The Power of Sustainable Energy Solutions
Our goal and purpose is to provide sustainable, affordable and reliable energy solutions for all types of applications. To do this, we employ among the most talented people with the deepest know-how and experience for producing steam, power, heat, syngas, and clean stack gas from the widest range of affordable fuels and waste materials.

**Technologies we provide**
- Circulating Fluidized Bed (CFB) and Bubbling Fluidized Bed (BFB) Steam Generators and Gasifiers
- CFB Scrubbers
- Metallurgical Waste Heat Boilers (MWHB)

**Sectors we serve**
- Utility Power
- Industrial Steam and Power
- Combined Heat and Power
- District Heating
- Waste-to-Energy

We are the premier provider of steam generators, gasifiers and acid gas scrubbers which we have been advancing for over 40 years tracing back to our Foster Wheeler and Ahlstrom Pyro-Power origins. We have used our vast operating experience along with our R&D to deliver the most reliable equipment on the market today. We pride ourselves in being able to cleanly and reliability convert the widest range of low quality fuels, waste materials and waste heat into affordable sustainable power and steam for our clients.

**Unmatched Fuel Experience**
- Coal | Lignite | Petroleum coke | Waste coal | Oil shale | Peat | Demo wood
- Saw dust | Forest residue | Bark | Sludges | Paper | Plastic | Bagasse | Rice husk
- Straw | Palm kernel shell | Wood chips | Hog fuel | Olive pits | Agricultural waste
- Sunflower seed hulls | MSW | RDF | Broom corn refuse

**Our network of expertise**

Our talented people are an important part of our overall global delivery network made up of offices, shops, service centers and licensees located across the globe. It is an efficient and highly competitive network proven by hundreds of successful projects with scopes ranging from basic equipment supply to turn-key boiler, scrubber and power plant deliveries and a full spectrum of aftermarket services. Our network allows us to deliver our equipment and services at the lowest cost with flexible scopes and schedules to bring the highest value to our clients in all parts of the world.

**Our Global Network**
- Espoo, Finland
- Varkaus, Finland
- Sosnowiec, Poland
- Warsaw, Poland
- Norrköping, Sweden
- Krefeld, Germany
- Clinton, NJ, USA
- Shanghai, China
- Bangkok, Thailand
- Chonburi, Thailand
- Hanoi, Vietnam
- Seoul, South Korea
- Makati City, Philippines
- Niihama, Japan
- Tokyo, Japan
Our aftermarket service is focused on improving plant operation, performance, maintenance and life of the plant starting with the boiler and air pollution control equipment. We provide a full range of services from basic maintenance to technology modifications and upgrades, as well as long term service partnerships or agreements. Our Smart Boiler solution connects your plant to us 24-7, so our experts can provide smart maintenance schedules, remote diagnostics and fast on-site repairs.

**Aftermarket Services**
- Performance & compliance tuning
- Outage & emergency services
- Long Term Service Agreements
- Engineered pressure parts upgrades
- Off-the-shelf replacement parts
- Inspection & specialist services
- Spare part services
- Fuel range expansions & conversions
- Capacity upgrades & process improvements
- BFB & CFB retrofits
- CFB scrubber, DSI & fabric filter retrofits
- Biomass gasifiers retrofits
- Plant upgrade & refurbishment
- Weld overlays & refractory upgrades
- Construction services

### Featured Projects

**Samcheok Green Power Plant**
- CFB boiler
- Location: Samcheok City, Gang Won Do, S. Korea
- Customer: Korean Southern Power Co., Ltd
- Start-Up Year: 2017
- Capacity: 4 x 550 MWe
- Fuel: Coal, Biomass

**Polaniec Power Station**
- CFB boiler
- Location: Polaniec, Poland
- Customer: GDF Suez Energia
- Start-Up Year: 2012
- Capacity: 190 MWe
- Fuel: Biomass (Wood/20% Agro Waste)

**Green Energy Centre**
- Location: Daegu, S. Korea
- Customer: GS Engineering and Construction
- Start-Up Year: 2016
- Capacity: 23 MWe
- Fuel: Waste - RDF

**Dangjin 4 Biomass Plant**
- CFB boiler
- Location: Dangjin, S. Korea
- Customer: GS Engineering and Construction
- Start-Up Year: 2015
- Capacity: 105 MWe
- Fuel: PKS, Wood Pellets, Wood Chips

**Tees Renewable Energy Plant**
- CFB boiler
- Location: Teesside, UK
- Customer: MGT Teesside Ltd.
- Start-Up Year: 2020
- Capacity: 299 MWe
- Fuel: Biomass

**CLECO**
- CFB boiler
- Location: Boyce, LA, USA
- Customer: Shaw Group
- Start-Up Year: 2010
- Capacity: 2 x 330 MWe
- Fuel: Petroleum Coke, PRB, Lignite

**Soma Kolin Thermal Power Plant**
- CFB boiler and scrubber
- Location: Soma, Turkey
- Customer: Harbin Electric Co Ltd
- Start-Up Year: 2018
- Capacity: 2 x 255 MWe
- Fuel: Lignite
- Reactor: 2 x 716,000 ACFM
- Gas Flow: (2 x 1,217,200 m³/hr)

**Kazzinc New Metallurgy**
- Waste heat boiler
- Location: Ust-Kamenogorsk, Kazakhstan
- Customer: Xstrata Technology Pty Ltd, Australia
- Start-Up Year: 2011
- Capacity: Saturated steam 29 tph (64 kph)

**Basin Electric Dry Fork Station**
- CFB scrubber
- Location: Gillette, WY, USA
- Customer: Nooter Erikson
- Start-Up Year: 2011
- Capacity: 420 MWe
- Fuel: PRB Coal
- Reactor: 1,800,000 ACFM
- Gas Flow: (3,060,000 m³/hr)

**NSE Biofuels Oy Ltd.**
- Biomass gasifier
- Location: Varkaus, Finland
- Customer: Stora Enso Oyj & Neste Oil Corp.
- Start-Up Year: 2009
- Capacity: 12 MWh
- Fuel: Biomass, forestry residues

**Biomasa de Cantabria at Reocin**
- BFB boiler
- Location: Reocín, Spain
- Customer: Ingeteam Power Plants, S.A.
- Start-Up Year: 2012
- Capacity: 10 MWe
- Fuel: Biomass

**TSE Naantali**
- SCR retrofit
- Location: Naantali, Finland
- Customer: TSE Oy
- Start-Up Year: 2015
- Capacity: 110 MWe
- Fuel: Coal

**Tees Renewable Energy Plant**
- CFB boiler
- Location: Teesside, UK
- Customer: MGT Teesside Ltd.
- Start-Up Year: 2020
- Capacity: 299 MWe
- Fuel: Biomass
We are the premier global supplier of innovative circulating fluidized bed (CFB) technologies, providing sustainable value to our customers through our relentless drive for environmentally sound and reliable power solutions while we grow.