



**THE TIGER – Maximal reduction in volume
with minimum energy expenditure**





Operating display panel with function keys. Seven application programs can be adapted, as required, to a wide range of materials.



To ensure maximum operational safety, only high-quality components from reputable manufacturers are integrated in the control cabinet.



The sensor-monitored filling level with control window ensures a fully automatic operation with no overfilling or idling.



Robust engineering drive. Two strong gear motors drive the primary crusher's cutter shafts.



An efficient primary crusher with two cutting blade shafts crushes the parts into 20-50 mm sized small pieces.



THE TIGER:
Efficiency via technical perfection.

Clean processing of damp EPS fish boxes without rust stains via robust stainless steel pressure channel.



A water-cooled pressure channel ensures a long duty cycle and therefore maximum productivity.



The fully automatic pressure regulator (ADC) with lifting spindle technology (no hydraulics or pneumatics) enables the production of highly compressed blocks.



All components are designed in such a way that they are able to withstand extreme pressures even in continuous operation over years.



The dimensionally stable block ejected at an even speed at the machine outfeed is easy to separate, palletise and use for recycling.



Durable. Robust. Safe.

The Heger THE TIGER line uses innovative technology to compress bulky foam waste EPS (Styropor®) extremely efficiently into easy to manage, stackable blocks – with no re-expansion. The extreme reduction in volume thus achieved (in the ratio of 40:1) does not only produce a considerable saving in transport and disposal costs, but the blocks produced can be also recycled as raw material, therefore contributing to a rapid amortisation.

Technical features

- Optimal compressing results thanks to a performance-oriented machine concept
- Long service life thanks to a robust engineering drive
- High degree of operational safety thanks to electromotive drives with no hydraulics or pneumatics
- Customisable thanks to a modular overall construction concept
- Efficient workflow thanks to fully automatic pressure regulation – ADC (automatic density control) with predetermined breaking point function and freely programmable block length
- Also clean processing of damp EPS waste material without rust stains via robust stainless steel pressure channel.
- Hours long operation without overheating plus fusion via optional water-cooled pressure channel
- Comfortable, fully automatic operation thanks to state-of-the-art control
- Highly efficient thanks to low operating and maintenance costs
- Simple commissioning thanks to plug-in delivery
- CE labelling



THE TIGER – The specialist for EPS (Styropor®). Even EPS insulating plates containing fire-retardant additives, XPS or damp EPS fish boxes can be processed.



THE TIGER compression line can be operated for many hours without personnel and considerably increases efficiency when used with large amounts.



Thanks to the extremely high compression of up to 1: 40 of EPS / Styropor®, high waste disposal costs turn into raw material revenues. Depending on use, Heger recycling systems may possess an amortisation period of less than one year.



Compression systems in compact design

Size / Variants	Throughput (Kg/h)	Daily amounts (Kg/Day)	Achievable density (Kg/m ³)	Block dimensions (mm)
TIGER 130	10-15	40-60	200-250	130 x 130
TIGER 200	40-60	50-200	200-350	210 x 210
TIGER 300	80-120	200-500	250-350	320 x 320
TIGER 400	150-200	400-1000	250-350	400 x 400

Compression systems with buffer silo

Size / Variants	Throughput (Kg/h)	Daily amounts (Kg/Day)	Achievable density (Kg/m ³)	Block dimensions (mm)
COMPRESSION-Line TIGER 200	40-60	100-400	200-350	210 x 210
COMPRESSION-Line TIGER 300	80-120	400-800	250-350	320 x 320
COMPRESSION-Line TIGER 400	150-250	600-1500	250-350	400 x 400
COMPRESSION-Line TIGER 400x2	300-500	1200-3000	250-350	400 x 400
COMPRESSION-Line TIGER 400x4	600-1000	2500-6000	250-350	400 x 400



Caravan manufacturers



Insulation material manufacturers



Disposal companies



Trade / Department stores



Fish industry



Mouldings manufacturers

Experience in the trade

Caravan manufacturers

- Compression of insulating plates or EPS / Styropor®, XPS cuttings

Insulation material manufacturers/Construction industry

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

Disposal companies

- Compression of EPS / Styropor® packaging

Trade/Department store chains/electronic stores

- Compression of EPS / Styropor® packaging

Food industry

- Compression of EPS / Styropor® fish boxes

Mouldings manufacturers

- Compression of EPS / Styropor® scrap components