



## Chain solutions for biomass plants

***Reliable performance where corrosion, temperature and load never rest***

Biomass plants push mechanical components to the limit. High temperatures, aggressive dust, variable loads and continuous duty cycles are all part of daily operations. That's why Renold offers a full range of power transmission and conveyor chains engineered for exceptional durability, wear resistance, and smooth performance, even under the most demanding environmental and operational pressures.

### Redler drag conveyor chains

Heavy-duty forged chains or M/F series with scrapers (with or without holes), designed for transporting wood chips, agricultural waste, or RDF. These ensure reliable discharge and long service life.

- Customizable scraper width and geometry
- Stainless steel versions available for corrosive or food-adjacent waste
- Precision pitch control for accurate loading/unloading positions

### Bucket elevator chains

Used to elevate biomass feed or ash residues vertically, these chains are built to resist impact, fatigue and extreme heat conditions.

- High load-bearing bush chains
- Hardened pins and rollers
- Optimized pitch for controlled material flow

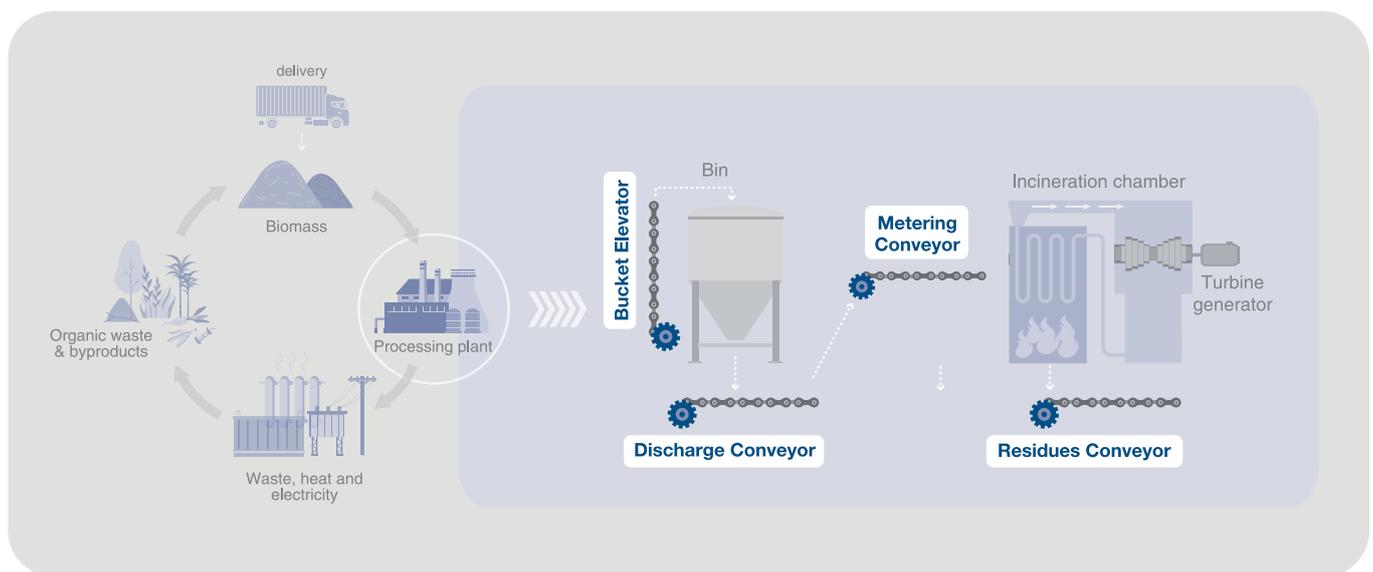
### Trough conveyor chains

Ash and residue transport demands chains that thrive in extreme heat and residue build-up.

- Suitable for inclined and horizontal applications
- Welded or bolted scrapers
- High-wear resistance for hot discharge zones

## Renold Chains types and applications in Biomass and Energy from Waste plants

### Typical process layout for Biomass Energy plant



### Typical process layout for Energy from waste plant

