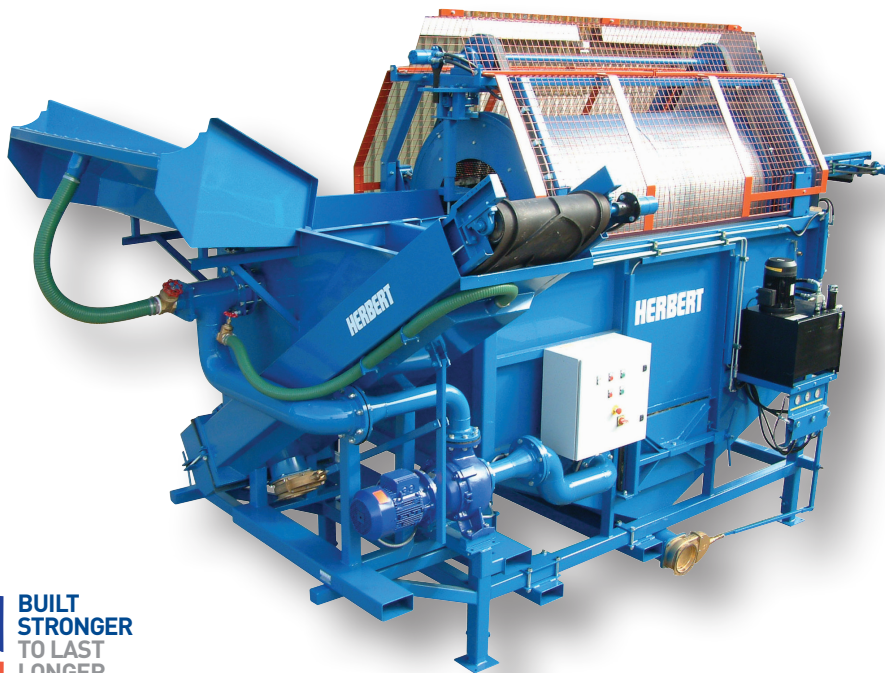


# Separation systems

The Herbert 'Separator' system reduces labour by automatically sorting and separating a variety of products, such as paper from glass, and stones from green waste. Heavy 'non-buoyant' materials or high density foreign objects are removed from a flow of product using water separation.



Unsorted waste product is delivered to the separator unit via a conveyor or elevator and flows directly into the water at the infeed point. Water pulled by a high volume pump from the main screen tank, is then pumped into the infeed end of the separator at low level creating an upward water movement. Low density product, such as paper is then carried forward on the upward water movement and flows easily over the outfeed chute into the rotary screen. Glass and other high-density foreign objects sink to the base of the separator unit and are then conveyed out of the unit by a cleated elevator belt.

- Adjustable water flow rate for varying waste conditions
- Easy cleaning with base and side doors on screen tank

DESIGN | BUILD | INSTALL | SUPPORT

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# HERBERT

# SORTING



## Other Products include:

Trommels

Inspection Conveyors

Vibratory Feed Systems

Vibratory Screen Sorting

Screening and Sizing Units