

# G90 STATIC COMPACTOR



## ENGINEERING SOLUTIONS FOR THE WASTE & RECYCLING INDUSTRIES

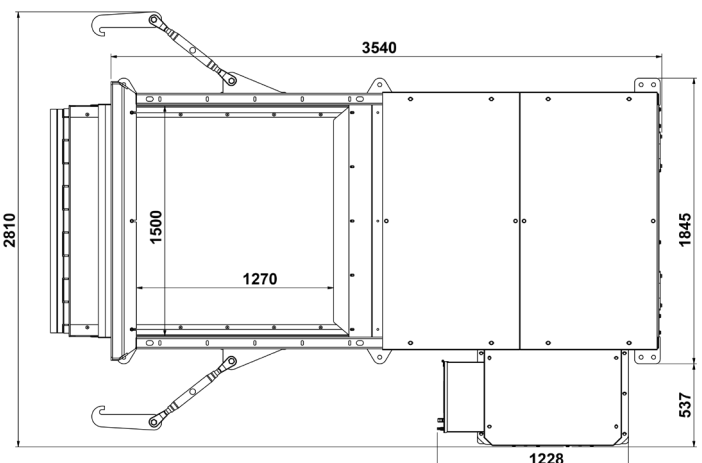
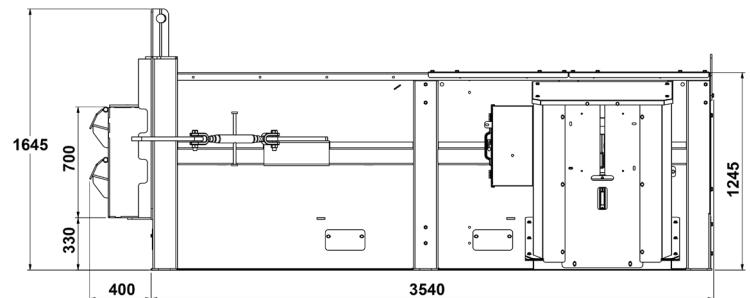
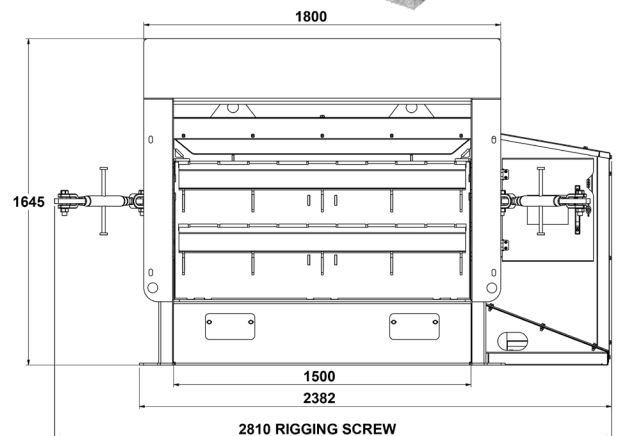
The Gradeall G90 is a medium sized static waste compactor designed and manufactured for use with a wide range of compressible materials including but not limited to; cardboard, plastics, green waste, and general waste.

The G90 offers superb levels of versatility, and durability. With a wide range of options including walkways, manual loading hoppers, forklift or conveyor fed systems, bin lift systems and many more options. The G90 has been particularly popular with councils and adapts seamlessly to the needs of amenity sites.

- 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: G90 with Sliding Door Hopper*



| Model                              | G90                         |
|------------------------------------|-----------------------------|
| Height (mm)                        | 1645                        |
| Length (mm)                        | 3540                        |
| Width (mm)                         | 1800                        |
| Width (mm) including accessories   | 2810                        |
| Power supply                       | 415v 3 Phase                |
| Cycle time (Seconds)               | 50; 26 forward, 24 backward |
| Compaction force (Tonne)           | 27                          |
| Motor Size (KW)                    | 7.5                         |
| Charge box capacity (m³)           | 1.9                         |
| Swept volume of waste (m³)         | 1.7                         |
| Penetration into container (mm)    | 400                         |
| Machine Weight (Kg)                | 3100                        |
| Clear top opening WxL (mm)         | 1500 x 1270                 |
| Running Pressure (Bar/PSI)         | 180/2600                    |
| Maximum Pinning Pressure (Bar/PSI) | 200/2900                    |
| Ram Rod / Bore (mm)                | 80 / 125                    |
| Ram Stroke (mm)                    | 1676                        |

**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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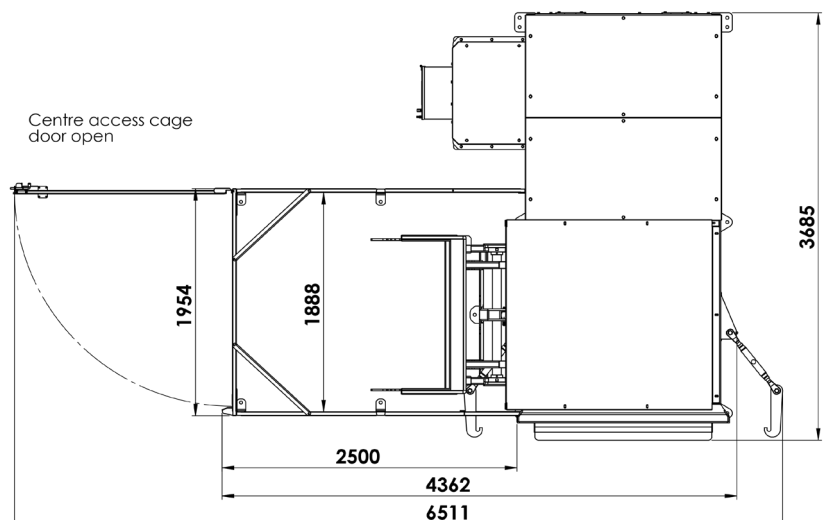
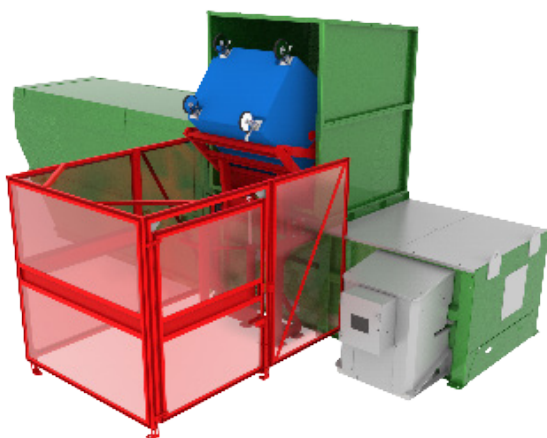
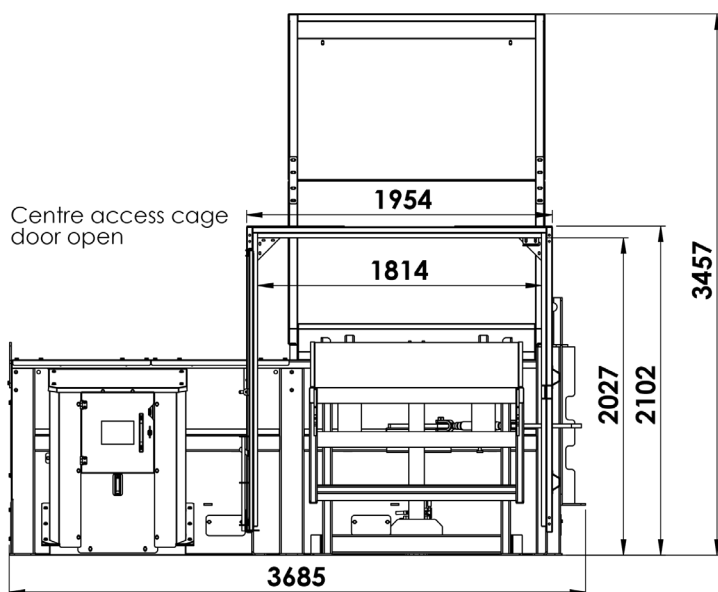
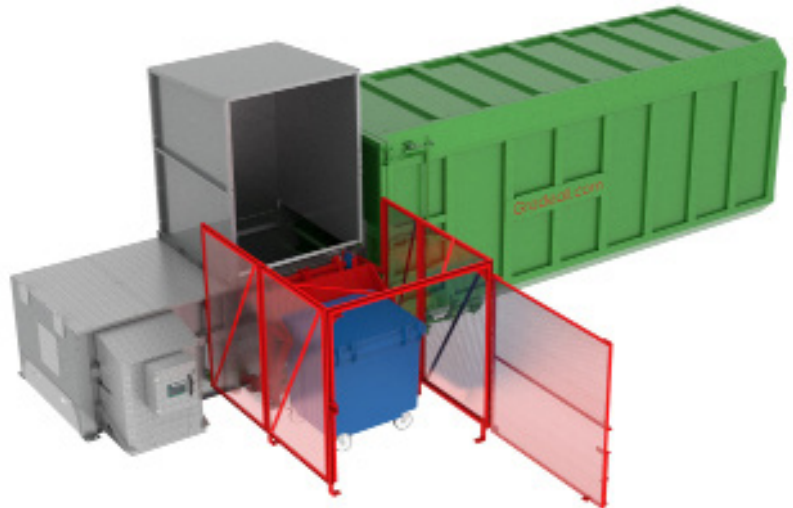
# G90 STATIC COMPACTOR OPTIONAL EXTRAS



ENGINEERING SOLUTIONS FOR THE WASTE & RECYCLING INDUSTRIES


## Bin Lift System

- Lifts up to 1100 litre wheelie bins via comb or trunnion lift.
- Interlocked safety cage fitted as standard.
- Different cage configurations available; door side, door opening, single or double door.
- Includes hopper specific to bin lift.



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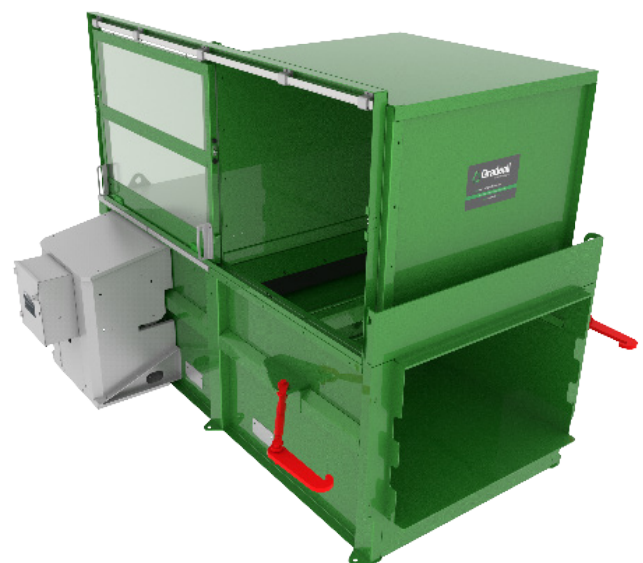
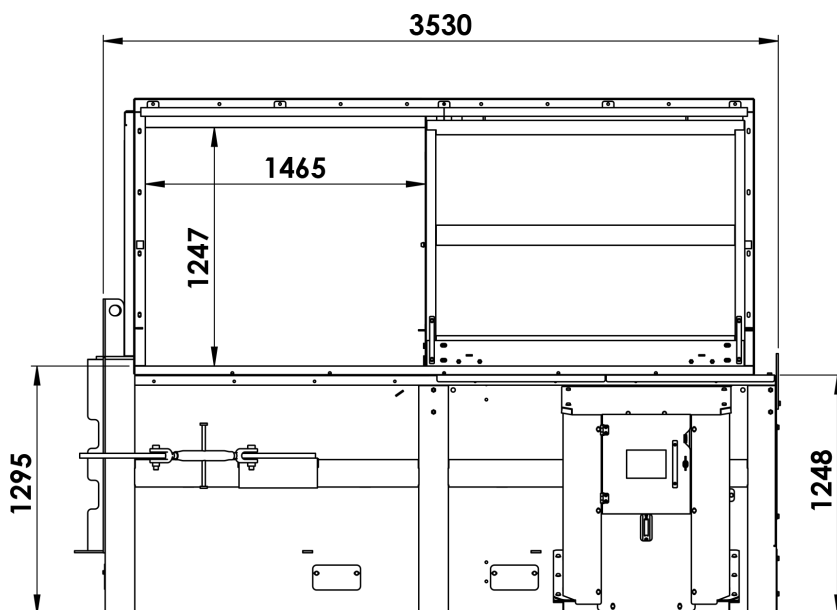
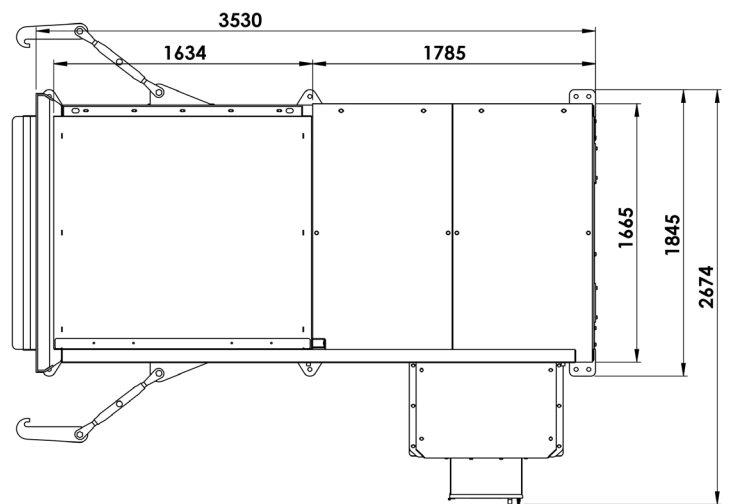
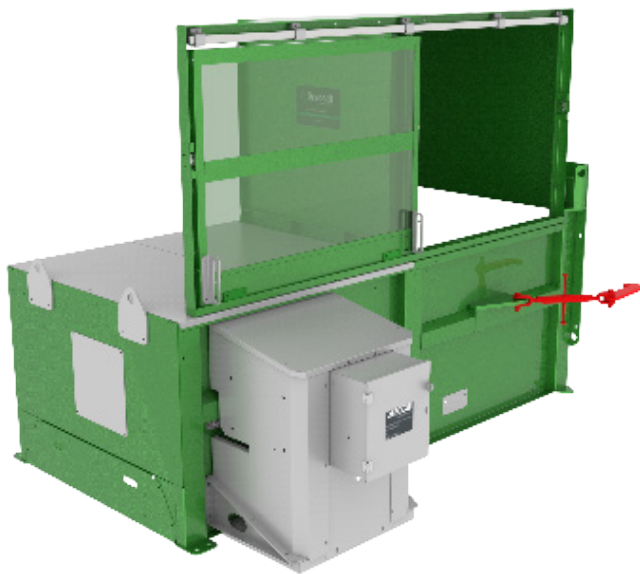


# G90 STATIC COMPACTOR OPTIONAL EXTRAS

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## Sliding Door Hopper

- Lockable sliding door for easy manual feeding of large bulky materials.
- Magnetic interlock system prevents operation when door is open.
- Door can be configured to be positioned on the left or right side of the compactor to suit site requirements.
- 1295mm loading height.



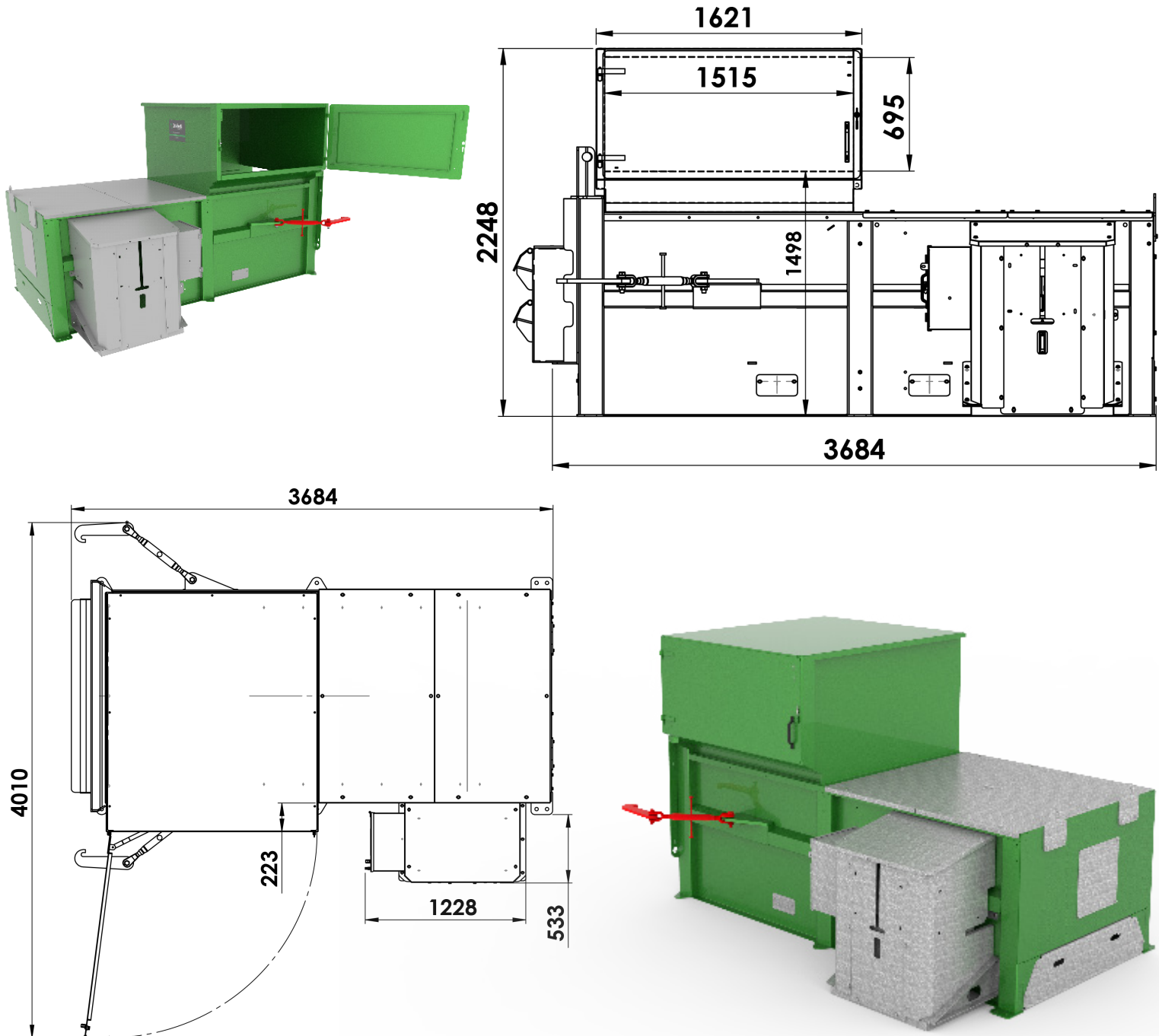
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## Manual Hopper

- Simple easy to operate hopper for manual loading of materials
- Magnetic interlock system prevents operation when door is open.
- Hopper can be orientated to left or right side of the compactor.



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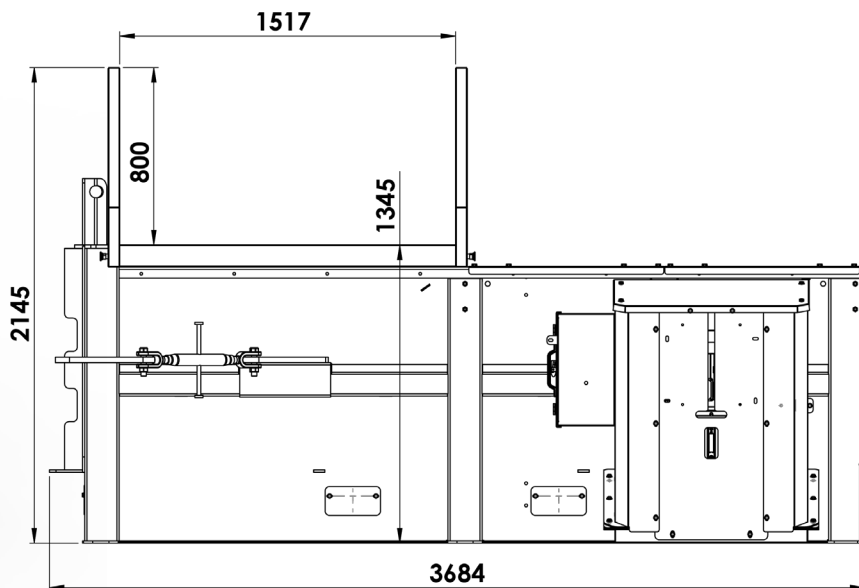
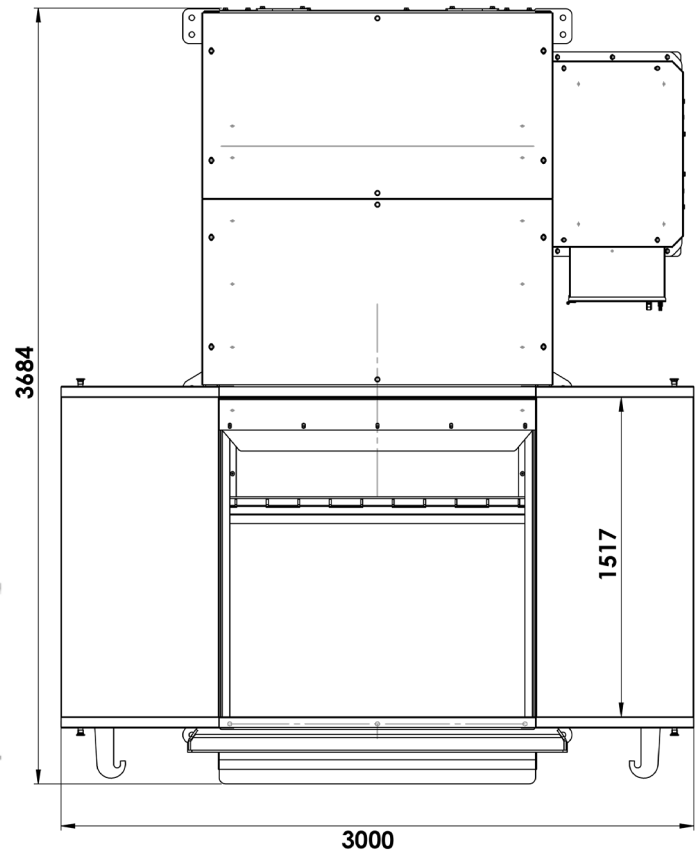
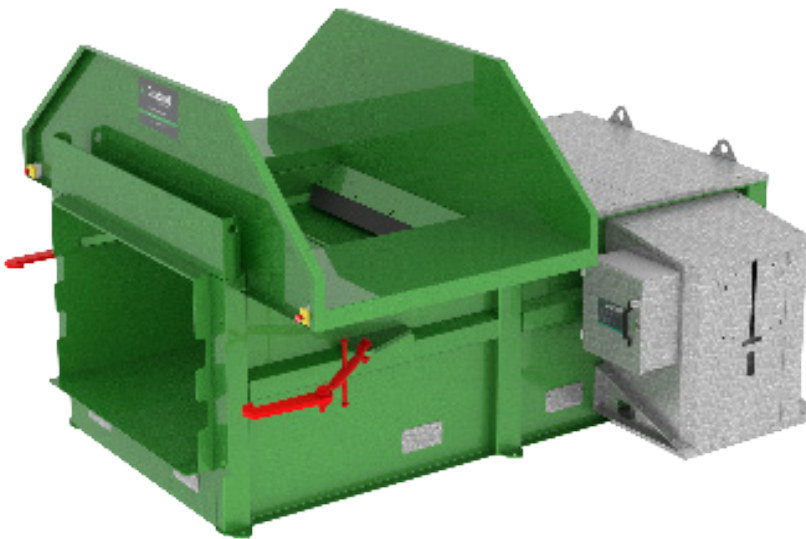


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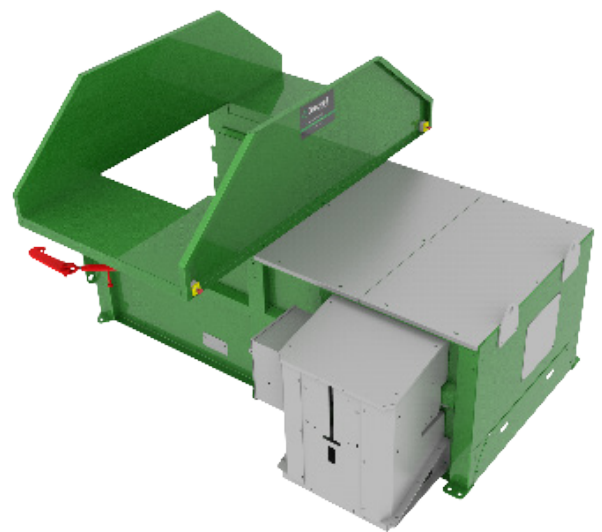
ENGINEERING SOLUTIONS FOR THE WASTE & RECYCLING INDUSTRIES

## Open Top Hopper

- Perfect for large bulky pieces of waste.
- Allows for loading from both sides of compactor.
- 4 emergency stops, one at each corner for enhanced safety.
- One sided version also available.



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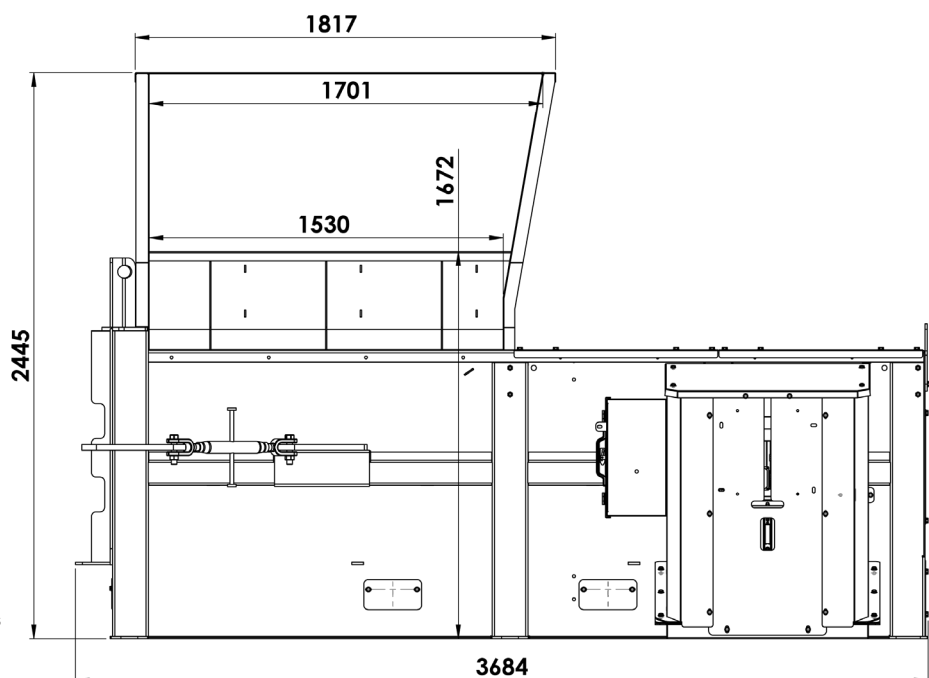
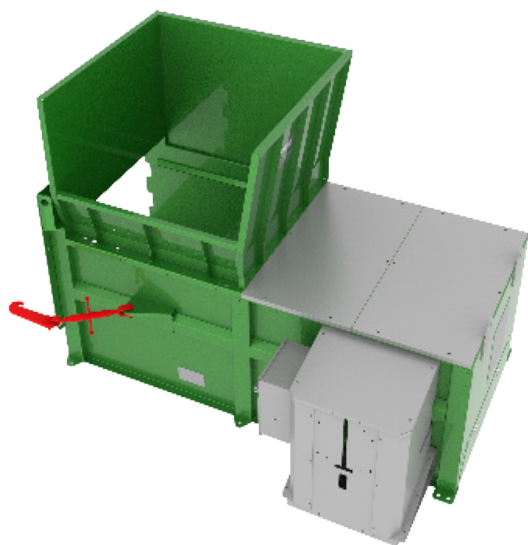
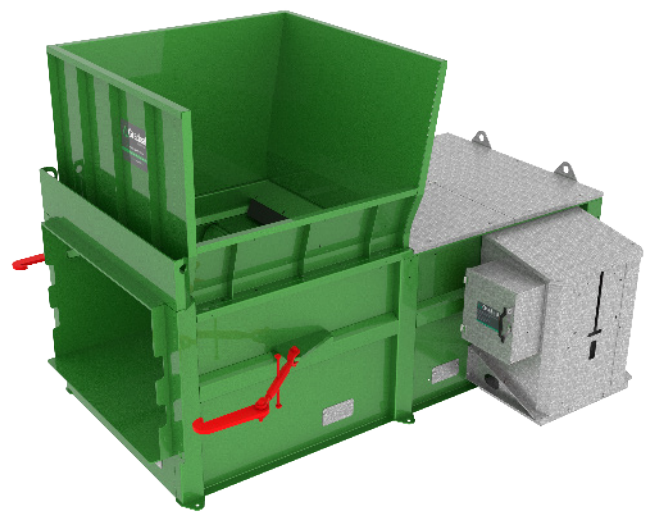
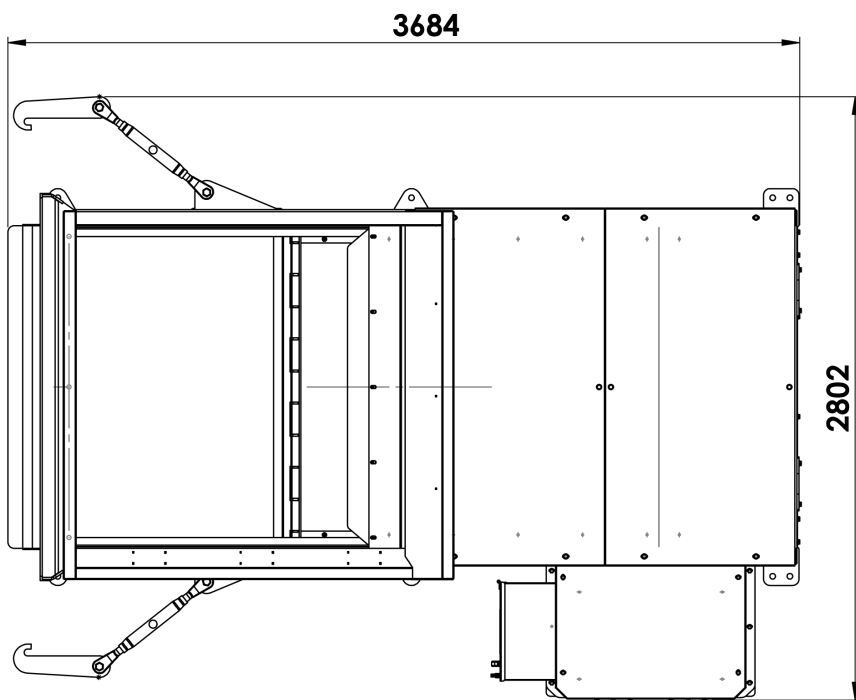


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## Tipping Skip Hopper

- Allows material to be tipped in via a tipping skip on a forklift or a telescopic shovel machine.
- Can be positioned to either left or right side of machine to suit site requirements.
- Optional rear access door for manual material entry on other side of hopper to keep pedestrians safe from moving forklifts.
- Extra wide/high sides available for loose materials.



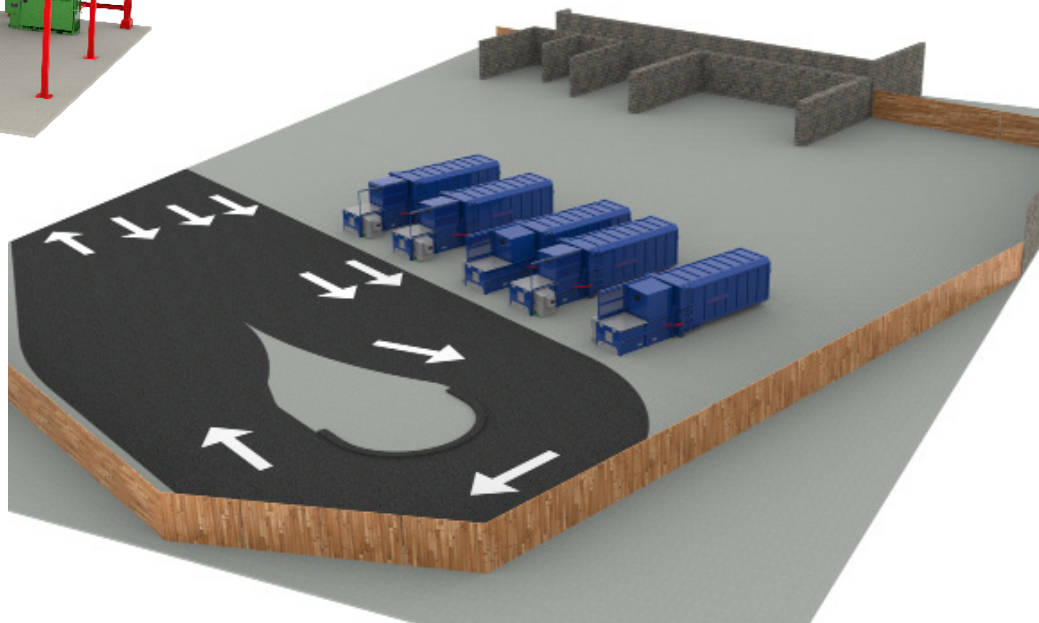
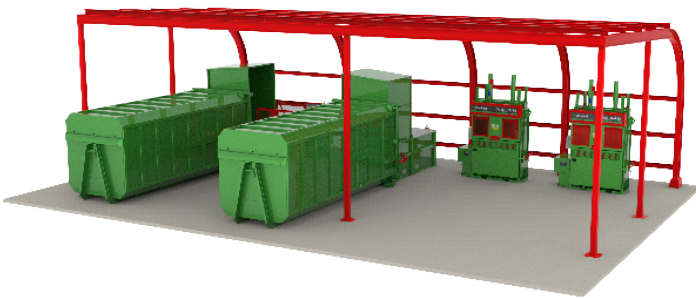
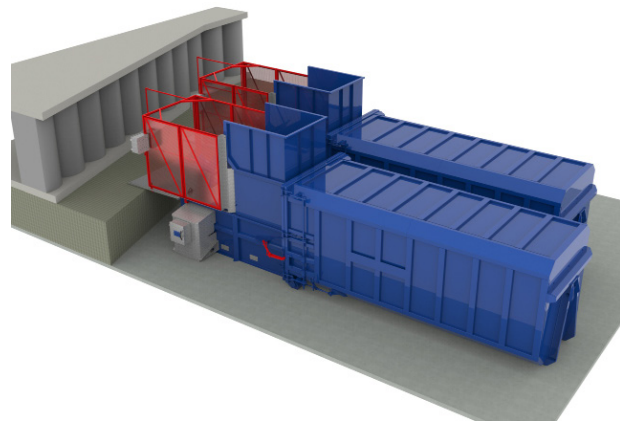
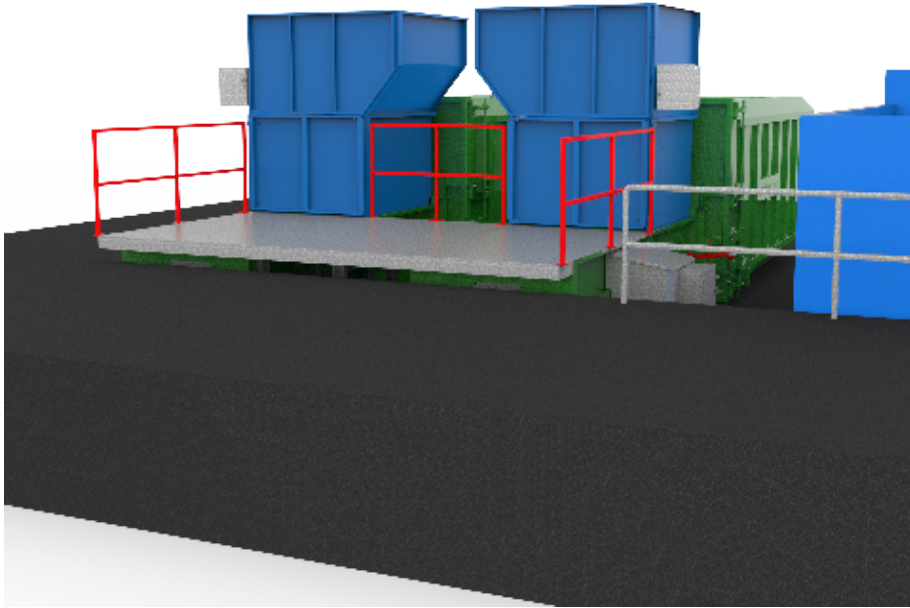
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# G90 STATIC COMPACTOR SITE LAYOUTS




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As part of the process of ordering a new static compactor Gradeall can offer to measure your existing site and with those measurements we can provide 3D screenshots, drawings and high quality renderings of the equipment on site. This allows you the customer to get a picture of how the equipment will look on site and evaluate if any changes may be required.



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