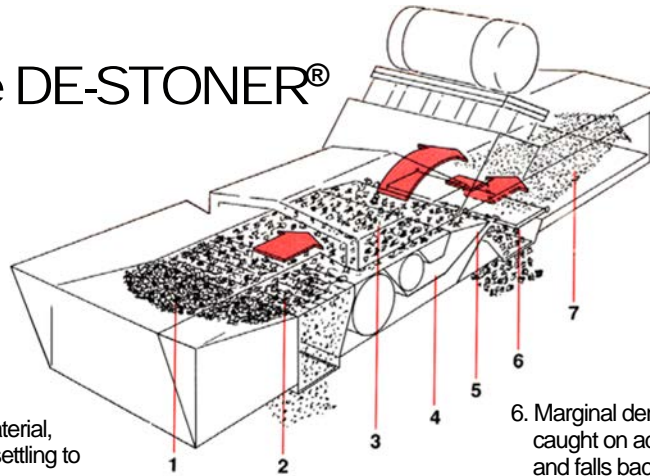


How it works.

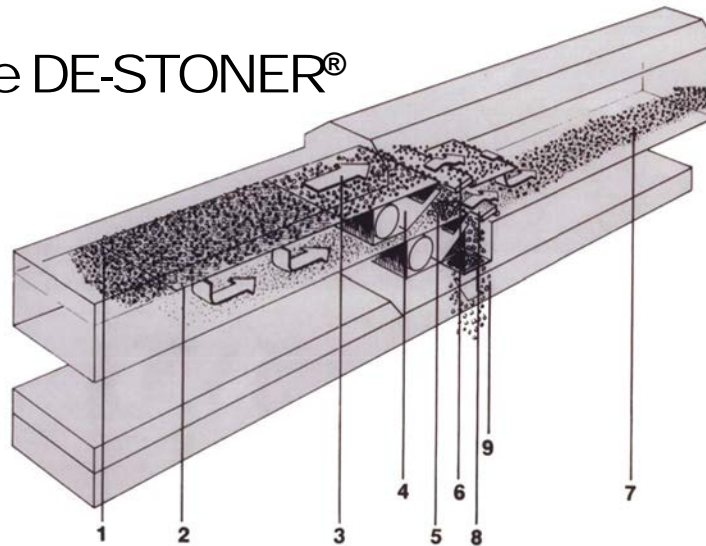
Single-Knife DE-STONER®



1. Vibratory action moves material, with high density material settling to the bottom of the trough.
2. Fines drop out section (optional) removes smaller particles sizes like broken glass or dirt before reaching air fluidizer.
3. Air fluidizing section assists in stratifying material.

4. High velocity, low pressure air stream is directed through material flow.
5. Material conveys into the air stream. Heavier materials fall through air stream to discharge chute.
6. Marginal density material is caught on adjustable slope plate and falls back onto the adjustable discharge chute.
7. Lighter materials are carried beyond the plate and travel to product discharge.
8. Ultra light materials like paper and plastic film are removed through exhaust on stationary hood over discharge.

Dual-Knife DE-STONER®



1. Material moves along conveyor by vibratory action with high density material settling to the bottom of the trough.
2. Pre-classifier conveyor section (optional) removes or splits smaller particle sizes before reaching air fluidizer.
3. Air fluidizing section assists in stratifying material.

4. High velocity, low pressure air stream is directed through material flow.
5. Material conveys into air stream to secondary separator.
6. Marginal density material is caught on adjustable slope plate and falls back onto the adjustable secondary separator.
7. Acceptable material carries beyond plate and travels through conveyor to discharge.
8. Secondary separator continues the separating process to assure thorough and complete classification.
9. High density refuse material is removed from the conveyor through side discharge.