

HERBOLD



Heavy material separator

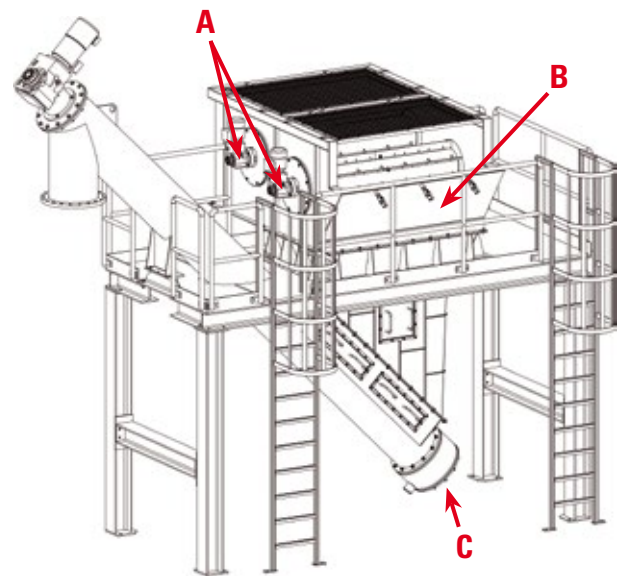
The function of the heavy material separator is based upon the swim-sink principle, i.e. on the different specific weights of the various components contained in the feed material that will either make them float on the water surface or sink to the bottom of the tank. Thus this device can be used for separating the light from the heavy components of the waste material.

A discharge drum (A) cleans the floating fraction of the feed material by pushing it under the water surface and at the same time discharges the material into the next-in-line unit (e. g. a granulator) within the recycling line.

The heavier fractions (stones, glass, metals, etc.) sediment at the conical bottom part (B) of the tank. This waste fraction will then be discharged, e. g. into a dewatering container (supplied by customer) by means of a discharge device (C). The material has to be pre-shredded before it enters the pre-washing unit.

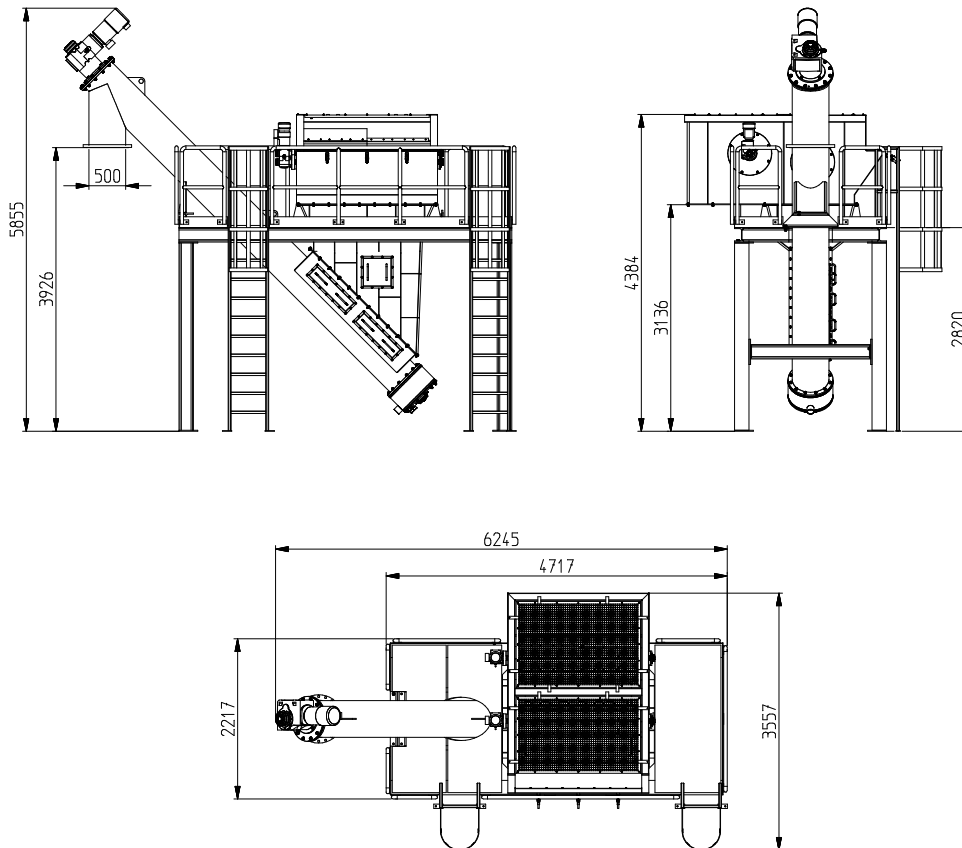
Protection of the granulator

This unit protects the granulator against damages and extends the overall lifetime of the granulator.



For extremely contaminated film material the Herbold pre-washing tank type VWE is available in a two and three-step model (Information Sheet 58). These units not only separate heavy materials but also provide an intensive pre-wash.

Technical data:	
Type:	SA 180/200
Tank: (mm)	1800 x 2200
Drive feed: (kW)	2 x 0,55
Drive discharge: (kW)	2,2
Discharge device: (kW)	3
Maintenance platform	
Product touching parts galvanized	
Optional in stainless steel	



Our Product Range

- Guillotines
- Shredders
- Hammer mills
- Granulators
- Pulverizing systems
- Washing systems & components
- Plastcompactors/agglomerators

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