

innovative recycling  
solutions for a  
*sustainable future*



# transforming waste into *value*

Recycling isn't just about waste reduction — it's about innovation, efficiency, and creating a sustainable future. At hetech group, we push the boundaries of recycling technology, delivering high-performance solutions that transform waste into valuable resources.

Our cutting-edge recycling components help businesses optimize material use, lower operational costs, and drive the circular economy forward.



discover the power  
of precision engineering  
with our industry-leading  
recycling components



*Full-cycle solutions:*

From crushing and grinding to compacting and recycling of particle foam



*Maximum efficiency, minimal footprint:* Engineered for performance with sustainability at the core



*Smart process:*

Helping industries streamline operations and reduce waste



*Profit through purpose:*

Turning recycling into a driver of long-term profitability



*Growth redefined:*

With hitech, sustainability becomes a strategic advantage

# our solutions *for your recycling*



## recycling unit EPS

Comprehensive EPS recycling system with crushing, milling, and dedusting for a cleaner output.

### Grinding output

Adjustable between 4-20 mm, based on sieve configuration

### Models

<i>Small</i>	1000 x 600 x 300 mm input, 10 m <sup>3</sup> /h throughput
<i>Medium</i>	1200 x 1000 x 350 mm input, 10 m <sup>3</sup> /h throughput
<i>Large</i>	1200 x 1000 x 350 mm input, 20-25 m <sup>3</sup> /h throughput



## recycling unit EPP

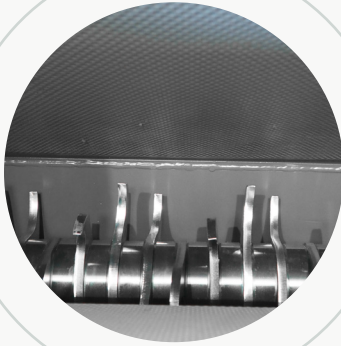
Specialized recycling for EPP materials, featuring dedusting for optimal cleanliness.

### Grinding output

Consistent 4-6mm, ideal for EPP applications

### Models

<i>Small</i>	1000 x 600 x 300 mm input, 4-5 m <sup>3</sup> /h throughput
<i>Medium</i>	1200 x 1000 x 350 mm input, 6-8 m <sup>3</sup> /h throughput



## crusher

Basic grinding unit. Ideal for preliminary size reduction without a milling unit.

### Grinding output

Produces particle sizes of 15-20 mm

### Maximum input size

1400 x 1000 x 350 mm



## compactor

High-compression waste management, reducing material density for efficient transport and storage.

### Compression ratio

40:1, effective for densities from 10-40 kg/m<sup>3</sup>

### Models

<i>Small</i>	190 x 190 x 1200 mm output, 80 kg/h throughput
<i>Medium</i>	285 x 285 x 1200 mm output, 150 kg/h throughput
<i>Large</i>	380 x 380 x 1200 mm output, 250 kg/h throughput



## mixing unit

Optimised mixing for maximum resource efficiency. Precise dosing and mixing technology for recycled materials.

### Shape mold production

- Flexible mixing ratio
- Can be integrated into the molding machine or centrally
- Flexible material combinations

### Block mold production

Powerful mixing station for large material flows

- Two silos made of antistatic fabric for fresh and recycled material
- Active dedusting system with three filter bags
- Flexible mixing ratio
- Maximum throughput: up to 5 m<sup>3</sup>/min
- Integration and operation via the block molding system control unit

# ready to optimize your *recycling process?*

hetech group – your expert  
in particle foam technology



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