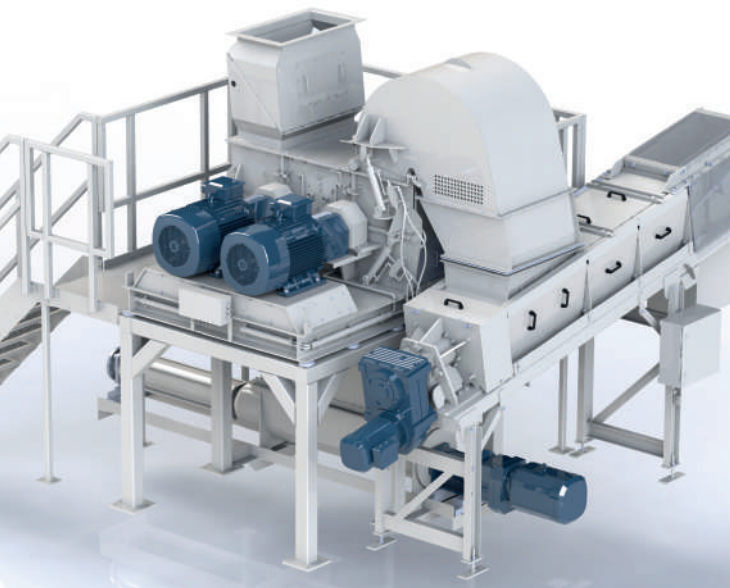


## Plant Engineering

Tietjen solutions are also individually tailored: We take into account the conditions in your country, process volumes and logistics, your building situation, characteristics of your organics to be processed and many more.

Just get in touch with us!

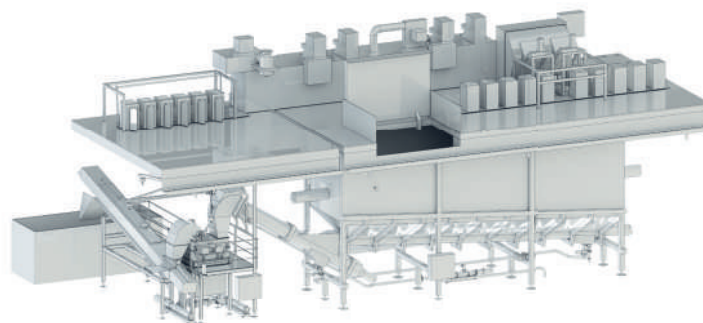


## This is Tietjen

Since 1959 we have been developing, designing and producing depackaging machines, hammer mills and waste processing technology in Germany. Complex disintegration and separation systems are our speciality.

Our machines transform food waste or agricultural substrates like solid manure, silages, beets or crops right up to biomass for the fermenter of the biogas plant.

**We develop your solution and take care of the implementation - worldwide.**



▲  
Plant engineering for food waste separation, dewatering and processing

**Get the Most Out of Your Resources**

## Processing Technology for Your Biomass and Biogas Applications

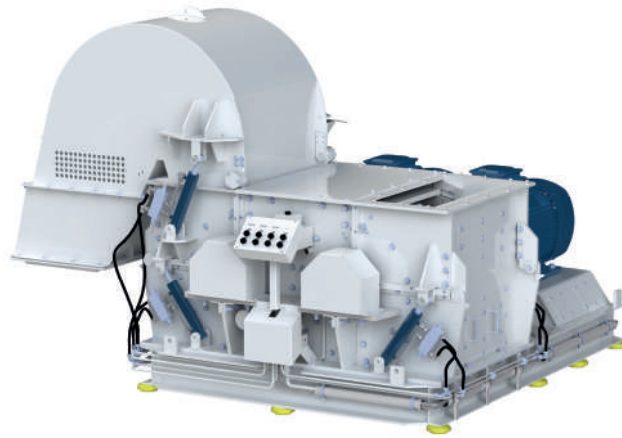
- ▶ Separation & Depackaging
- ▶ Grinding, Shredding & Crushing
- ▶ Dewatering
- ▶ Plant Engineering



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MADE IN GERMANY

# Our Product Portfolio for Energy Production

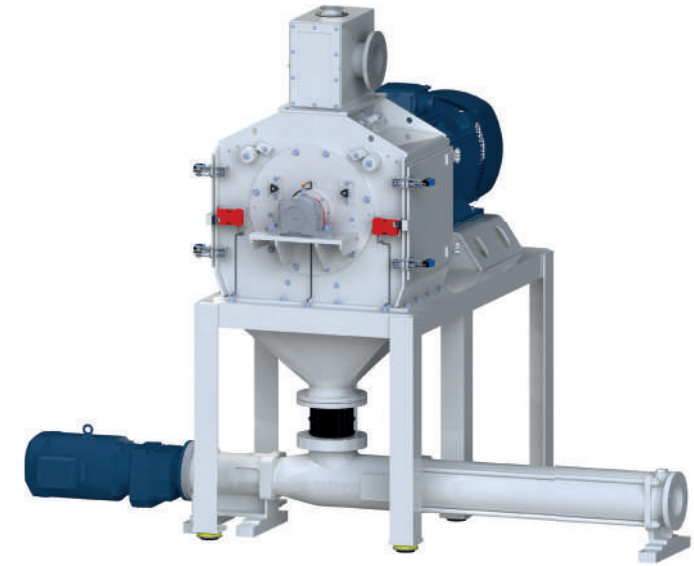


## Biomass Shredder BMS

Tietjen's biomass shredder BMS is a vertical grinder that efficiently and homogeneously processes biomass for anaerobic digestion.

### ✓ Your Advantages

- ▶ Efficient particle size reduction of even the most difficult substrates
- ▶ High throughput of more than 15t/h even for challenging material like patty straw
- ▶ Easy maintenance through build-in crane (option) and extrem high accessibility of all relevant components



## Depackaging Machine DRM

The DRM is our solution for food waste separation and processing.

### ✓ Your Advantages

- ▶ Pure organic output
- ▶ Throughput up to 25t/h
- ▶ Low water consumption
- ▶ Proven in 24/7 applications
- ▶ Double rotor setup for best separation
- ▶ More yield in combination with dewatering screw press PRS
- ▶ Even more purification in combination with 2<sup>nd</sup> cleaning step for slurry



## Tietjen Hammer Mills

Tietjen hammer mills grind biomass for energy production.

### ✓ Your Advantages

- ▶ Large variety of hammer mills for different applications
- ▶ Wet hammer mills for unpackaged biomass
- ▶ Hammer mills for wood grinding
- ▶ Hammer mill IMPRA for boosting the gas yield from existing biogas plants
- ▶ Straw mill SD ideal for fibrous materials, like rice and wheat straw