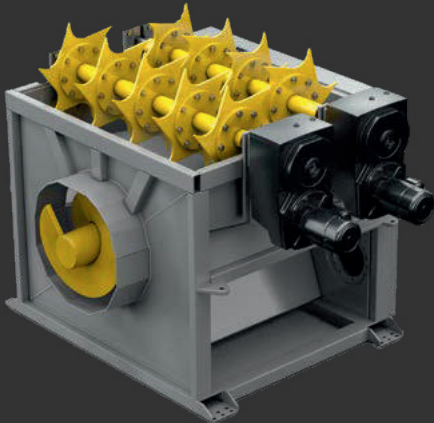




FORWARD- LOOKING & SUSTAINABLE
DISPOSAL TECHNOLOGY



SCREW COMPACTORS

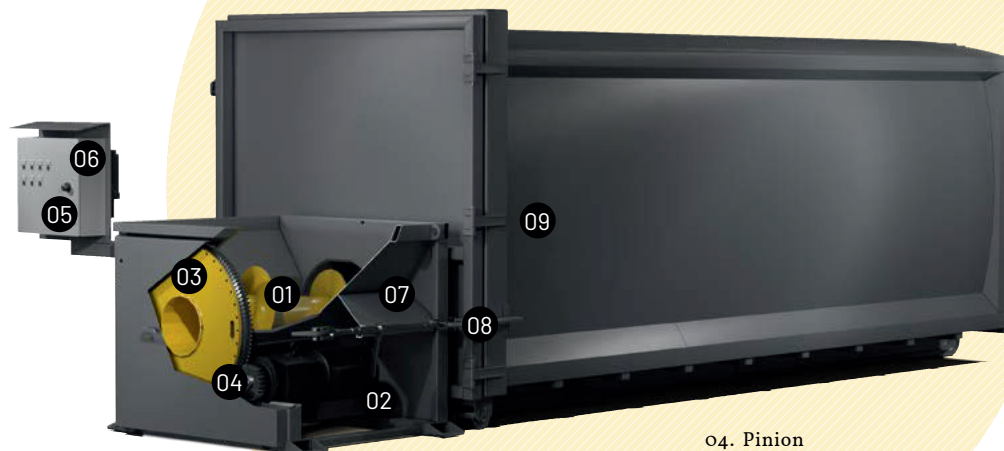


H&G SCREW COMPACTORS

THE PRINCIPLE

Compact and Most Efficient

Our screw compactors can process almost anything. Thanks to their compact design and the electromechanical direct drive, H&G screw compactors are highly reliable and low maintenance. Their most prominent attributes are their durability and their robust and easy to operate design. The specially designed, separately driven H&G repressing devices are attuned to the respective waste or recyclables fraction thus ensuring a smooth processing even when compacting large dimensions or special material.



- 01. Screw spiral
- 02. Main drive motor
- 03. Bearing of the screw spiral

- 04. Pinion
- 05. Control
- 06. Central lubrication unit
- 07. Machine ratchet
- 08. Locking catch
- 09. Container

→ YOUR BENEFITS

- *High filling weights, up to 8 tons of cardboard and up to 9 tons of wood - in a 32 m³ container*
- *Reduction of transport costs and CO₂ emissions*
- *High throughput: 50 to 250 m³/h*
- *Optimization of process costs and internal processes*
- *Compact and robust design, Made in Germany*

Filling weights

Material	Compaction
Cardboard	250 kg/m ³
Heavy duty cardboard	250 kg/m ³
Mixed waste	300 kg/m ³
Foil ³	200 kg/m ³
Wood	250 kg/m ³
PET bottles, compactor without deformer	150 kg/m ³
PET bottles, compactor with deformer	200 kg/m ³

SMALL-SIZE



Screw compactor without feeding device

Material: mixed waste, foil, styrofoam



Screw compactor with feeding device whirler

Material: paper, small cardboard

STANDARD-SIZE



Screw compactor without feeding device

Material: mixed waste, foil, plastic composite material, pre-shredded PET bottles



Screw compactor with feeding device whirler

Material: paper, small cardboard

LARGE-SIZE



Screw compactor with feeding device wood breaker

Material: on-way pallets, euro-pallets, small boxes, fruit boxes, furniture wood

X-LARGE SIZE



Screw compactor without feeding device

Material: mixed waste, plastics, composite material



Screw compactor with feeding device cardboard pre-crusher

Material: large cardboard, octabins, cardboard



Screw compactor with feeding device wood breaker

Material: one-way pallets, euro pallets, large boxes, furniture wood



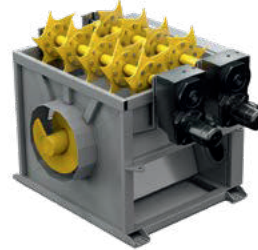
Screw compactor with feeding device for heavy duty cardboard with 1 shaft

Material: paper, smaller cardboard



Screw compactor with feeding device for heavy duty cardboard with 2 shafts

Material: cardboard, large cardboard



Screw compactor with feeding device cardboard pre-crusher

Material: large cardboard, octabins, cardboard

XX-LARGE SIZE



Twin screw compactor single chamber without feeding device

Material: mixed waste, foil, plastics, composite materials



Twin screw compactor single chamber with feeding device wood breaker

Material: large wooden boxes, furniture wood



Twin screw compactor double chamber with or without feeding device

Material: optional for paper, cardboard, pre-shredded PET bottles, mixed waste, foil



Smart Control Technology

Following the trend towards digitalization H&G offers innovative smart control system for the screw compactors which ensure remote diagnosis and remote adaptation of various parameters for process optimization and increased efficiency.

Automatic filling level reports per e-mail facilitate your disposal logistics and allows an analysis of the individual filling level performance.

Dewatering screw compactor



Automatic Guided Transport Systems

Automatic guided transport systems help automate the in-house waste logistics by transporting the waste inside the premises without using manpower. Together with the Dutch company AGVR, H&G has developed a fully automated transport system for your waste and recyclables.

You already have automatic guided transport systems in use? We can also integrate these into our disposal technology.



Tipping Devices

Tipping devices are used in production plants and business enterprises where general waste and recyclables are collected centrally before being compacted. Tipping devices, mobile or stationary, can be used with DIN standard containers or, with the corresponding modifications, with special containers as well.

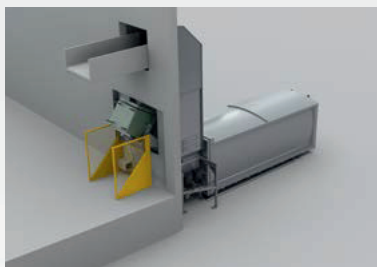
OPTIONS OF INSTALLATIONS



Loading from ramp



Variations of connection to the building



Variations of connection to the building including tipping device and conveyor belt



Screw compactor with deformer

Material: dewatering and destruction of PET and plastic bottles



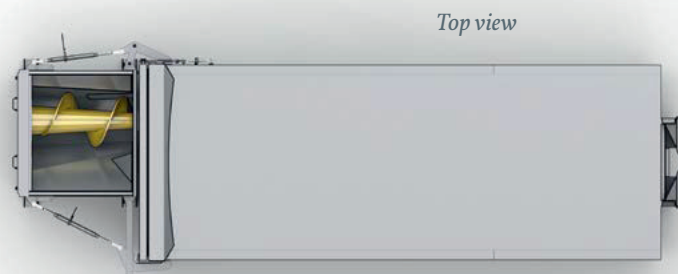
Screw compactor with hydraulic pressing channel

Material: dewatering of fruits and vegetables, food packaging



Screw compactor with hydraulic pressing channel

Material: dewatering of residual material, rejects

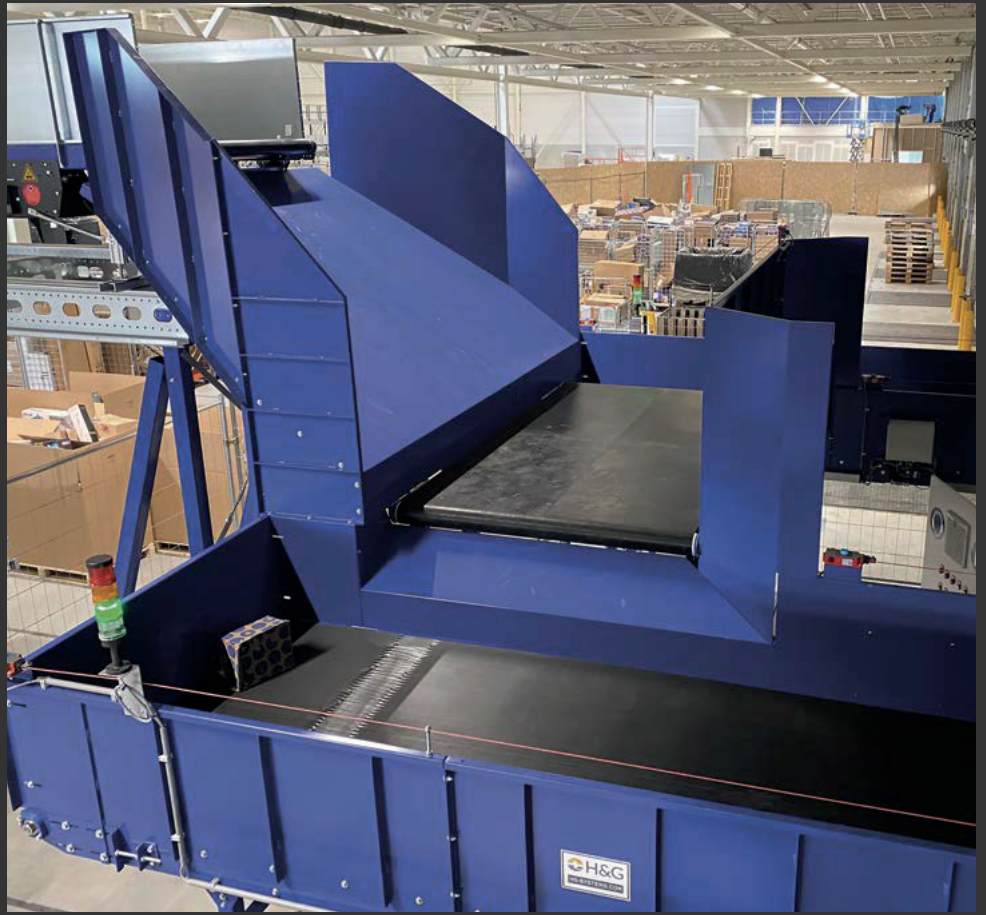


Top view

1475 mm 6650 mm container 32 m³ | 5350 mm container 26 m³

Concrete ground plate approx. 9000 x 3500 mm









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