

H&G  
AUGER COMPACTORS

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VERTECH

## WHY CHOOSE H&G AUGER COMPACTORS?

- ✓ **High Compaction Efficiency**  
Achieves superior compaction rates
- ✓ **Continuous Operation**  
Runs non-stop with minimal maintenance
- ✓ **Versatile Applications**  
Processes common materials like cardboard, plastic, through general waste
- ✓ **Durable Engineering**  
Built to ensure long-lasting, reliable performance.
- ✓ **Flexible installation**  
stand-alone, wall-mounted, or conveyor system.

# HIGHLY EFFICIENT & COMPACT

Vertech is the premium equipment range by Waste Initiatives, created for serious operators seeking high-performance waste processing solutions. Backed by international engineering and supported locally with Australian-based service and spare parts, Vertech delivers exceptional durability, efficiency, and reliability.

**H&G, a global leader in waste compaction technology, specialises in high-performance auger compactors designed for continuous operation.**

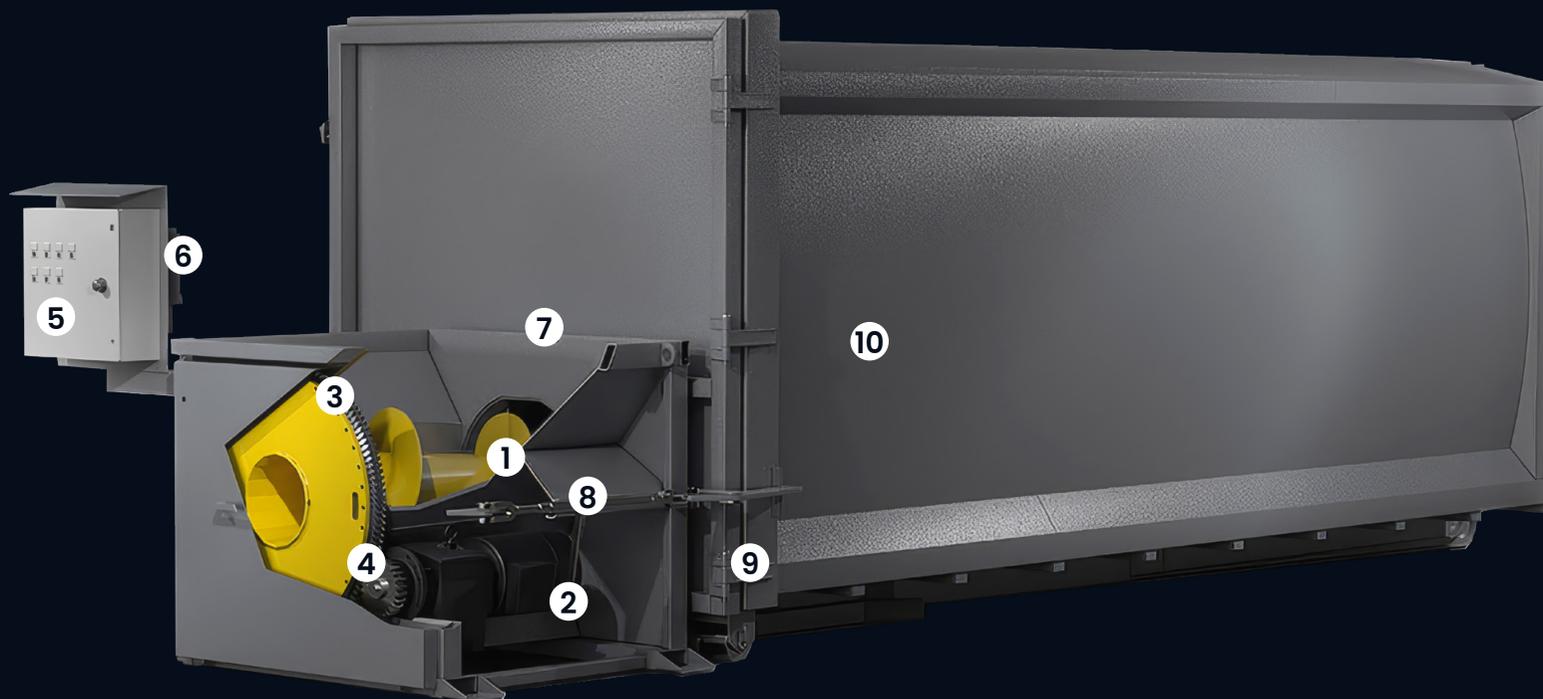
With over 60 years of innovation and more than 8,000 units installed globally, H&G's solutions are built for reliability and efficiency.

H&G auger compactors deliver higher filling weights than standard hydraulic presses, making them ideal for managing bulky or high-volume waste. Specialised feeding mechanisms handle a wide range of materials, ensuring consistent, high-throughput performance.



UP TO **100%** MORE  
FILL WEIGHT COMPARED TO  
HYDRAULIC COMPACTION

UP TO **50%** REDUCTION  
IN CO<sup>2</sup> EMISSIONS



- |                         |                             |
|-------------------------|-----------------------------|
| 1. Auger spiral         | 6. Central lubrication unit |
| 2. Main drive motor     | 7. Optional feeding device  |
| 3. Auger spiral bearing | 8. Machine ratchet          |
| 4. Drive pinion         | 9. Locking catch            |
| 5. Control unit         | 10. Removable container     |

#### FILLING WEIGHTS

Paper and cardboard	Up to 250 kg/m <sup>3</sup>
Heavy duty cardboard	Up to 250 kg/m <sup>3</sup>
Residual waste	Up to 300 kg/m <sup>3</sup>
Foils	Up to 200 kg/m <sup>3</sup>
Wood	Up to 250 kg/m <sup>3</sup>
PET bottles without deformer	Up to 150 kg/m <sup>3</sup>
PET bottles with deformer	Up to 200 kg/m <sup>3</sup>



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# AUGER COMPACTORS

**The Single Auger Compactor is ideal for sites with limited space and frequent loading.**

It maximises bin weights for cardboard and effectively compacts diverse waste streams, including wet and sticky materials. Featuring a compact design, electro-mechanical direct drive, and low-maintenance operation, it ensures smooth handling of bulky or challenging loads with minimal upkeep.

**For heavy-duty industrial applications, the Twin Auger Compactor delivers unmatched efficiency in managing high-volume waste streams.**

Engineered to handle demanding materials such as timber pallets and oversized cardboard boxes, the dual-auger design enhances throughput and reliability for robust waste processing.

With intuitive controls and customisable feeding options, both models streamline waste handling while ensuring long-lasting performance.

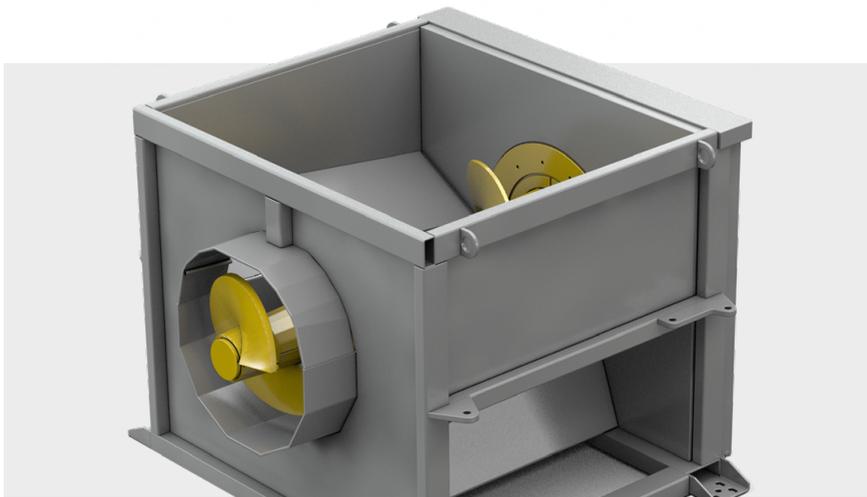


# SINGLE AUGER

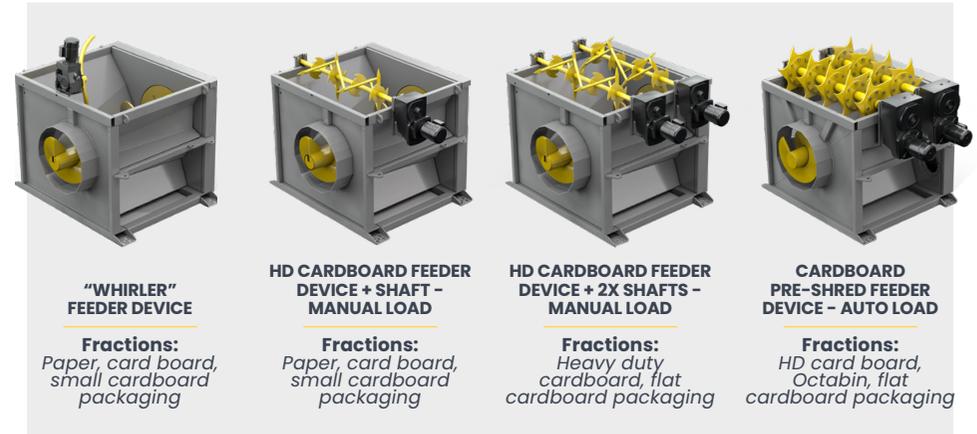
## STANDARD SIZE

### SINGLE AUGER - NO FEEDER DEVICE

**Fractions:**  
Residual waste, foils, polystyrene, pre-crushed PET bottles



## STANDARD SIZE WITH FEEDERS



**"WHIRLER" FEEDER DEVICE**

**Fractions:**  
Paper, card board, small cardboard packaging

**HD CARDBOARD FEEDER DEVICE + SHAFT - MANUAL LOAD**

**Fractions:**  
Paper, card board, small cardboard packaging

**HD CARDBOARD FEEDER DEVICE + 2X SHAFTS - MANUAL LOAD**

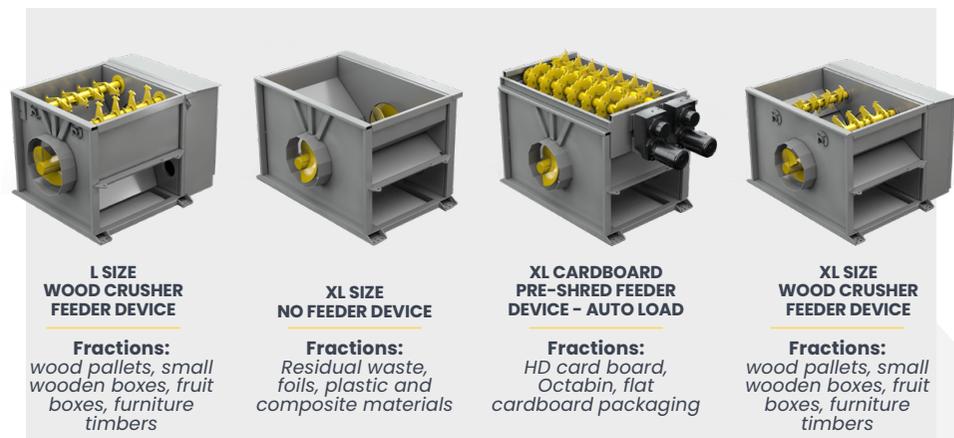
**Fractions:**  
Heavy duty cardboard, flat cardboard packaging

**CARDBOARD PRE-SHRED FEEDER DEVICE - AUTO LOAD**

**Fractions:**  
HD card board, Octabin, flat cardboard packaging

*Single auger compactor are also available as a small size in a mobile or stationary solution. It is used when waste volumes are high but space is limited.*

## LARGE SIZE WITH FEEDERS



**L SIZE WOOD CRUSHER FEEDER DEVICE**

**Fractions:**  
wood pallets, small wooden boxes, fruit boxes, furniture timbers

**XL SIZE NO FEEDER DEVICE**

**Fractions:**  
Residual waste, foils, plastic and composite materials

**XL CARDBOARD PRE-SHRED FEEDER DEVICE - AUTO LOAD**

**Fractions:**  
HD card board, Octabin, flat cardboard packaging

**XL SIZE WOOD CRUSHER FEEDER DEVICE**

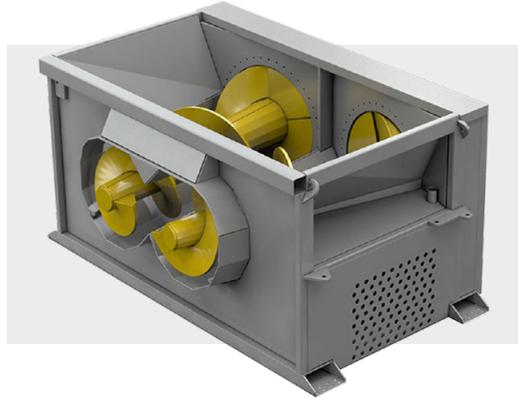
**Fractions:**  
wood pallets, small wooden boxes, fruit boxes, furniture timbers

# TWIN AUGER

## XX-LARGE SIZE

TWIN AUGER -  
NO FEEDER DEVICE

**Fractions:**  
Residual waste, foils,  
plastic and composite  
materials



## XX-LARGE SIZE WITH FEEDERS



XXL SIZE, SINGLE CHAMBER, WITH  
WOOD CRUSHER FEEDER DEVICE

**Fractions:**  
large wooden boxes,  
furniture timbers



XXL SIZE, TWIN CHAMBER, WITH  
AND WITHOUT FEEDER DEVICE

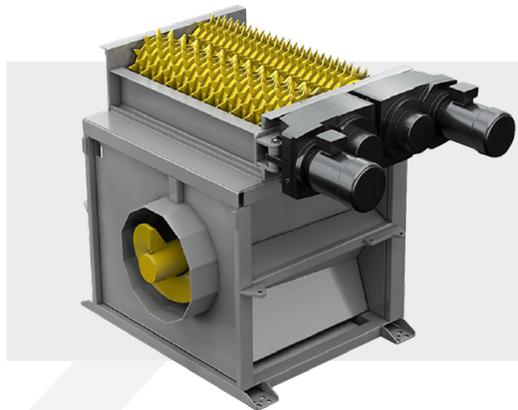
**Fractions:**  
optionally for paper,  
cardboard, pre-crushed PET  
bottles, residual waste; foils

# DEWATERING

## DEWATERING AUGER

EQUIPPED WITH A PET  
BOTTLE DEFORMER

**Fractions:**  
Dewatering and  
destruction of PET  
and plastic bottles

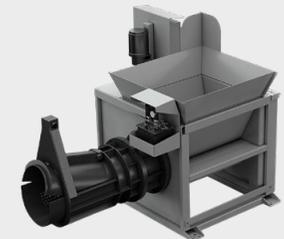


## DE-WATERING & DEVICES



EQUIPPED WITH A  
HYDRAULIC PRESS CHANNEL

**Fractions:**  
Dewatering of fruit  
and vegetables, food  
outer packaging



EQUIPPED WITH A  
HYDRAULIC PRESS CHANNEL

**Fractions:**  
Dewatering of residuals  
and rejects

# SMART CONTROLS

Following the Industry 4.0 trend in waste disposal technology, H&G supplies innovative Smart controls for Screw Compactors to enable remote diagnostics and the adjustment of various parameters for process optimisation and increased efficiency.

Automatic "80% Full" and "Container Full" messages by e-mail make sure you always have disposal logistics under control.

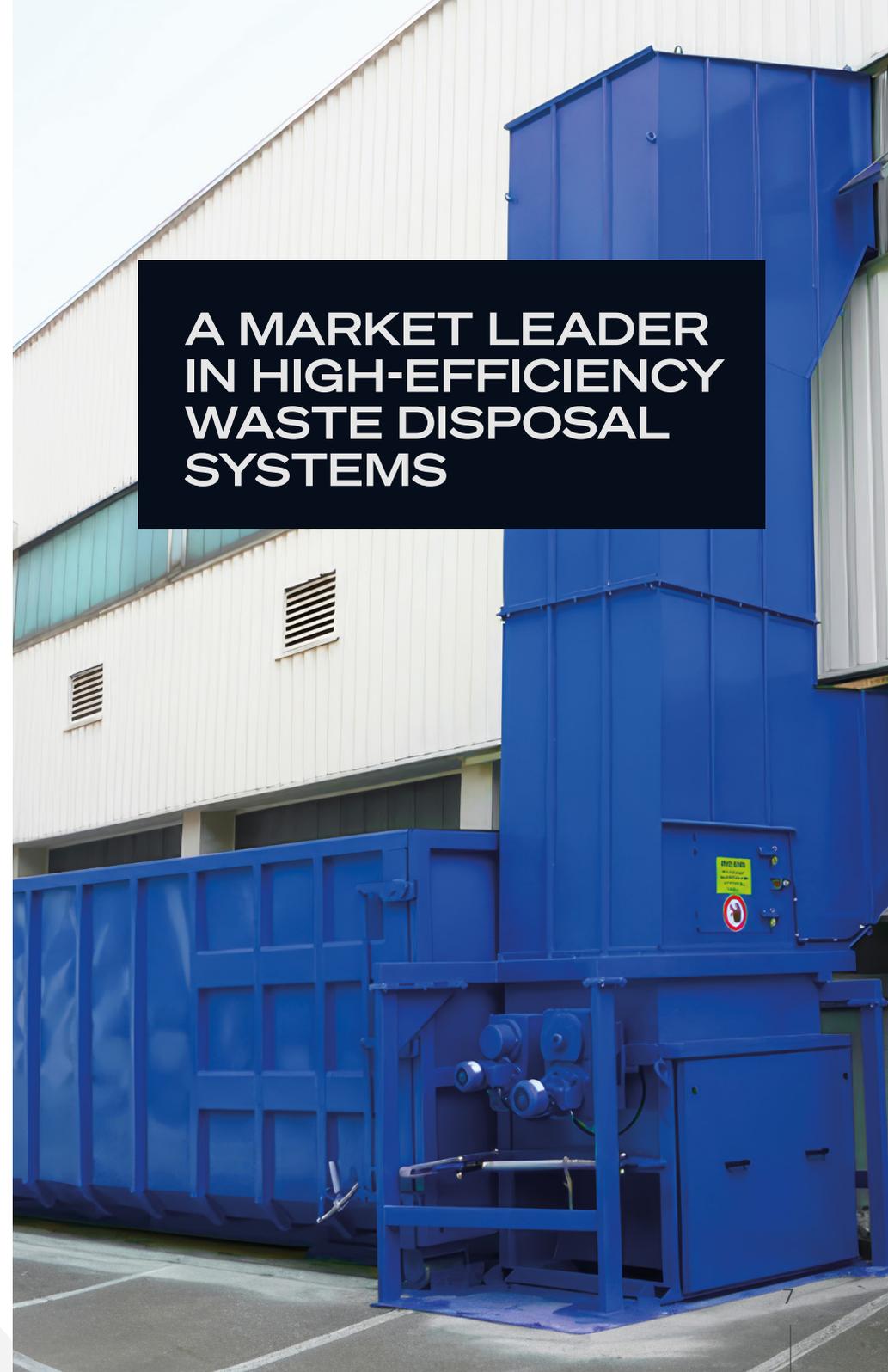


An online platform allows visualisation and processing of the data transmitted to the portal by Smart Control.



Vertech offer a range of equipment that compliment or complete the H&G auger compaction systems, including Bin Lifters, Hoppers, Chutes, Conveyors, and Containers.

**A MARKET LEADER  
IN HIGH-EFFICIENCY  
WASTE DISPOSAL  
SYSTEMS**



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