

Equipment Selection Guide for Biomass Energy Teams

A first-pass equipment fit guide for biomass handling, drying, pelletizing, briquetting, and boiler preparation.

Selection gates

- Start with feedstock moisture, particle size, ash, chlorine, target output, and storage condition.
- Match equipment to actual feedstock behavior rather than brochure capacity.
- Clarify whether the project needs raw-material trading support, processing equipment, or contract manufacturing.

Common equipment blocks

- Shredding and size reduction.
- Drying and moisture control.
- Pellet mill or briquette line.
- Screening, bagging, conveying, and storage.
- Boiler feed and combustion integration.