



Wild and Powerful: Heger Recycling Technology





PneuMix

Heger PneuMix series mixing and dosing systems are used on moulding machines for homogeneous mixing of new EPS or EPP material with processed regranulate.



PowerMix

Heger PowerMix series mixing and dosing systems allow mixing of new EPS granulate with processed EPS regranulate for EPS block foamers with high throughput capacities.



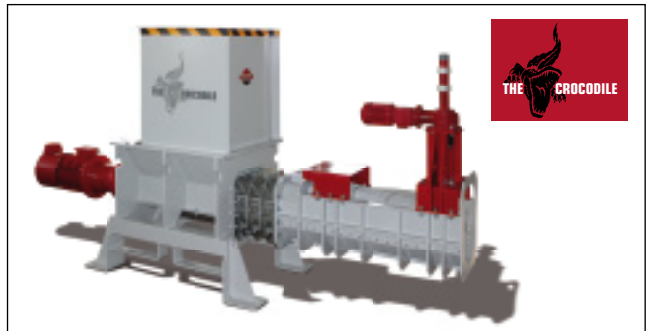
FZ-S

Heger fine crushing systems highly efficiently granulate precrushed EPS (Styrofoam®), XPS, EPP or PUR into the required particle sizes from 2 - 20 mm.



SE-S

Heger screening and dust extraction systems classify and remove dust from EPS/EPP plastic granulates.



THE CROCODILE

THE CROCODILE line of Heger drainage systems are used for solid/liquid separation and the removal of residual liquids from waste products.



THE LION

THE LION line of Heger compression systems compress bulky foam waste products made of EPS (Styropor®), XPS, EPP and EPE into easily manageable, stackable blocks without re-expansion.



THE TIGER

THE TIGER line of Heger compression systems compress bulky foam waste products made of EPS (Styropor®), XPS into easily manageable, stackable blocks.



GZ-S

The GZ-S line of Heger course crushing systems highly efficiently crush bulky mouldings made of EPS (Styropor®), XPS, EPP, EPE or PUR into 20 - 50 mm sized small pieces.



GFZ-S

The GFZ-S line of Heger course and fine crushing systems highly efficiently crush bulky mouldings made of EPS (Styropor®), XPS, EPP, EPE or PUR into the required particle sizes from 2 - 20 mm.

Careful compressing. Space-saving crushing. Effective draining.

Heger is a leading international manufacturer of recycling systems. The „Made in Germany“ quality systems crush and compress a wide range of waste materials into high-quality recyclable material, which will fetch good prices.

The range of products in our modular system includes machines for course and fine crushing with primary crusher and fine grinder, screening and dust removal systems as well as mixing, dosing and compression system for the most diverse plastics from ARCEL to XPS.



Thanks to the extremely high compression of up to 1: 50 of EPS/ Styropor®, EPE, EPP, PUR, XPS and PE foil, high disposal costs are turned into raw material revenues. Depending on use, Heger recycling systems may possess an amortisation period of less than one year.

- „Made in Germany“ quality. In contrast to cheaper competitive products, Heger machines perform perfectly over years with far fewer cost-intensive stoppages.
- Efficiency for every size of operation: The higher throughput coefficient plus an optimised operational safety of quality systems will pay off – not only for the large company but also for the small enterprise.
- Engineering with know-how: Heger also develops customised special applications for the industry
- The innovative compression systems operate with fully automatic density control: This results in „carefully compressed“, extreme homogeneous blocks with no thermic damage
- The precisely working mixing and dosing systems allow homogeneous mixing and dosing of fresh EPS/EPP granulate with EPS/EPP regranulate
- The extremely efficient draining systems empty free-flowing contents from a wide range of packaging, drain sewage sludge and industrial waste, and assume draining tasks in the plastics processing industry

Experience in the trade



Automobile industry



Caravan manufacturers



Trade



Recycling companies



Packaging manufacturers



Foil manufacturers



Construction industry



Food industry



Dairies



Sewage treatment plants

Automobile industry

- Compression of EPP load carriers

Caravan manufacturers

- Compression of insulating plates or cuttings

Trade

- Compression of EPS, EPP and EPE packaging

Recycling companies

- Compression of EPS, EPP and EPE packaging
- Separation and ejection of residual liquids from waste products

Packaging manufacturers

- Compression of scrap components, EPS / Styropor® and EPE cuttings

Foil manufacturers

- Compression of crushed marginal EPE strips

Construction industry / Mouldings manufacturers / Insulating material manufacturers

- Crushing of EPS scrap components / Styropor® for the production of regranulate
- Dust removal / EPS screening / Styropor regranulate®
- Mixing of new granulate with regranulate for manufacturing mouldings and producing blocks

Food industry

- Compression of EPS / Styropor® fish boxes

Breweries / Beverage industry

- Separation of liquids from cans and PET bottles

Dairies

- Separation of liquid or free-flowing components from plastic cups, Tetra-Pak®

Sewage treatment plants

- Draining of sewage treatment plants