

+ Zigzag Separation System



The Impact zigzag system is a fully adjustable cascade cleaning solution, suitable for most types of free flowing material streams up to 60mm in size to remove unwanted low density material.

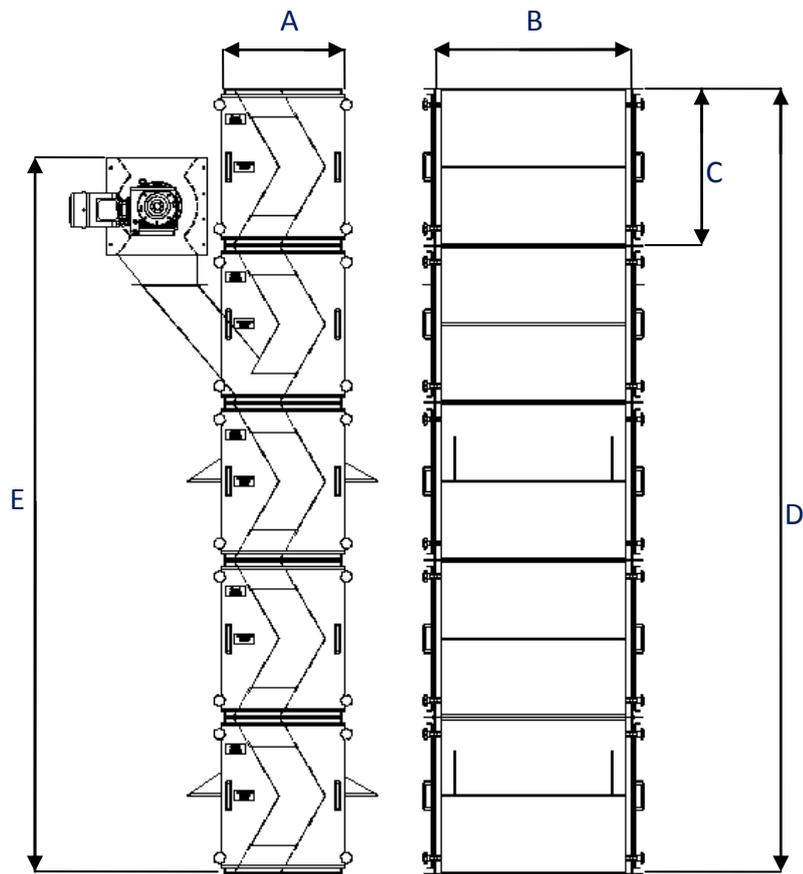
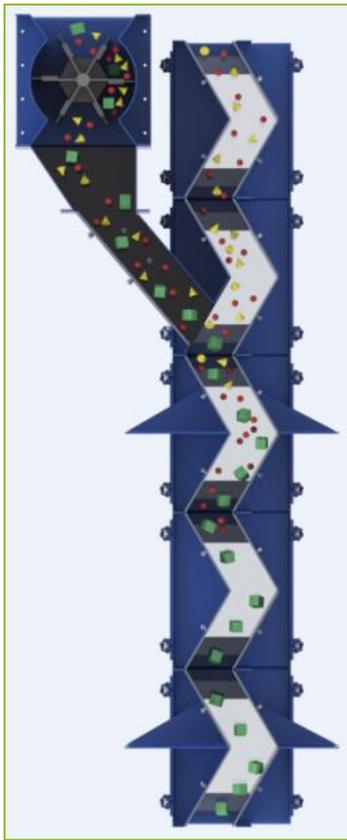
The Impact zigzag cascade separation system ensures maximum cleaning efficiency, removing the lower density lightweight material, whilst minimising losses of heavy density material. Ideally suited for 5-60mm sized material, the zigzag cascade system can be adapted for a wide range of applications and offers outstanding removal of unwanted dust, fibre, wood, plastic and films from such material streams as glass or rigid plastic.

Material is fed into the zigzag system via a variable speed rotary valve into an upward air stream. The falling material has to cascade over a series of zigzag baffles ensuring efficient removal of debris, which is collected via a material separator for disposal.

Variable air volumes and adjustment dampers also ensure minimal loss of valuable recyclable plastic material to provide maximum flexibility and highly efficient cleaning of the material.

Features:

- Ideally suited to 5-60mm material fraction
- Dosing controlled via variable speed rotary valve
- Fully adjustable air flow controls both via manual dampers and electronic fan speed controls
- Outstanding results to significantly improve the cleanliness of material stream
- Minimal loss of valuable recyclable material during cleaning operation
- High material throughput capabilities
- Suitable for a wide range of material applications, such as rigid plastics / glass recycling process
- Used in conjunction with the Impact range of material



Zigzag Selection Table

Model Ref	Dim A	Dim B	Dim C	Dim D	Dim E	Weight per stage KG's
125 x 400	365	400	500	2500	2740	49
125 x 600	365	600	500	2500	2740	60
125 x 800	365	800	500	2500	2740	71
125 x 1000	365	1000	500	2500	2740	82
150 x 400	450	400	600	3000	3060	62
150 x 600	450	600	600	3000	3060	74
150 x 800	450	800	600	3000	3060	87
150 x 1000	450	1000	600	3000	3060	99
200 x 400	600	400	800	4000	3650	90
200 x 600	600	600	800	4000	3650	105
200 x 800	600	800	800	4000	3650	119
200 x 1000	600	1000	800	4000	3650	134

