



## Deduster and Fines Separator

### KS series

You need an edge – We have it

**Hosokawa Polymer Systems, a leader in size reduction systems in the plastics industry is also a leader in dust removal and separation systems.**

Fines and contaminant removal from regrind is a critical aspect of any plastic processor's operations. We realize this and make it easy to eliminate poor regrind as one of your processing problems. Do you experience:

**Dust  
Fiber**

**Fines  
Paper**

**Streamers  
Dirt**

or other contaminants in your material? Many processor do and no matter how modern your equipment or how good your work force, no one can make good parts with poor feed stock.

All these things effect your product's quality, your reject rate and your processing time. The higher your rejects, the more you have to regrind which can lead to yet higher reject rates. This vicious cycle can be stopped by using our KS deduster to clean your material, reduce rejects and save you time and money. Do you wonder why your equipment is down so often for maintenance? One likely cause is the dust and streamers in your material which cause havoc on your material handling systems.

**Our KS Deduster removes contaminants and leaves you with a higher quality regrind, increasing quality and reducing rejects, maintenance and costs.**

Whether using regrind, pellets or a mixture of both, you need to ensure clean consistent material to ensure the highest quality parts.

Contact us to set up your free dedusting test and take the first step to improving your process and your profitability.

#### Applications

Blow molding  
Post consumer recycling  
Injection molding  
Extrusion  
Reinforced PVC or TPO roofing  
PVC hose

HDPE    LDPE  
PET      PC  
Nylon    HIPS  
Acrylic   PE  
Fiber    PVC  
Engineered resins

#### KS Features

Compact design  
Complete system solution  
No moving parts  
Easy clean  
Stainless steel construction  
Adjustable cut point  
Evenflow material distribution  
Easily fit to existing systems

#### KS Advantages

Removal of dust and contaminants  
Reduction in rejection rates  
Increased material value  
Improved part quality  
Reduction in maintenance time

**KS Dedusters save you money.  
Wouldn't you like to save money?**

*"We installed it, turned it on and it worked perfectly from day one."*

*"Removing loose labels from our PET flake greatly improves washing efficiency."*

*"We can take reinforced PVC sheet, granulate it and separate out the polyester fiber. We are left with excellent, clean PVC regrind."*



**HOSOKAWA POLYMER SYSTEMS**

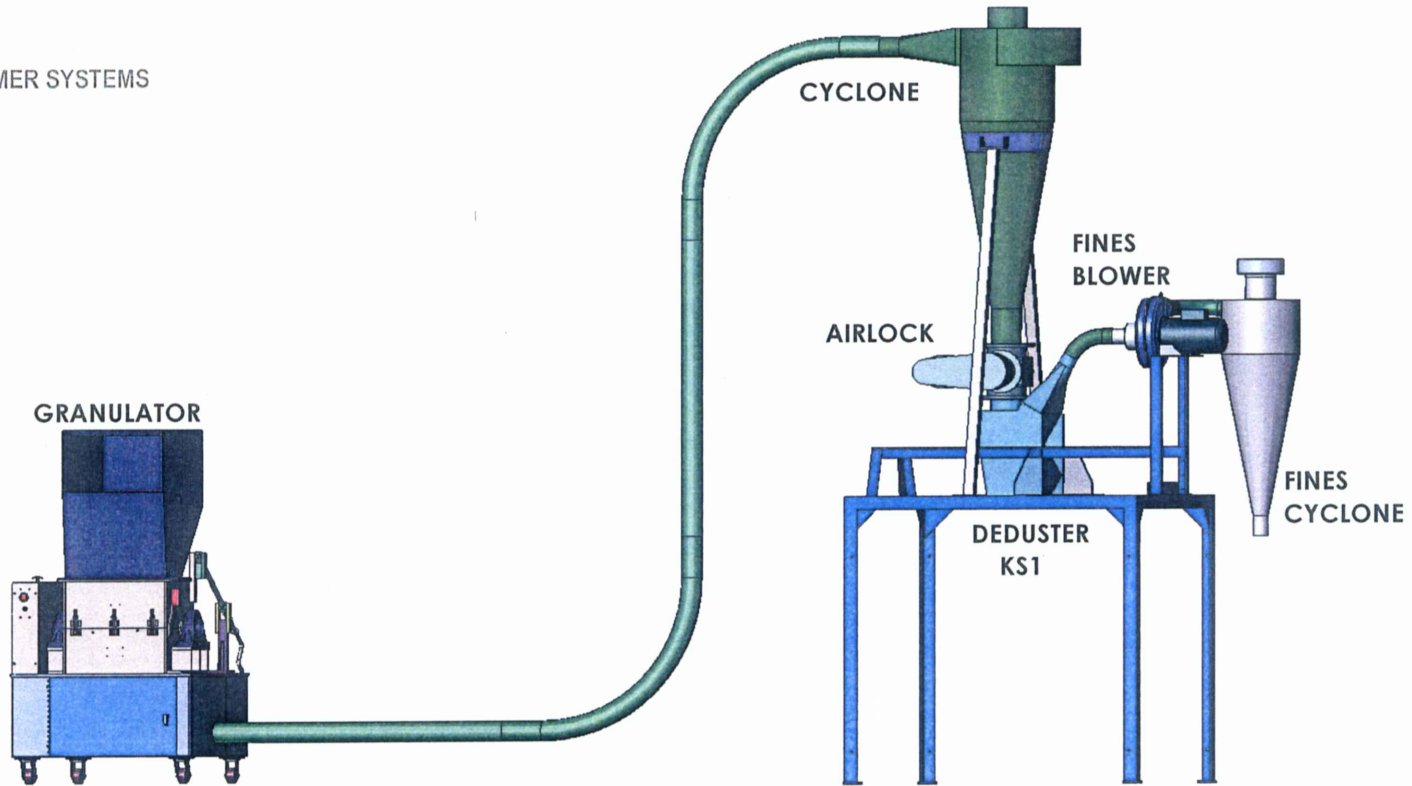
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HOSOKAWA POLYMER SYSTEMS

Packaging - Processing  
**Bid on Equipment**  
 1-847-683-7720  
[www.bid-on-equipment.com](http://www.bid-on-equipment.com)



## DEDUSTERS and SEPARATORS

### KS SERIES

#### MODELS

	I	II	III	IV
Capacity pph	500	1000	2000	4000
kg/hr	227	455	909	1818
Max Load % Fines	10%	10%	10%	10%
Construction	Steel or SS	Steel or SS	Steel or SS	Steel or SS
Weight lbs	250	300	500	700
Power	230/460 V 60Hz 3PH	230/460 V 60Hz 3PH	230/460 V 60Hz 3PH	230/460 V 60Hz 3PH
Blower HP	2	3	5	7.5

### KSS SERIES

#### MODELS

	I	II	III	IV
Capacity pph	750	1500	2500	5000
kg/hr	341	682	1136	2273
Max Load % Fines	20%	20%	20%	20%
Construction	Steel or SS	Steel or SS	Steel or SS	Steel or SS
Weight lbs	300	400	600	800
Power	230/460 V 60Hz 3PH	230/460 V 60Hz 3PH	230/460 V 60Hz 3PH	230/460 V 60Hz 3PH
Blower HP	2	3	5	7.5

### DE SERIES

#### MODELS

	I	II	III	IV
Capacity pph	500	1000	2000	4000
kg/hr	227	455	909	1818
Max Load % Fines	10%	10%	10%	10%
Construction	Steel or SS	Steel or SS	Steel or SS	Steel or SS
Weight lbs	400	750	1000	1200
Power	230/460 V 60Hz 3PH	230/460 V 60Hz 3PH	230/460 V 60Hz 3PH	230/460 V 60Hz 3PH
Blower HP	5	10	15	20