



# HOSOKAWA POLYMER SYSTEMS

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## Typical KS DEDUSTING SYSTEM



- |   |                      |                                                                        |
|---|----------------------|------------------------------------------------------------------------|
| 1 | Rotary Airlock (RAL) | Separates dedusting and conveying airflows – meters feed material      |
| 2 | KS Deduster          | Distributed feed across cascading baffles for dedusting                |
| 3 | Ionizing bar         | Uses positive and negative ions in a laminar flow to neutralize static |
| 4 | Blower               | Blower used to create updraft in KS deduster for fines removal         |
| 5 | Slide gate           | Used to control blower airflow and thus, “Cut Point”                   |
| 6 | Cyclone              | Fines cyclone to collect fines from deduster                           |
| 7 | Filter               | Filter used to ensure no ultra fine particulate is blown into the air  |