



Solids Handling And Process Engineering Co., Ltd.

Equipment Data Sheet

WASTE COMPACTOR

The SHAPE Waste Bag Compactor is a multi-functional unit that allows the on-site compaction of many types of waste materials including bags, cardboard boxes, waste paper and other disposable materials generated in the work place.

Operation is simple with the waste materials being dropped into the compaction chamber via an in-feed chute. The compaction chamber is made up of a screw / trough assembly with the screw driving the waste material into the compaction tube.

The compacted material is then extruded from the tube into a waste collection bag that is fitted at the end of the outlet of the tube by a specially designed retention band.

The whole unit can be connected to a dust extraction system if necessary.

Consider of the advantages :

1. VERSATILITY

Can handle a wide range of materials including paper, cardboard, plastic, metal foils & small tin cans.

2. SAFE AND CLEAN

A fully - enclosed system, reducing atmospheric pollution.

3. DURABLE

Robust in design with a high quality of construction.

4. EASY TO OPERATE

Can be fed manually or automatically as process dictates.

5. COMPACT

Optimum efficiency - minimum floor space.

6. COST-EFFECTIVE

Low cost installation and maintenance. Can be retro-fitted to existing process equipment.



Technical Specification

All mild steel construction with painted finish as standard.
Stainless steel contact parts in 316 or 304 grade available as optional extra.

Compactor Unit Motor

: 2.20Kw.

Standard electrical specification IP55.
Motor specification to suit client's requirements.

Machine Specification

Dimensions	Overall Height including in-feed chute.	: 1,430mm
	Overall Length including Compactor tube	: 2,000mm
	Width	: 1,080mm
Approximate Weight	250Kgs.	

Please note that all dimensions & weights given are subject to confirmation at time of ordering.

GENERAL METHOD OF OPERATION

The operator feeds the waste bags through the access door of the in-feed chute into the specially designed compaction chamber. The action of the compaction system pushes the waste bags into the outlet compaction tube.

The compacted waste is extruded from the tube into a waste collection bag that is fitted over the outlet of the tube and held in place with a special retaining ring. The waste collection bag is generally of a continuous tube type that allows the compacted waste to be removed dust free by tying of the ends and then cutting. This allows batches of compacted waste to be removed with no dust or environmental contamination.



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