

# SCREW COMPACTORS

## INTRODUCTION

Screw compactors work based on a robust hard faced rotating screw, waste material is loaded into the charge box and the rotating screw pulls it into the compaction zone and compacts it into the container. Our screw compaction systems are static, meaning the screw compaction unit stays on site and only the receiver waste container is removed.

## CLEANER COMPACTION

Screw compactors allow a much cleaner operation compared to conventional systems. The screw packs the waste so tightly into its specially designed bin that when it comes to remove the receiver container virtually no residual waste escapes. A simple porthole is closed and the waste contractor is on his way, ideal for the food waste industry.

This type of machine is best suited to light food waste and cardboard as screw compactors offer up to 40% improved compaction than standard compactors meaning the maximum payload is achieved within the waste container.

Keljay has a range of screw compaction systems it has developed that offer many great benefits particularly on certain waste products where maximum container weights can be achieved.



## AVAILABLE LOADING OPTIONS

We offer a range of bespoke loading options for this range, such as:

- Bin lift systems
- Hand fed systems
- Chute fed systems
- Conveyor fed systems

MODELS IN

THIS RANGE

HL SCREW  
LL SCREW



## MOST COMMONLY USED ON

Screw compactors are efficient on a range of products and in particular:

- Food waste
- Cardboard

## BENEFITS

- Small footprint compaction unit
- Cleaner operation than conventional compactors
- Up to 40% higher waste container weights
- Ultra-reliable
- Fully customizable
- Quiet operation
- Up to 8 – 1 compaction ratios on certain product
- Reduce waste collections cost by up to 8 -1

