

Material Handling Solutions for the Power Industry



Bulk Material Handling Division

we make processes work

Fairfield Capabilities

Coal Handling Solutions

Fairfield can both specify and supply the material handling equipment needed. Since we design, engineer and build many of these products ourselves we have knowledge few others can match to ensure all the pieces of your solution work well together. Our designs include rugged material handling equipment such as drag chain conveyors, elevators, feeding and weighing systems, and much more. With Fairfield's design-supply-build capabilities, you can have one supplier who not only knows your entire design, but can service it for the lifetime of the equipment.

Design - Supply - Build

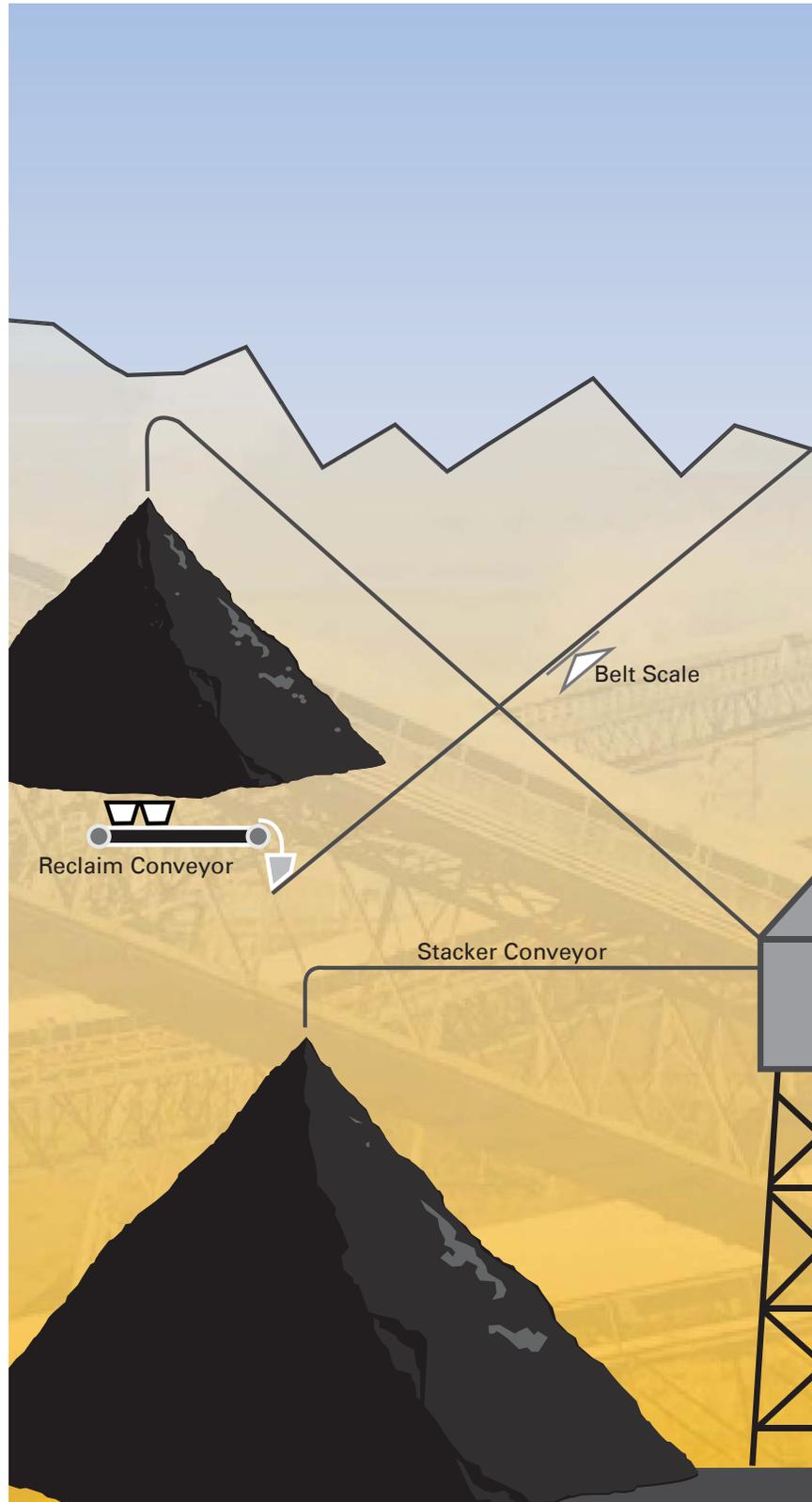
Fairfield engineers and builds material handling systems for a variety of industries. Fairfield has a long history of supplying solutions to the power industry for applications such as coal, limestone, ash and biomass handling. Fairfield can handle all or part of your material handling project:

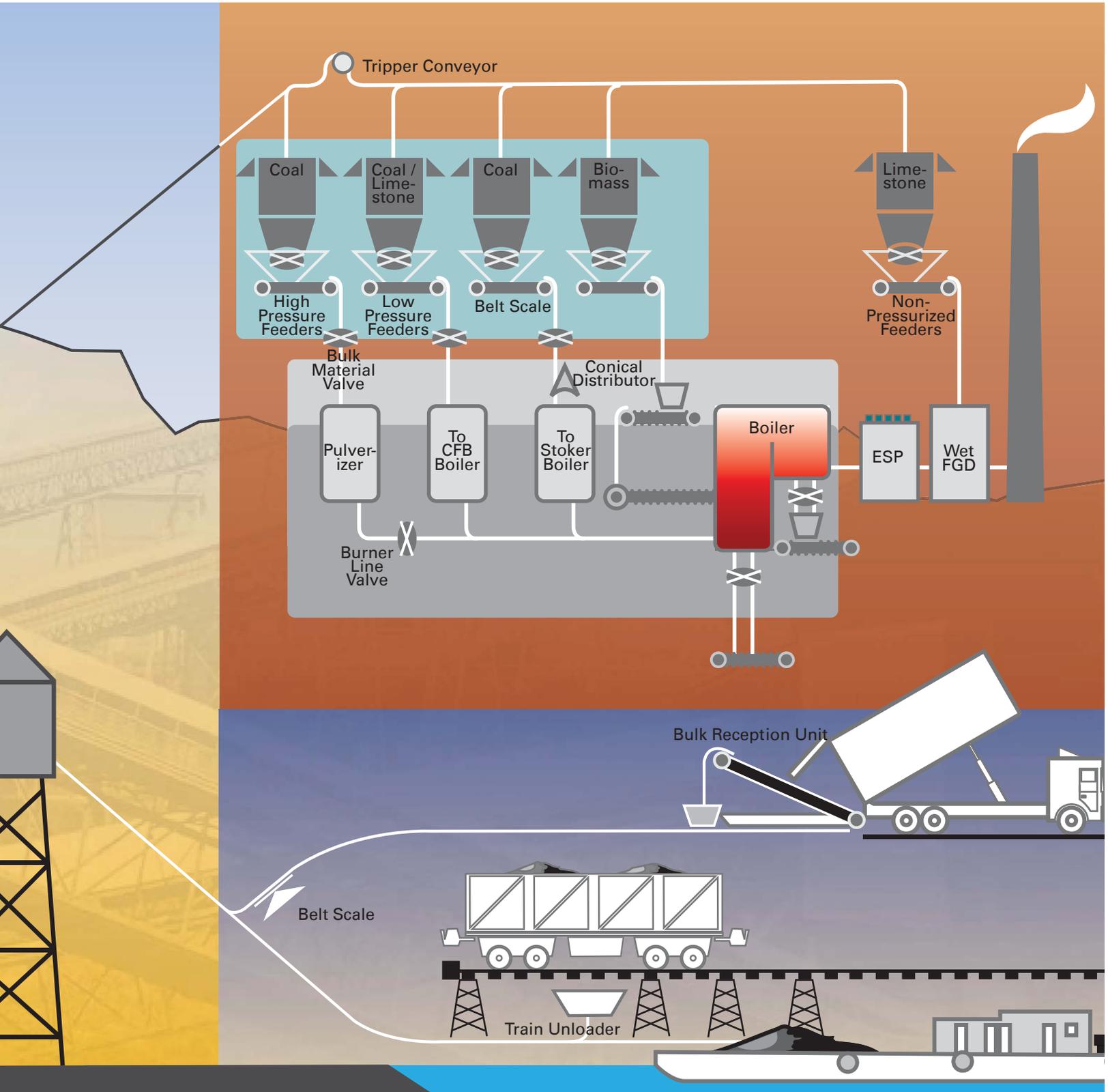
General Capabilities

- ❖ Concept
- ❖ Engineering
- ❖ Fabrication
- ❖ Equipment Specification
- ❖ Site Design
- ❖ Equipment Supply and Manufacturing
- ❖ Installation Supervision
- ❖ Commissioning
- ❖ Follow-up Service & Parts

Experience

- ❖ Power Industry focus.
- ❖ Proven designs at numerous installations provide the experience required.
- ❖ Ability to repair/retrofit/upgrade existing Fairfield designs.
- ❖ Ability to use our vast library of material handling designs to retrofit/upgrade your existing Fairfield installation or as the basis of a new installation.
- ❖ Design - Supply - Build ability reduces project risk by giving you one point of contact.





Material Handling Solutions for Power Generation

Fuel, Limestone, Gypsum, Biomass

Coal



Biomass



Coal Handling

- ✦ Rail, Truck & Barge Unloading
- ✦ Screening
- ✦ Conveying
- ✦ Stacker/ Reclaimer
- ✦ Coal Valves
- ✦ Boiler Fuel Feed Systems

Biomass

- ✦ Complete Intake Systems Rail & Road
- ✦ Boiler Feed Chain Conveyors
- ✦ Biomass Processing
- ✦ Storage Solutions

FGD & Ash

- ✦ Limestone Intake & Handling
- ✦ Conveying
- ✦ Storage Solutions
- ✦ Feeding
- ✦ Gypsum Loadout Systems



ration

FGD



Conveyors & Elevators

- Raw Material Intake
- Secondary Fuel Feeding
- CFB Feeding

Unloading Systems

- From Road Truck
- Stock Pile Creation & Reclaim
- Gypsum Handling Systems

Conveying & Feed Systems

- Material Intake to Storage
- Process Feed Systems
- Fuel Handling to Boilers and Furnaces



Fairfield Equipment & Systems

Rugged, Dependable, Built-to-Last

Conveyors & Elevators

- ✦ Belt Conveyors
- ✦ Pocket Belts
- ✦ Tripper Conveyors
- ✦ Shuttle Conveyors
- ✦ Stackers (Boom & Radial)
- ✦ Reclaimers
- ✦ Apron Feeders
- ✦ Belt Feeders
- ✦ Transfer Tower
- ✦ En Masse Chain
- ✦ Drag Chain
- ✦ Chain Elevators
- ✦ Belt & Bucket Elevators
- ✦ Chain & Bucket Elevators

Loading & Unloading

- ✦ Rail Car Systems
- ✦ Bulk Reception Unit
- ✦ Below & Above Ground Road Truck
- ✦ Grab Crane Hoppers
- ✦ Rotary Plow Reclaimers
- ✦ Material Storage Systems
- ✦ Bulk Storage
- ✦ Container Filling Systems
- ✦ Bin Discharge Equipment

Spares & Components

- ✦ Belt Conveyor Components
- ✦ Controls Systems
- ✦ Conveyor Chains
- ✦ Drives
- ✦ Elevator Components
- ✦ Liners
- ✦ Pulleys
- ✦ Valves



PASS – Service you can rely on.

PASS: Process Advanced Service System



Working closely with technical and production specialists from diverse industries, we've created support programs to ensure year after year of efficient, reliable performance. Because we design, manufacture, install and commission all our products, we have the expertise it takes to back our equipment with a lifetime of support. From genuine Stock replacement parts, on-site service engineers for field service support, to managing complete turnkey projects, Stock has you covered.

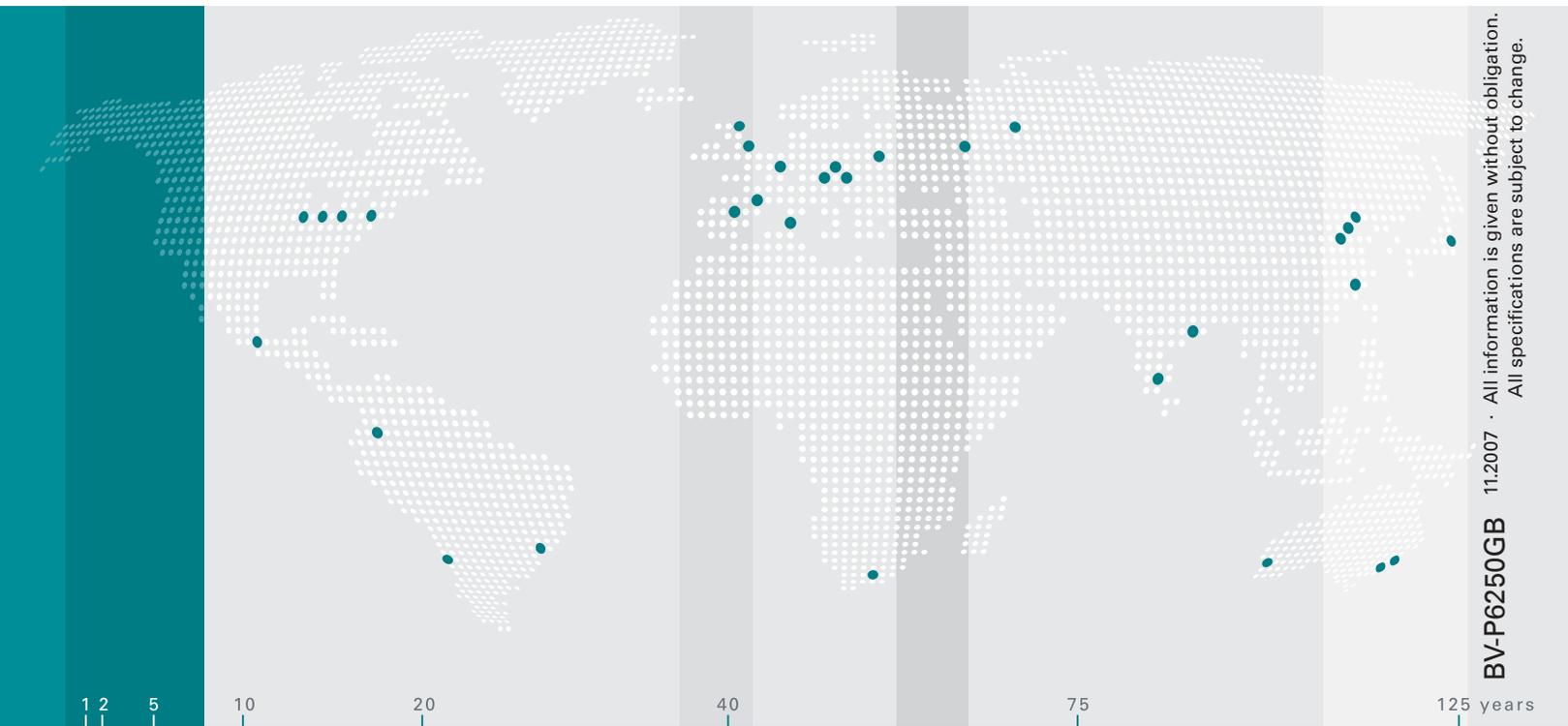
Now with our Process Advanced Service System (PASS) program, we've taken customer support to a whole new level. The most flexible, customer focused, innovative, preventive maintenance program available, PASS is tailored to meet your exact needs. And it can be easily modified as those needs change.

Created to give you peace of mind, this uncompromising commitment to customer support is just one of the many unique strengths our people put behind each and every product. Whether by optimizing performance or minimizing resource consumption, we extend the service life of your machines and therefore, increase the value of your installation.

feeding

measuring

automation



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All specifications are subject to change.

Stock Equipment Company is the global market leader of solutions for the power industry, supplying complete bulk material handling and environmental system solutions.

Stock Equipment Company develops, manufactures and markets a full range of solutions, products and systems on the basis of combining process engineering expertise, reliable components and field-proven technology.

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we make processes work