STS Separator
Data sheet

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 defelctor plate ensures, that no unwanted turbulence will occur, which can have an influence on the efficiency of the STS dischanging the material.
Unwanted turbulence is extremely important to avoid when dischanging thin foils.

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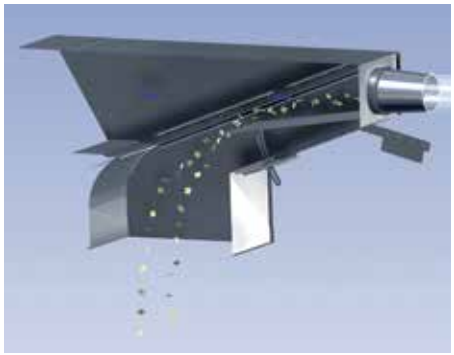
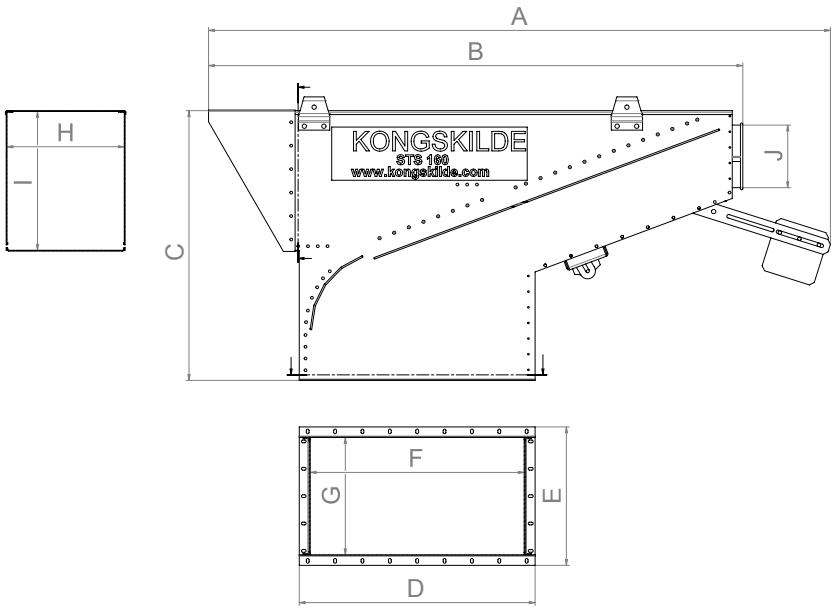
The Kongskilde STS separator is available in three different sizes:

- Type STS 160 for conveying systems equipped with Kongskilde's OK160 pipes (Ø160 mm). The volume of air can be up to 2500 m³/h.
- Type STS 200 for conveying systems equipped with Kongskilde's OK200 pipes (Ø200 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 (Ø300 mm). The volume of air can be from 3400 m³/h to 8000 m³/h.



Dimensions



mm	A	B	C	D	E	F	G	H	I	J
STS 160	1590	1362	690	603	354	547	300	300	355	OK160
STS 200	1928	1695	862	747	429	684	375	375	442	OK200
STS 300	2853	2505	1292	1092	517	1029	463	463	665	FK300

Accessoires

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

	Diameter, mm	Length, mm
Discharge STS 160	OK200	381
Discharge STS 200	FK250	306
Discharge STS 300	FK300	307

123001662 EXP/GB/STS Separator/DATA/0319

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