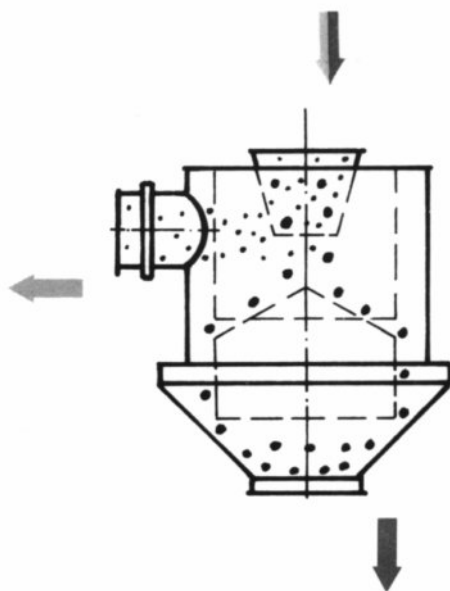


Fines Separator

The equipment and its function

The HS series fines separator is capable of removing not only the dust from rigid granulate but also can be applied for removal of dust and fluff (for example in HDPE blow moulding waste or injection moulding waste). The separated fine material is discharged into a container to ensure a dust free environment.

The HS unit is quick and easy to clean making it ideal to use during material and/or colour changes. The actual separation element which is located directly below the cyclone is equipped with an inspection door.



The HS series separator operates using the free fall concept. There is no flow separation between material input and output. Therefore retrofitting the HS fines separator into a presently operating system is very simple.

The degree of material separation is fully adjustable through regulation of a side mounted butterfly valve.



The inside of the separation element does not contain any moving parts that could otherwise require maintenance.

Additional details of the fine material separator in the HS series:

Due to the fact that the free fall element separates dust and other fluff in a separate container, the cleaned material is discharged through a total pressure free environment. This concept eliminates the need for a rotary valve or any other type of pressure eliminator which normally would be necessary when discharging into an open container.

Further advantages

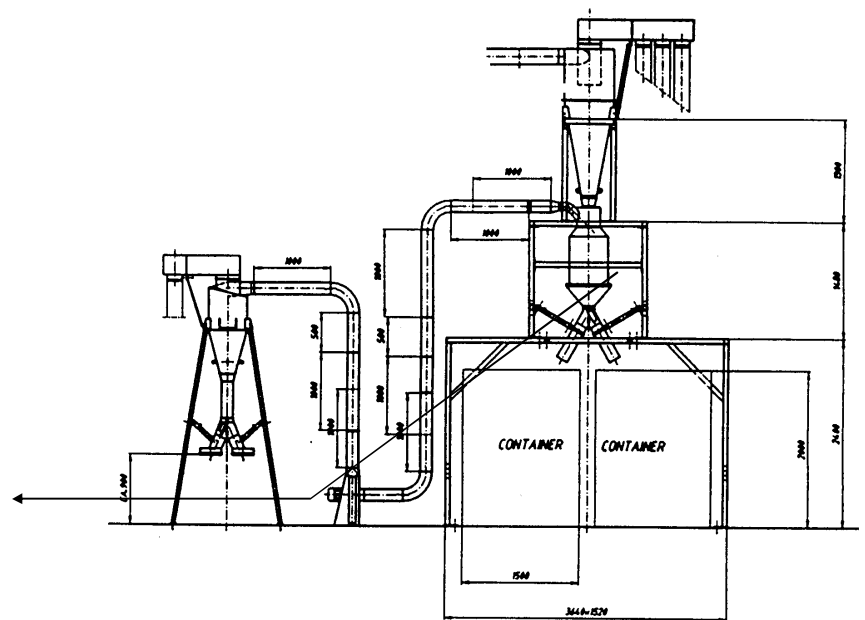
Since the material discharge is pressure free, the effectiveness of a metal separator below the free fall separator is greater.

The fines separator in the HS series is also available in stainless steel.

HS 300 + 500



Example for installation of the dust separator HS 300 into the suction system



Drawing from a suction unit with integrated dust separator HS 500