

G120 STATIC COMPACTOR



ENGINEERING SOLUTIONS FOR THE WASTE & RECYCLING INDUSTRIES

The Gradeall G120 is a large capacity static compactor designed and manufactured for use with a wide range of compressible materials such as cardboard, plastics, green waste and general household waste.

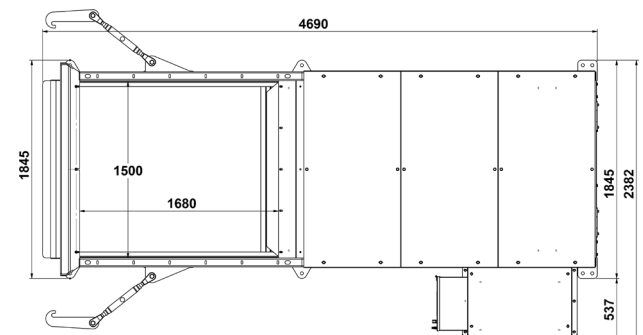
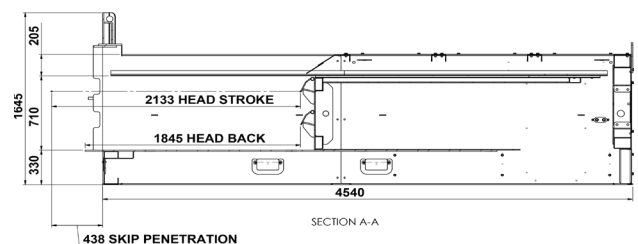
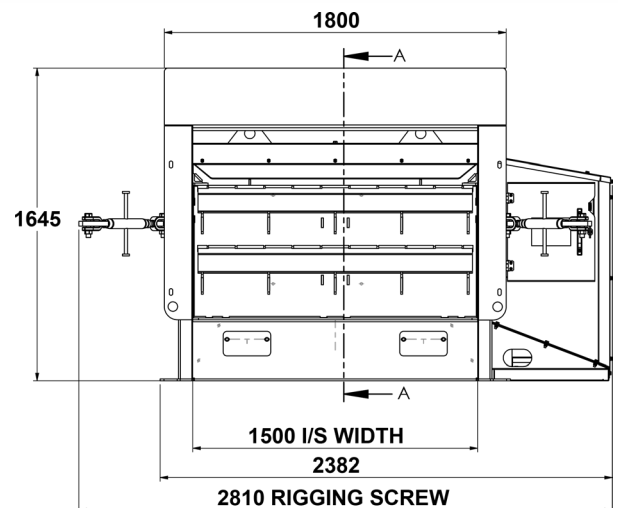
The G120 offers superb levels of versatility, and durability. Thanks to a modular design layout a wide range of options are available to suit material feed requirements. These include walkways, manual load hoppers, chute/conveyor feed systems, bin lifts and many more. The G120 can be made to suit specific customer requirements.

- Compact Design - Multiple loading options available including deck loading, ground loading, bin lift, chute fed and much more.
- Ready to use with a 415V 3 phase supply
- Simple and easy to operate controls housed in a weatherproof IP55 housing. Lockable vandal proof covers available.
- Designed and tested to work with any CHEM complaint containers.
- 3D CAD drawings and renderings to provide realistic site drawings prior to ordering
- Intelli-Fill remote monitoring and diagnostics system built in. Provides automatic alerts when container is full.



Pictured: G120 with bin lift system

Model	G120
Height (mm)	2250
Length (mm)	4580
Width (mm)	1800
Width (mm) including accessories	2870
Power supply	415v 3 Phase
Cycle time (Seconds)	62: 32 forward, 20 backward
Compaction force (Tonne)	27
Motor Size (KW)	7.5
Charge box capacity (m³)	2.4
Swept volume of waste (m³)	2.2
Penetration into container (mm)	438
Machine Weight (Kg)	3600
Clear top opening WxL (mm)	1500 x 1680
Running Pressure (Bar/PSI)	180/2600
Maximum Pinning Pressure (Bar/PSI)	200/2900
Ram Rod / Bore (mm)	80 / 125
Ram Stroke (mm)	2133
Head face area (m²)	1.05



Note: Dimensions can vary due to design revisions, and specific options selected. Gradeall will provide 3D CAD generated drawings for site layouts when ordering equipment.



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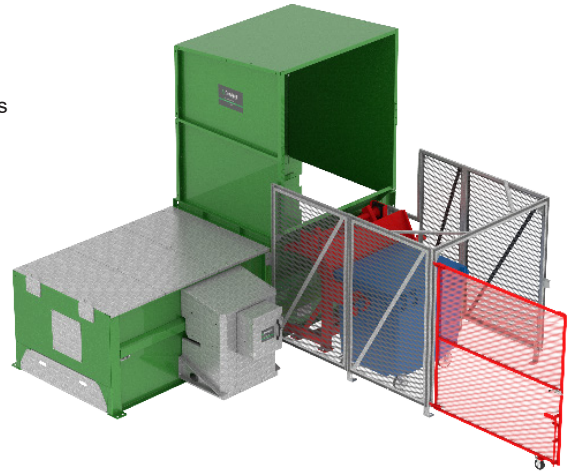


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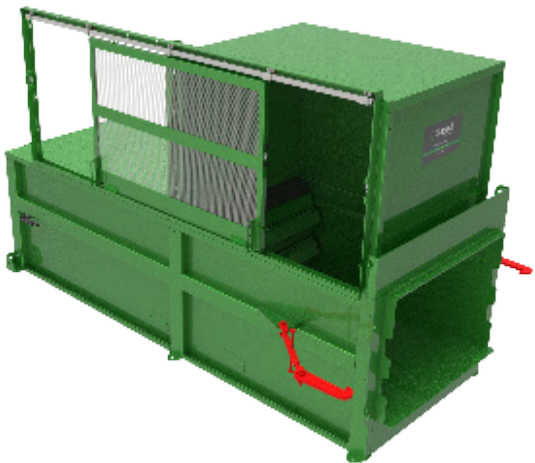
Bin Lift System

- Lifts up to 1100 litre wheelie bins via comb or trunnion lift.
- Interlocked safety cage fitted as standard, door position and orientations made to suit site layouts.
- Different cage configurations available; door side, door opening, single or double doors.
- Deck mounted bin lift also available.
- Optional remote panel placed outside the cage.
- Bin lift specific hopper fitted to compactor.



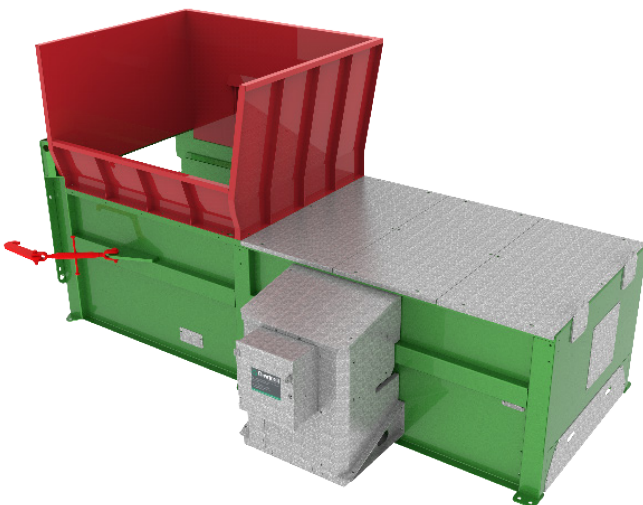
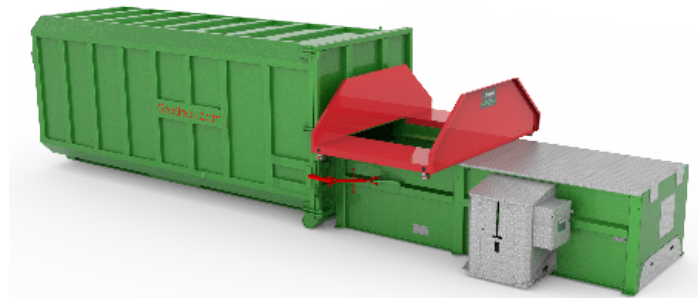
Sliding Door Hopper

- Lockable sliding door for easy manual feeding of large materials.
- Magnetic interlock system prevents operation when door is open.
- Door can be placed on left or right side of machine.
- 1295mm loading height.



Open Top Hopper

- Ideal for large bulky pieces of waste.
- Allows for loading from both sides, one sided version available.
- Fitted with emergency stops at each corner (4 in total) for enhanced safety.



Tipping Skip Hopper

- Allows material to be tipped in via tipping skip or telescopic shovel.
- Can be positioned on either left or right side of machine.
- Extra wide sides available for loose material.
- Optional rear access door for manual material entry on other side of hopper to keep pedestrians away from moving vehicles.