

GRIT CLASSIFIERS

Kusters Water Grit Classifiers utilize carefully sized settling hoppers to provide accurate surface settling rates. The hopper is attached to a discharge screw assembly to remove the settled grit. Classifiers are available in both shafted and shaftless designs and can be fitted with cyclone separators and an optional retractable lower bearing assembly if desired. The grit classifiers typically produce grit having ~ 30% moisture content, with ~ 10% organics. If a cleaner, less odorous grit is required, a Kusters Water grit washer can be provided.



Features

- Low Capital Costs
- 304 Stainless Steel Body
- Shaftless Flighting
- Shafted Flighting
- High Efficiency Gear Reducer
- Low Maintenance Costs
- Direct Drive (No Chains or Belts)

Options

- Weather Protection / Heating
- Bagging System
- Retractable Screw
- Stainless Steel Flighting
- Explosion Proof Operation
- 316 Stainless Steel Construction
- Replaceable Wear Shoes

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STANDARD GRIT CLASSIFIER

Conventional grit classifiers with expanded pool area for effective grit separation. The standard design includes a shaftless conveyor without the need for a lower bearing. Shafted designs are available as an option. Materials of construction available include: 304SS, 316SS, Galvanized steel and Painted steel.



GRIT CLASSIFIER WITH CYCLONE

Grit classifiers with cyclone separators are available to handle larger flow rates resulting in a smaller footprint. The standard design includes a shafted conveyor with a lower bearing assembly. A retractable screw design is offered as an option. Materials of construction available include: 304SS, 316SS, Galvanized steel and Painted steel. Bolt on wear shoes and hardened steel screw flights are also available.

Optional Items



Shafted classifiers can be equipped with a screw lift assembly for ease of maintenance.



Replaceable Wear Shoes.



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