

Stacks





COMPANY REPRESENTATIVES

With over 60 representatives located in North America, South America, Central America and the Caribbean, ProcessBarron can typically evaluate your industrial equipment needs within 24 hours.

To contact a representative please call our office in Alabama at 205-663-5330 or visit our website at www.processbarron.com.

design | engineer | fabricate | install | service | repair | rebuild

1-800-226-3267



COMPANY EXPERIENCE

ProcessBarron is a leader in the design, fabrication, installation, maintenance, and repair of air, flue gas and bulk materials handling system equipment. From our production facilities near Birmingham, Alabama, we offer a wide range of manufactured products and turnkey services to our customers in a variety of industries including power, biomass, pulp and paper, iron and steel, cement, lime, textile, foundry and mining.

At ProcessBarron we have assembled a skilled team of craftsmen and engineers who produce a full inventory of stacks, ductwork and related air handling equipment for all heavy industrial and utility applications.

Our expertise comfortably covers complete new applications, retrofitting upgrade equipment into existing spaces and providing readily available parts for any emergency.

Field crews are available for complete turnkey installation, start-up of equipment, on-site inspections and a detailed evaluation of your current air handling needs.

Technical assistance and custom-designed equipment specifications are provided through our sales and engineering departments.

Computer modeling of all structural components of our stacks in conjunction with actual field testing ensures you reliability and quality without compromise.

DRAFT SYSTEMS

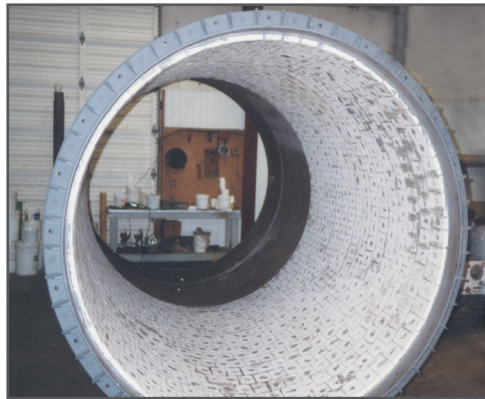
At ProcessBarron we offer complete draft system designs and modifications including:

- Fans
- Ductwork
- Expansion Joints
- Air Heaters
- Stacks
- Dust Collectors
- Dampers
- System Upgrades

CUSTOM STACKS

ProcessBarron designs and supplies all types of steel stacks. Options include:

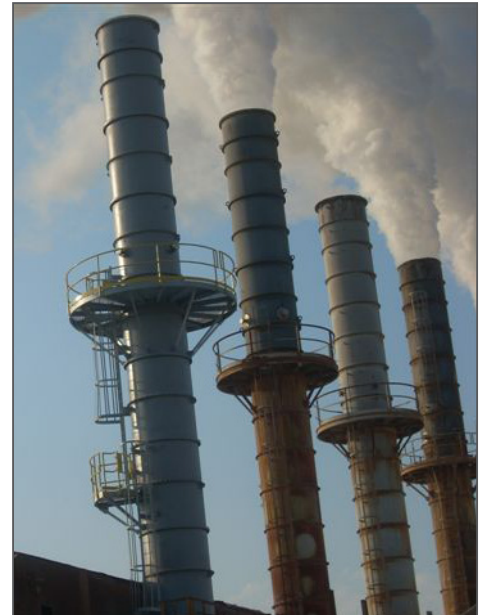
- Single Wall
- Intake
- Stainless Steel
- Helical Spoilers
- Dual Wall
- Dual Use
- Carbon Steel
- Dynamic Vibration Absorbers
- Multi-Flue
- GT Bypass
- Specialty Alloys
- AR Plate Lining



RETROFITS AND REPLACEMENTS

The engineers and craftsmen at ProcessBarron can design, manufacture and install new stacks and duct systems as well as replace worn out equipment.

Reduce the risk of future catastrophic failure by in-kind, in-place upgrades and maintenance.



BYPASS SYSTEMS

Our mechanical “Change Out System” allows efficient conversion between simple and combined cycle operation of Gas Turbine Power Stations at a much reduced initial cost as well as reduced long term maintenance over conventional diverter dampers.

Retrofits to existing “combined cycle only” plants are available.



EMERGENCY REPAIR

ProcessBarron provides fast emergency repair services. Don't lose valuable time and money waiting on non-responsive service from large repair companies. We have the knowledge and expertise to handle repairs of any size and complexity - from a single piece of equipment to an entire system.

Our sales engineers are available after hours if you have an emergency and need immediate on-site repair.

For emergency repair, call: 800-226-3267. 24 hours a day, 7 days a week.



TURNKEY SOLUTIONS

At ProcessBarron, we are capable of taking you from evaluation to installation. Our expertise in fuel, air, and ash handling means our teams can quickly assess your needs and generate solutions that improve efficiency and reduce costs.

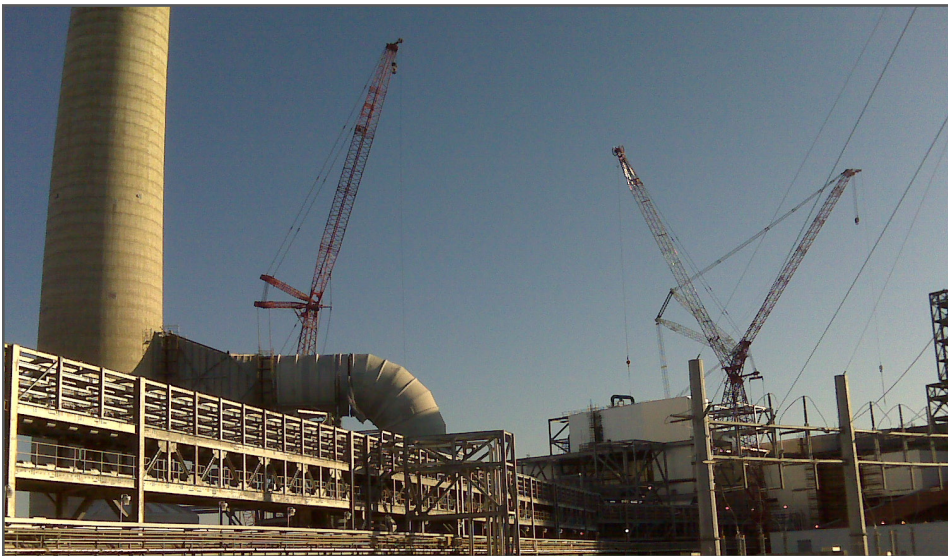
The professionals at ProcessBarron can see your project through to the end with engineering, manufacturing and field services capabilities.



FIELD SERVICES

ProcessBarron's Field Service department specializes in the turnkey installation of our equipment. Our in-house field service department is also available to inspect and perform maintenance on existing equipment and can provide a detailed evaluation of your current problems and future needs.

- Turnkey installation of new equipment
- On-site inspection
- Measurement and thorough analysis of existing equipment
- Air flow measurement and reporting
- Preventive maintenance
- Efficiency upgrades
- Laser alignment
- Fan balancing services
- Vibration analysis
- Temporary joint repair and splicing
- Scrubber stack repair
- Emergency equipment repair





PO Box 1607 | Pelham, AL 35124 | 888-663-2028

www.processbarron.com

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COMPANY SERVICES

Fuel & Ash Handling Systems

- Underpile Reclaimers
- Live Bottom Fuel Metering Bins
- Material 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

- 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

24hr. Emergency Repair Services Available

DESIGN • ENGINEER • FABRICATE • INSTALL • SERVICE • REPAIR • REBUILD