



Acoustic Cleaning Systems

Sonic Horns for SCRs ❖ Baghouses ❖ Precipitators



Alfa Laval

Plate-Style Heat Exchanger ❖ Plate Evaporator ❖ High-Speed Fuel Oil Separator ❖ Lube Oil Conditioning ❖ Plate Condenser ❖ Shell & Tube Heat Exchanger



Atlas Traveling Water Screens

Traveling Water Screens – Thru Flow or Dual Flow Designs ❖ 316B Compliant Screens (Meets Entrainment & Impingement Regulations) ❖ Atlas Landy Trash Rake – Monorail Style ❖ Rebuilt Screens ❖ Replacement Parts For All Makes & Models ❖ On-Site Service To Repair or Rebuild All Makes & Models ❖ Bar Racks



Bachmann Industries

Process and Exhaust Gas Controls Solutions ❖ Gas Turbine Exhaust Systems ❖ SCR Damper Systems ❖ FGD Damper Systems ❖ Expansion Joints ❖ Dampers



Callidus

Burners – Conventional, Lox NOx and Ultra Low NOx ❖ Gas & Oil Fired ❖ Acid Gas Burner
Flares – Replacement Flare Tips ❖ 100% Smokeless ❖ Pipe, Assisted, Totally Enclosed
Vapor Control – Vapor Recovery ❖ Vapor Combustion
Incinerators/Thermal Oxidizers – Hazardous/Non-Hazardous ❖ Incinerator Burners ❖ Vapor/Liquid/Solid
SCR Systems – Simple Cycle Catalyst ❖ Selective Catalytic Reduction Systems ❖ CFD Modeling



Clyde Bergemann Power Group

Boiler Efficiency Product Division

Retractable, Wall and Rotary Sootblowers & Parts ❖ Water Cannon Systems & Solutions ❖ Explosion Generators ❖ Shower Systems ❖ Aftermarket Service Division - Diamond Power Replacement Parts ❖ On-Site Service and Engineering ❖ Rebuilds of Carriages, Valves, etc. ❖ OEM of all Copes Vulcan Installed Sootblowers ❖ Port Cleaner & Damper

Air Pollution Control Product Division *(formerly Environmental Elements)*

Electrostatic Precipitator ❖ Pulse Jet Fabric Filter ❖ Spray Dryer Absorber ❖ Mercury Removal – PAC Systems ❖ Material Handling ❖ Dry Sorbent Injection System for SO₂ and SO₃ Removal ❖ Stacked Air System™ & Combustion Optimization

Air Pollution Control Aftermarket Product Division

Complete Inspection Services – SDA Scrubbers, PJFF, ESP ❖ Repairs and Rebuilds of all Air Pollution Control Products & Auxiliary Systems including SDA Scrubbers, ESPs, PJFFs, Sorbent Injection Systems, Ash Conveying Systems, ID Fans, Ductwork, etc.

Material Handling Product Division *(formerly Delta Ducon)*

Submerged Scraper Conveyor (SSC) for Wet Bottom Ash Removal ❖ DRYCON Dry Bottom Ash Removal ❖ ASHCON Wet to Dry Ash Conversion ❖ Pneumatic Conveying for Fly Ash Removal (Dense & Dilute Phase) ❖ Fuel Feed System for CFB Boilers ❖ Rotary Feeder ❖ Aftermarket Replacement Parts for Existing Ash Systems



David Brown

Vertical Mill Drives ❖ Centre Drives ❖ High Speed Gearboxes ❖ Custom Drives ❖ Mill Drive Gearboxes ❖ Conveyor Drives ❖ Defense Transmissions ❖ Marine Transmissions ❖ Girth Gears ❖ Field Service ❖ Gearbox Repair ❖ Retrofit Replacements



Doosan Power Systems

Boiler Modeling – Thermal & CFD

NOx Reduction – LNB & OFA

Plant Improvement and Upgrades – Anti-Slagging Solutions Utilizing Membrane Tips ❖ Superheater and Reheater Solutions ❖ Energy Efficiency Improvements ❖ PRB Conversions ❖ Asset Management ❖ SCR Systems – Complete Design and Supply On Both New and Retrofit Applications

Steam Turbines – 20MW to 400MW



Duechting Pumps

FGD – Absorber Recycle Pump up to 75,000 GPM ❖ Non Metal Wet End Miscellaneous FGD Slurry Pump ❖ SICast – Silicon Carbide Wet End Components, Extreme High Corrosion & Abrasion Resistant ❖ SIConit – Repair, Silicon Carbide Wear Resistant Upgrade Material ❖



Expansion Seal Technologies Group, Inc.

Hydrostatic Test Plugs ❖ Grip Tight High Pressure Test Plugs ❖ Double Block & Bleed Isolation Plug ❖ Heat Exchanger/Condenser Tube Plugging/Testing Systems ❖ Pop-A-Plug II High Pressure Tube Plugs ❖ Field Services



Fluid Engineering

Automatic Self Cleaning Strainers ❖ Duplex Strainers ❖ Simplex Strainers ❖ Cone Strainers ❖ “Y” Strainers

TM Industrial Supply

Coalescing Gas Filters



Innova Global

Heat Recovery Steam Generators (HRSG) ❖ Selective Catalytic Recovery (SCR) and Carbon Monoxide (CO) ❖ Duct Burners ❖ Exhaust Ducting Stacks ❖ Silencers

Waste Heat Recovery Boilers (WHB) ❖ Pressurized or non-Pressurized ❖ Selective Catalytic Recovery (SCR) and Carbon Monoxide (CO) ❖ Tube Sheets ❖ Pressurized Tube Bundles



Integrated Global Services

SCR Environmental Solutions ❖ LPA Screens ❖ Catalyst Cleaning Systems with Sonic Horns and Air Cannons ❖ Access Doors including Catalyst and Loading Doors ❖ Metal Spray Coating for Abrasion and Corrosion Protection Applications



Lenox Instrument

High Temperature Boiler Viewing Camera System



Maverick Applied Science

FRP Tech & Innovation ❖ Material & Equipment Specifications ❖ FRP Equipment & System Design ❖ Pipe Stress Flexibility Analysis ❖ Pipe Support & Structural Design ❖ Finite Element Analysis ❖ Buried Pipe Design ❖ Failure Analysis & Investigation ❖ FRP Pipe Support Supply ❖ FRP Chimney Liner Design & Inspection



Novinda

Amended Silicates Technology ❖ Non-Carbon Mercury Reagent ❖ Capture of Mercury from Flue Gas Stream of Coal-Fired Plants ❖ Non-Flammable ❖ 100% Compatible with Fly Ash Used In Concrete ❖ Strong “Stand Alone” Oxidizer of Mercury



STEAG SCR Tech A CoalLogix Company

Catalyst Regeneration ❖ SCR Management including SCR Inspection, Catalyst Testing, Efficiency Tuning ❖ Air Cannons ❖ Acoustic Cleaning Systems

Excellent
Power & Industrial
Solutions



Weir Valves & Controls (formerly Atwood & Morrill Co.)

Parallel Slide Gate Valves ❖ Wye Pattern Globe Stop and Non-Return Valves ❖ Pressure Seal Valves 6” & up ❖ Forged Steel BDK Valves 4” & under ❖ Cast Steel Low Pressure Valves ❖ Cold Reheat Check Valves ❖ Extraction Steam Free Flow Reverse Current Check Valves ❖ FCC Compressor/Blower Check Valves ❖ Trip Throttle Valves ❖ Spring Relief Valves ❖ Atmospheric Valves ❖ Repairs ❖ Spare Parts ❖ Upgrades