

# WOOD RESIDUALS

## Project Examples

### Charcoal Manufacturing

- Bark storage & reclaim
- Truck dumps
- Screening system
- Conveying systems

### Champion International

- Conceptual and preliminary engineering
- Conversion to industrial particleboard

### Flakeboard Ltd. – MDF & Particleboard

- Raw material screenroom
- Milling system
- Fiber capacity improvements

### Confidential Client

- Total plant engineering & environmental permitting for a greenfield MDF plant
- Revitalization of entire production line
- Greenend upgrade
- Pneumatic wood handling systems
- Greenend modernization
- Wood storage and distribution system
- Warehouse and loading

### Green Energy

- Design for 7.5 MW biomass electric power generation plant

### SierraPine Particleboard

- Raw material storage, pre-sizing, and distribution system
- Concept development and material balance for plant build-out
- Title V permit application
- Sander dust system modernization conceptual engineering



### Snowflake White Mountain Power

- Paper mill sludge- & wood-fired 200,000 PPH 850 PSIG / 750°F BFB boiler
- Truck dump unloading system
- Hog fuel stack-out & overpile reclaim system
- Boiler feed system
- 25 MW generator
- Cooling towers

### Thompson River Power

- 16.5 MW/130,000 PPH steam cogeneration plant design
- Combination coal & wood waste
- Turbine island & cooling tower design

### Wood Pellets

- Complete detail plant engineering
- Feasibility studies for plant conversions

