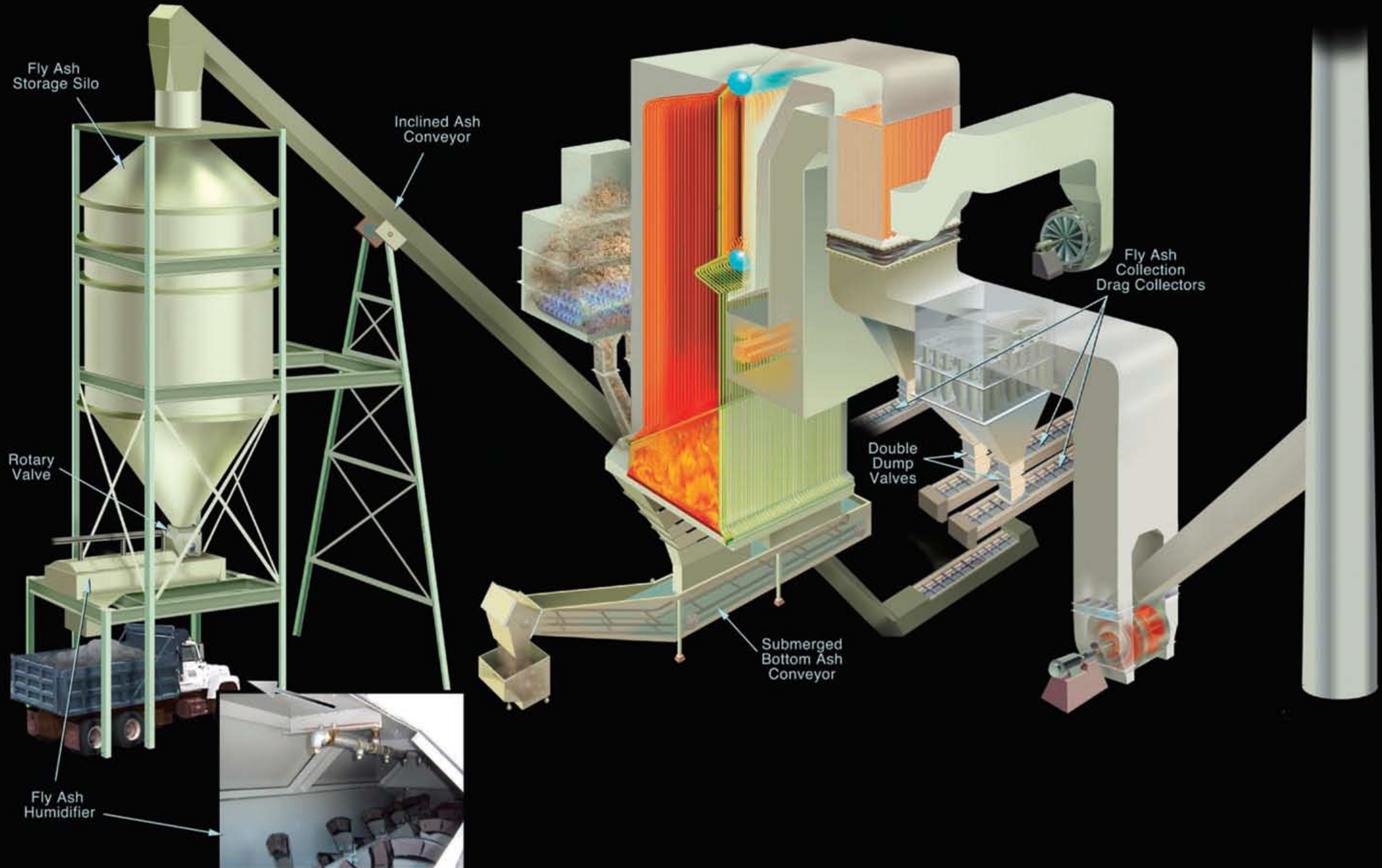


Live bottom metering bins are custom designed and manufactured to handle the toughest of materials. Variable pitched metering screws are constructed with chromium carbide, abrasion resistant or other alloy steel flights.



ASH HANDLING

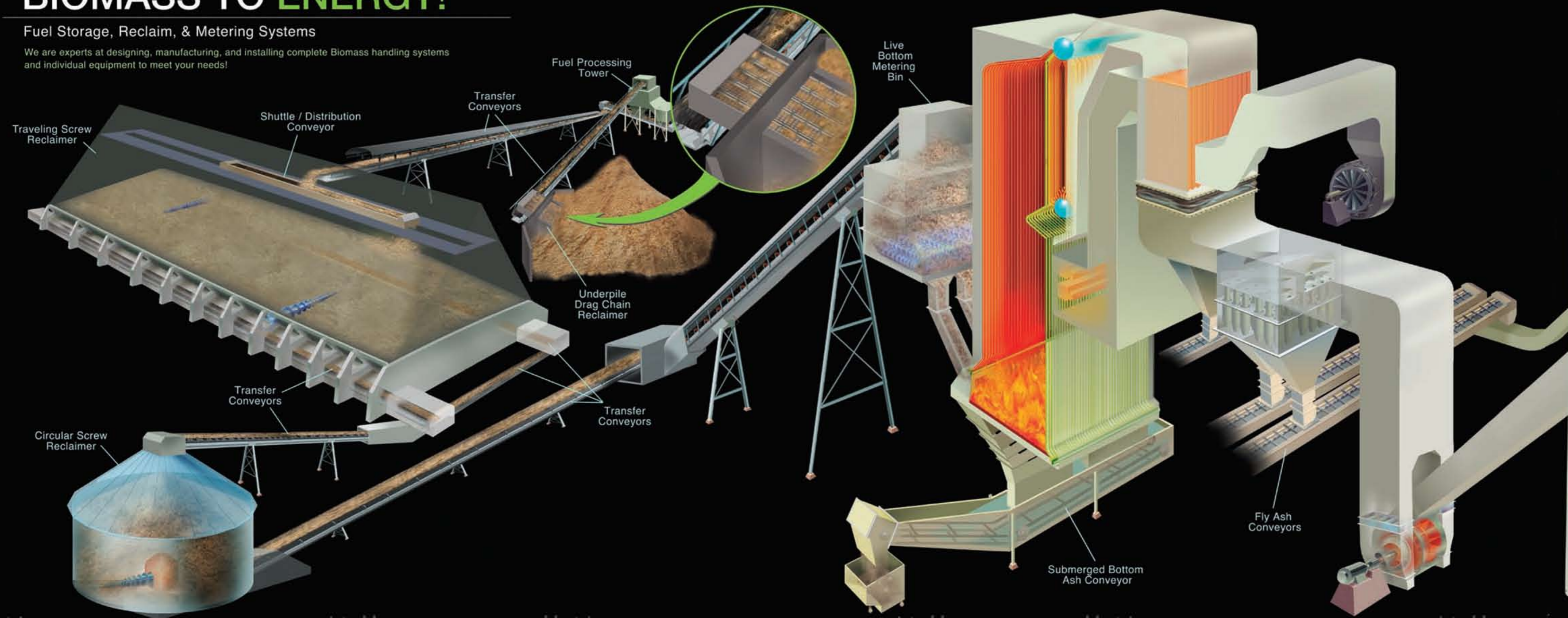
Ash Collection, Storage, Conditioning, and Unloading Systems



BIOMASS TO ENERGY!

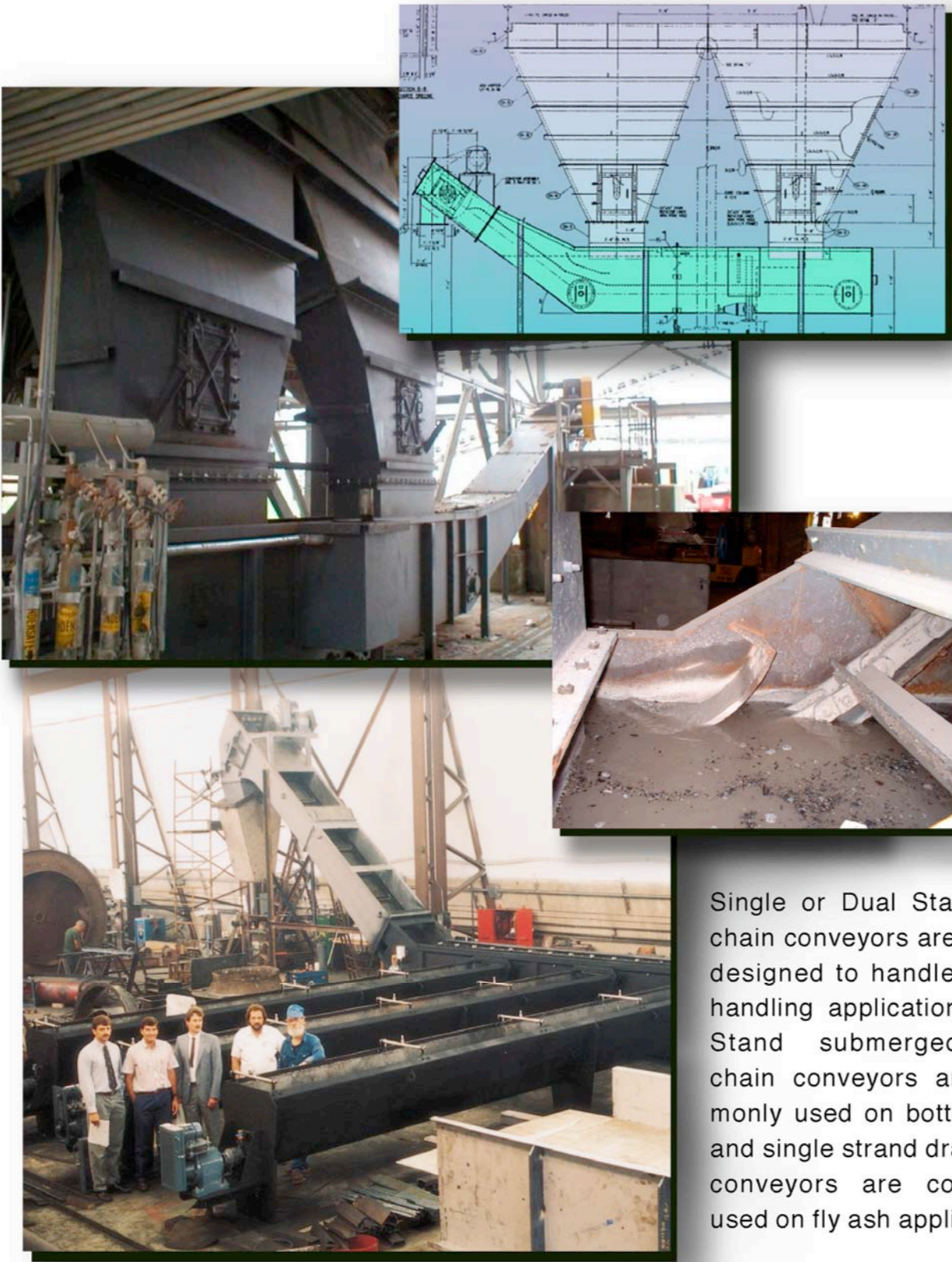
Fuel Storage, Reclaim, & Metering Systems

We are experts at designing, manufacturing, and installing complete Biomass handling systems and individual equipment to meet your needs!

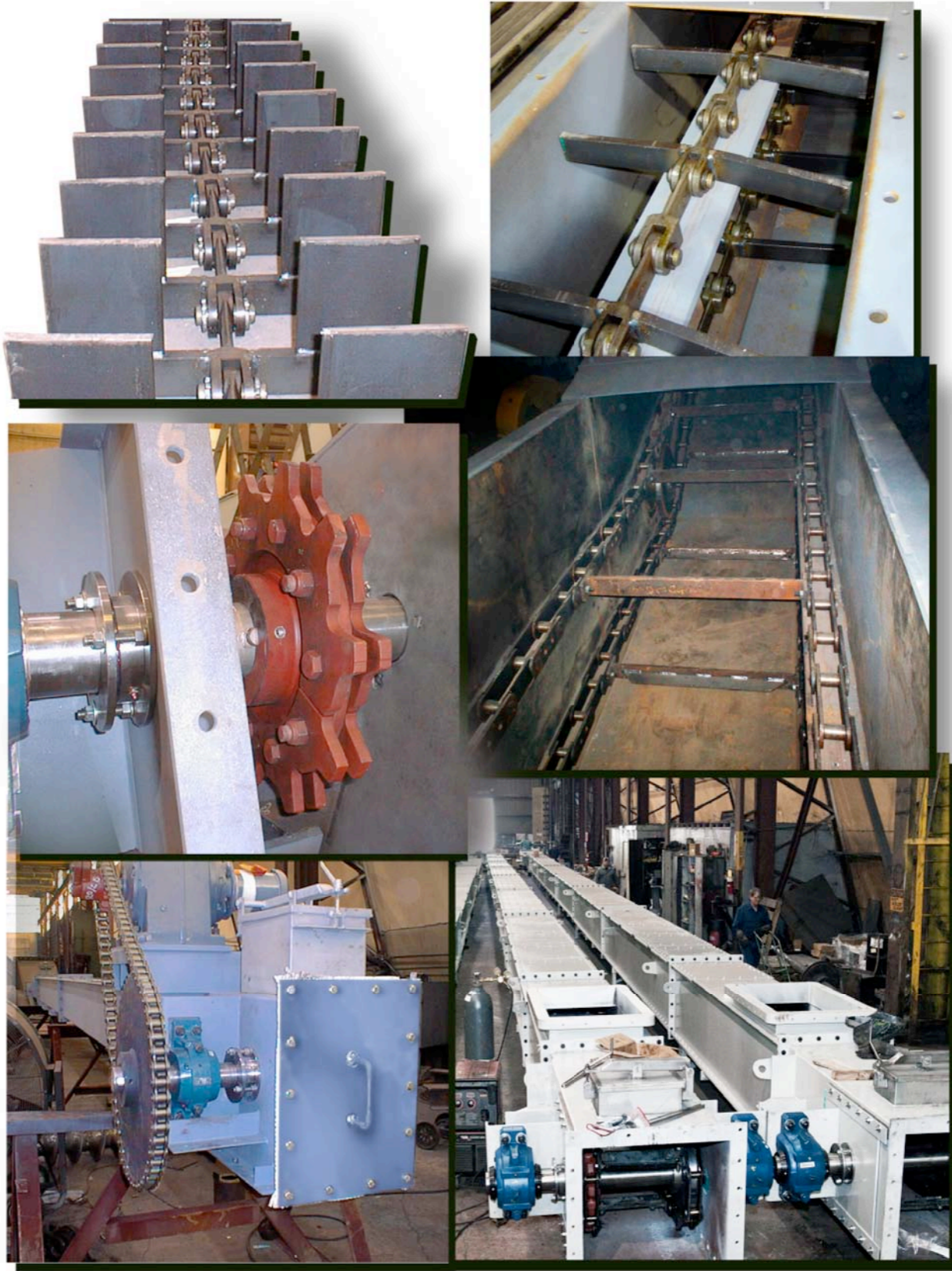


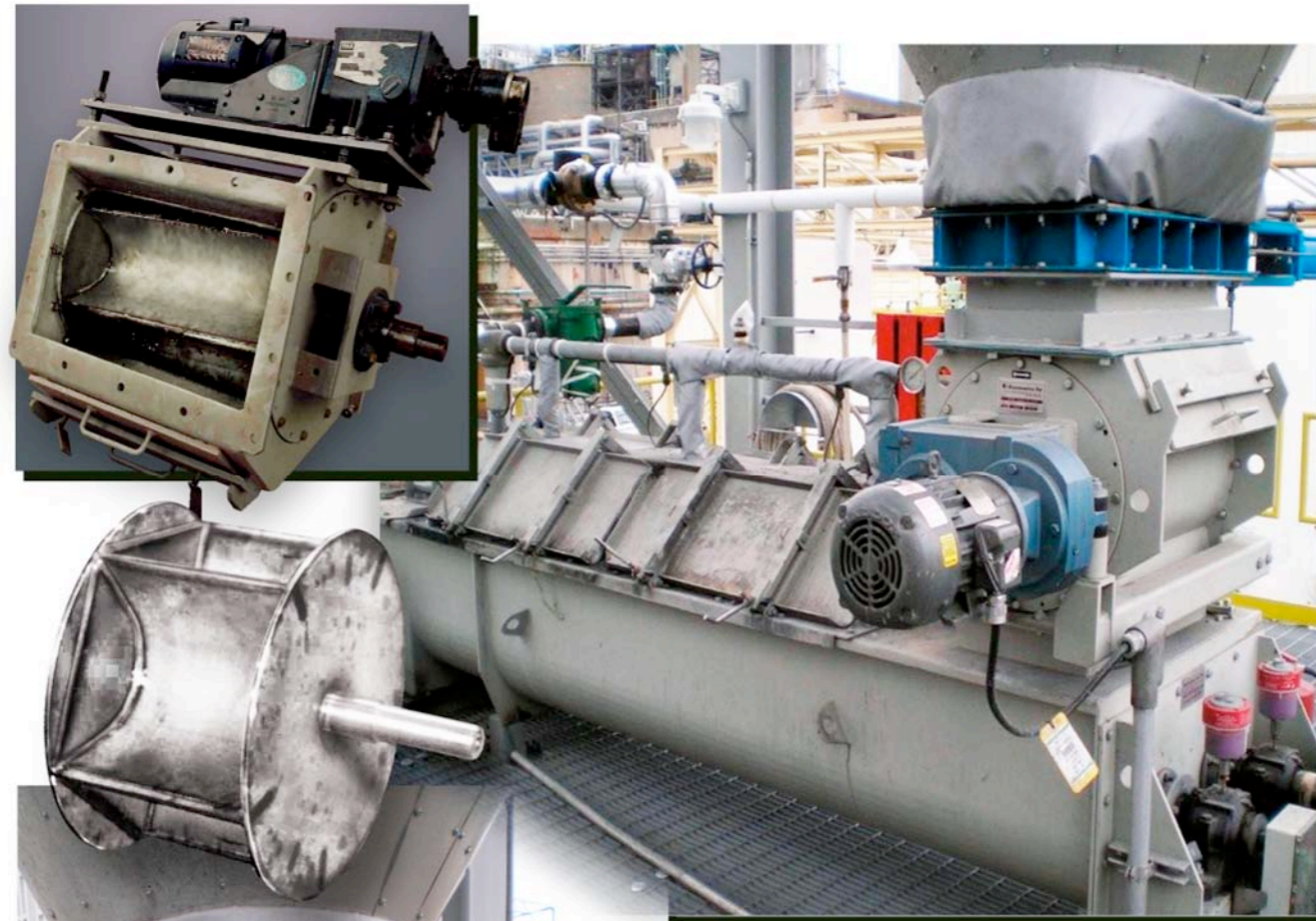
ASH HANDLING

Ash Collection, Storage, Conditioning, and Unloading Systems

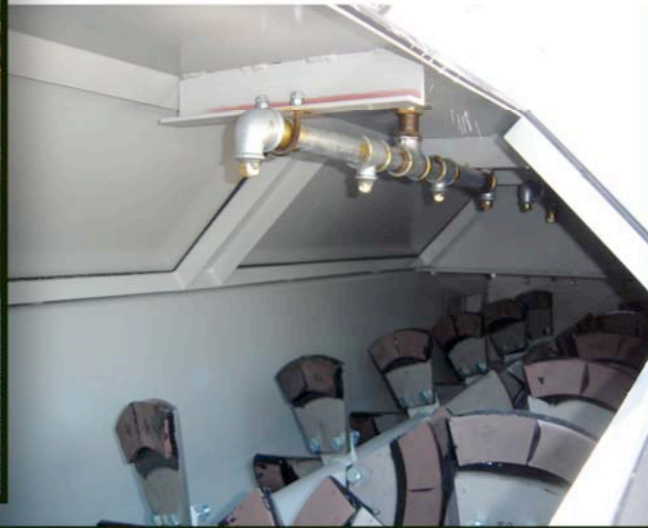


Single or Dual Stand drag chain conveyors are custom designed to handle all ash handling applications. Dual Stand submerged drag chain conveyors are commonly used on bottom ash, and single strand drag chain conveyors are commonly used on fly ash applications.

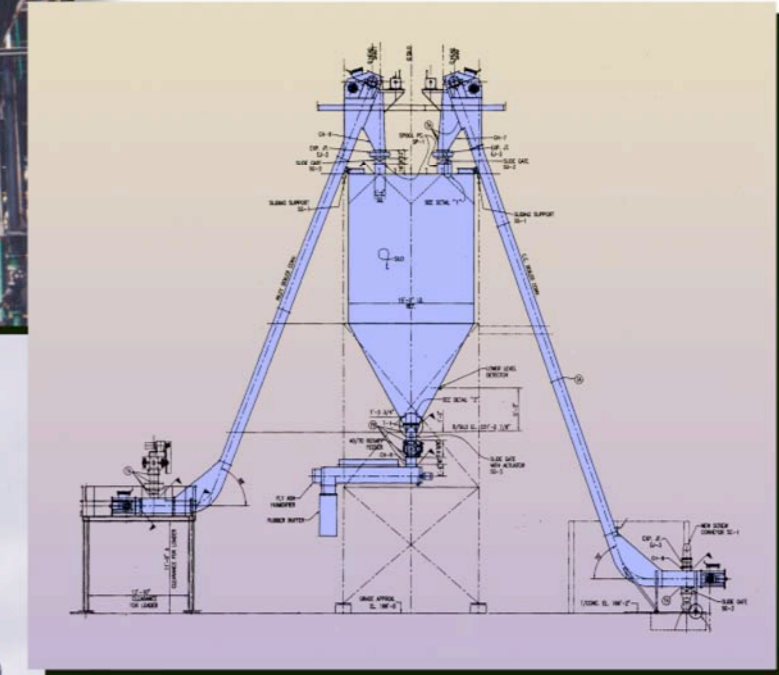




Heavy duty ash silo unloading and conditioning systems utilizing isolation gates, rotary air lock feeders and fly ash humidifiers. Our fly ash humidifiers are second to none when it comes to performance.



Complete mechanical ash handling systems - engineered, manufactured and installed.





An extensive inventory of material handling equipment components are maintained to support operating systems.



142mm drop-forged links and pins made from high CrMn steel that are case hardened to achieve high breaking loads and wear resistance in abrasive and corrosive conditions.



Welded chain pins and bushings are made from high strength steel and case hardened for wear resistance.

Field installation service crews allow us to offer turnkey project capabilities for all systems. We also offer technical upgrades and routine shutdown maintenance service on existing material handling equipment.

