

STS Separator

The Kongskilde STS separator is designed for pneumatic conveying systems in the paper, plastic and packaging industries.

The Kongskilde STS separator is placed at the discharge end of the conveying system, which could be a stationary compactor, baler or a container.

With the STS separator only a minimum volume of air is discharged together with the conveyed material.

The conveying air is blown out through the air outlet of the separator – either direct in the open air or to a filter, which will remove any dust from the conveying air.

In order to ensure an even material flow through the separator and thereby obtain maximum capacity, a self-adjusting deflector plate is built into the STS separator.

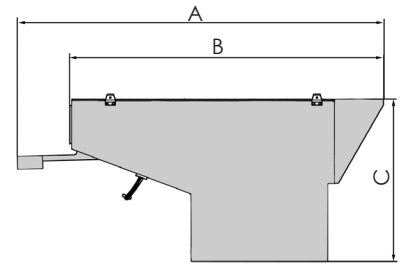
The deflector plate ensures, that no unwanted turbulence will occur, which can have an influence on the efficiency of the STS discharging the material.

Unwanted turbulence is extremely important to avoid when discharging thin foils.

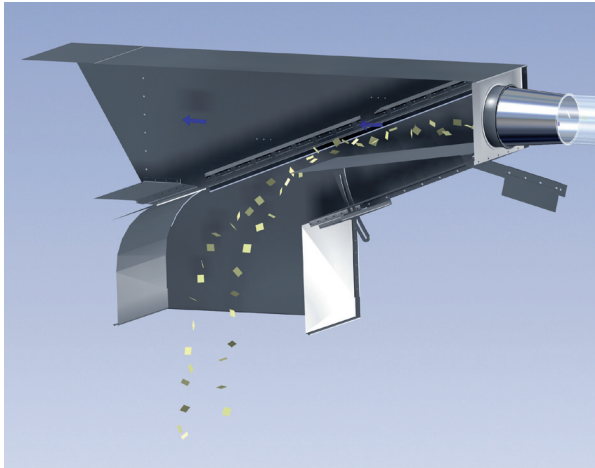


The Kongskilde STS separator is available in three different sizes:

- Type STS 160 for conveying systems equipped with Kongskilde's OK160 pipes (Ø 160 mm). The volume of air can be up to 2500 m³/h.
- Type STS 200 for conveying systems equipped with Kongskilde's OK200 pipes (Ø 200 mm). The volume of air can be from 2000 m³/h to 3400 m³/h.
- Type STS 300 for conveying systems equipped with Kongskilde's FK300 pipes (Ø 300 mm). The volume of air can be from 3400 m³/h to 8000 m³/h.



mm	A	B	C
STS 160	1628	1366	691
STS 200	1927	1701	863
STS 300	2924	2507	1294



Accessoires

Transitions are available for easy connection of a pine systems if filtration is required.



	Diameter, mm	Length, mm
Discharge STS 160	OK 200	381
Discharge STS 200	FK 250	306
Discharge STS 300	FK 300	307



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