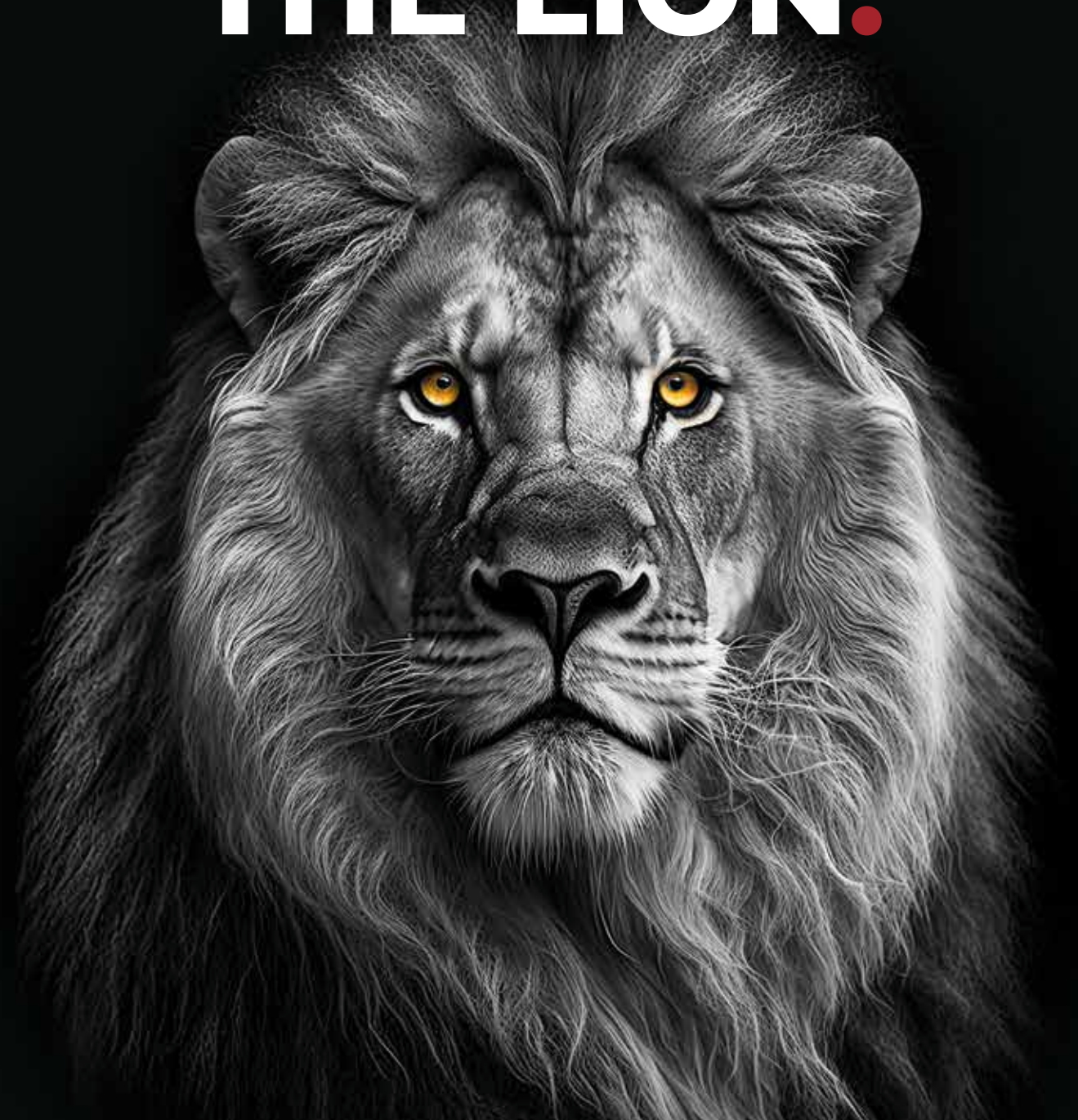


# THE LION.



**COMPACTION SYSTEMS**

Foam parts made of EPE and EPP



[www.heger-world.de](http://www.heger-world.de)



# THE LION. EXPERT | EPP+EPE

**Compaction system for foam parts made of EPP and EPE.**  
Model variant including powerful primary crusher.  
Version with block remelting technology.  
Used for daily medium to large processing quantities.  
Suitable for small to large parts.



EPP

EPE

# THE LION. EXTREME | EPP

**High-performance compaction system for foam parts made of EPP.** Model variant in space-saving design with several compactor units. Version with block remelting technology. Used for daily large to very large processing quantities. Suitable for small to very large parts.



EPP

## Sizes / Variants

- **LION 200** | up to 40 kg/h
- **LION 300** | up to 100 kg/h
- **LION 400** | up to 180 kg/h

## Materials

EPP molded parts and packaging  
EPP load carriers  
EPE foam, cross-linked  
EPE foam, not cross-linked

## Industries

Automotive industry + suppliers  
EPP or EPE packaging manufacturers  
Specialist disposal companies  
Recycling companies

## Options

Automatic block separation system  
Block lifting crane with gripper  
Feeding conveyor

## Sizes / Variants

- **LION 400x2** | up to 350 kg/h
- **LION 400x3** | up to 500 kg/h

## Materials

EPP molded parts and packaging  
EPP load carriers

## Industries

Automotive industry + suppliers  
EPP packaging manufacturers  
Specialist disposal companies  
Recycling companies

## Options

Automatic block separation system  
Block lifting crane with gripper  
Feeding conveyor



# THE LION. EXTREME | EPE

**High-performance compaction system for foam parts made of EPE.** Model variant in space-saving design with several compactor units. Version with block remelting technology. Used for daily large to very large processing quantities. Suitable for small to very large parts



EPE

## Sizes / Variants

- **LION 400x2** | up to 300 kg/h
- **LION 400x3** | up to 450 kg/h

## Materials

EPE molded parts and packaging  
EPE foam, cross-linked  
EPE foam, non-crosslinked  
EPE foam film

## Industries

Specialist disposal companies  
Recycling companies

## Options

Automatic block separation system  
Block lifting crane with gripper  
Feeding conveyor

# THE LION. BOX | EPP+EPE

**Mobile compaction system for foam parts made of EPP and EPE.** Model variant integrated in a roll-off container. Version with block remelting technology. Used for daily medium to large processing quantities. Suitable for small to large parts.



EPP

EPE

# THE LION. POWER-LINE | EPP

**High-performance compaction systems for foam parts made of EPP.** Model variant with intermediate silo and use of several compactor units. Version with block remelting technology. Used for very large daily processing quantities. Suitable for small to very large parts.



EPP

## Sizes / Variants

- **LION 200** | up to 40 kg/h
- **LION 300** | up to 100 kg/h
- **LION 400** | up to 180 kg/h
- **LION 400x2** | up to 350 kg/h

## Materials

EPP molded parts and packaging  
EPP load carriers  
EPE foam, cross-linked  
EPE foam, not cross-linked

## Industries

Automotive industry + suppliers  
EPP or EPE packaging manufacturers  
Specialist disposal companies  
Recycling companies

## Options

Automatic block separation system  
Block lifting crane with gripper

## Sizes / Variants

- **LION 200** | up to 40 kg/h
- **LION 300** | up to 100 kg/h
- **LION 400** | up to 180 kg/h

## Materials

EPP molded parts and packaging  
EPP load carriers

## Industries

Automotive industry + suppliers  
EPP packaging manufacturers  
Specialist disposal companies  
Recycling companies

## Options

Automatic block separation system  
Block lifting crane with gripper  
Feeding conveyor  
Individually customized silo size

# THE LION. SILO | EPP

## Compaction systems for pre-shredded EPP.

Model variant for direct connection to a silo. Version with block remelting technology. Used for daily medium to very large processing quantities. Suitable for part sizes up to 80 mm.



EPP

## Sizes / Variants

- **LION 200** | up to 40 kg/h
- **LION 300** | up to 100 kg/h
- **LION 400** | up to 180 kg/h

## Materials

EPP pre-shredded  
EPP granulate

## Industries

EPP packaging manufacturers  
Specialist disposal companies  
Recycling companies in general  
Recycling companies for plastic waste

## Options

Automatic block separation system  
Block lifting crane with gripper  
Customized silo



# THE LION. MATERIALS | EXAMPLES

EPP molded parts and packaging | EPP load carriers | EPE foam cross-linked | EPE foam not cross-linked



EPE production waste, flexible foam



EPP insulation box



Block of EPE, not cross-linked



EPE production waste



Block of EPE, not cross-linked



EPE production waste



Block of EPE, cross-linked



EPP load carriers



Block of EPP

# THE LION. PRODUCT LINE | EXAMPLES

LION EPP + EPE



# THE BEASTS.

## THE TIGER.

Compaction systems  
for foam parts made of EPS, XPS  
and PUR rigid foam.

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## THE LION.

Compaction systems  
for foam parts made of  
EPE and EPP.

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## THE CROCODILE.

Dewatering and separation systems  
for packaged free-flowing contents, moist  
fiber, waste or recyclable material flows.

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## THE PANTHER.

Compaction systems  
for waste and recyclable materials.

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## THE PHOENIX.

Compaction system  
for hazardous and  
non-hazardous AMW material.

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## THE T-REX.

Shredding systems  
for foam parts, foam boards  
and cardboard packaging.

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## THE RAPTOR.

Granulation systems  
for foam parts or foam sheets.

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## THE FALCON.

Screening and de-dusting systems  
for granules made of EPS or EPP.

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## THE LUX.

Mixing and dosing systems  
for granules made of EPS or EPP.

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