

Aerograder

Air Classifiers



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Air Classifiers

Advanced dry air classification for efficient separation of fine and coarse materials.

Ideal for Dedusting applications

- Produces Coarse Product without Fines or Dust
- Produces Fines without Coarse or Grit

Uses Air for Separation

- Ideal for processors lacking easy access to water.
- No external fan required

Product Features

No auxiliary equipment required

- No Bag House, Cyclones, Airlocks, Valves & Dampers

Non-polluting, eco-friendly

- In-built Dust Suppression System ensures effective dust control
- Low energy requirement
- Fines can be used for making Bricks

Materials Classified: Crushed Stone | Aggregates | Silica Sand | Minerals



Benefits

Dual Access Doors:

Easy maintenance for maximum uptime.

Gravity Feed Inlet:

Operates under vacuum to prevent dust.

Speed Controls:

Fine-tuning and quick adjustments.

Removable Selector Blades:

Adjustable cut points

Quiet Internal Fan:

Airflow for fines separation, no extra power needed.

Non-Welded Replaceable Liners:

Protect housings and ensure longevity

Fixed Return Air Vanes:

Recirculates airflow, eliminating need for cyclones or large dust collectors.

Feed Distributing Plate:

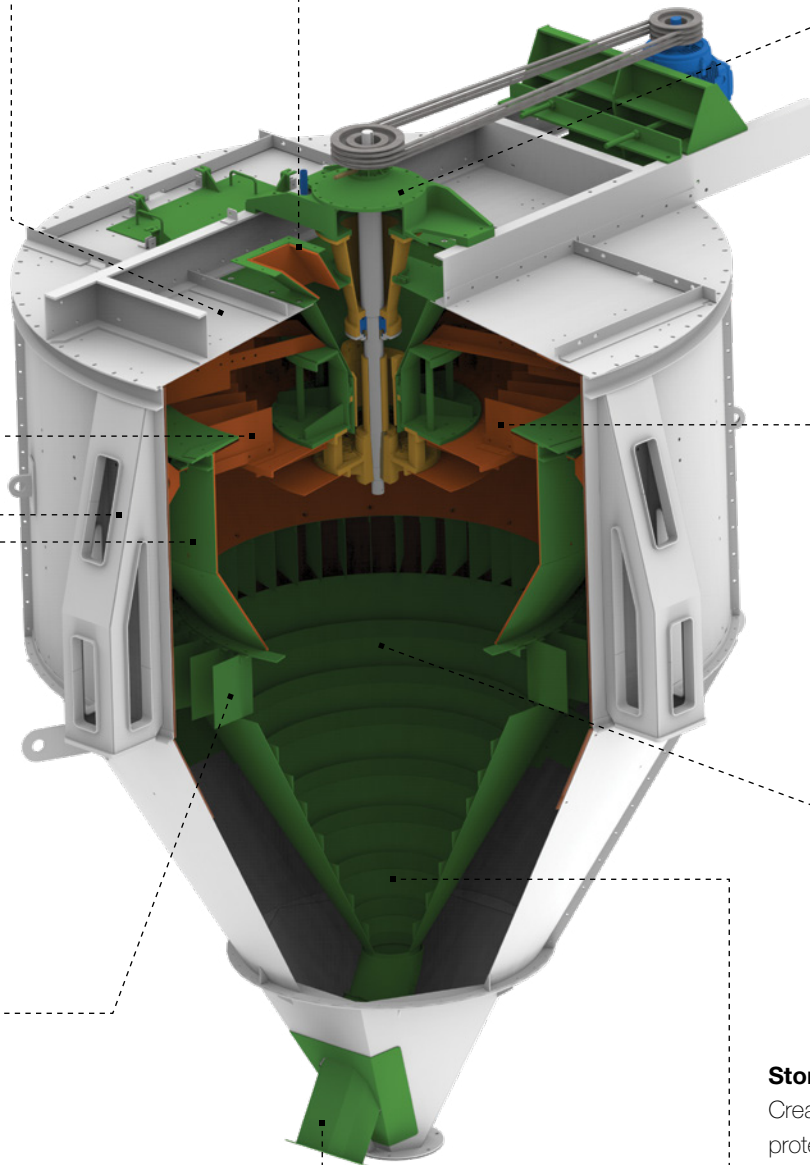
Directs material for efficient fines separation

Stone Bed Rings:

Creates an aggregate bed to protect the cone from wear.

Gravity Discharge:

No rotary valve needed for fine by-products and coarse aggregate.



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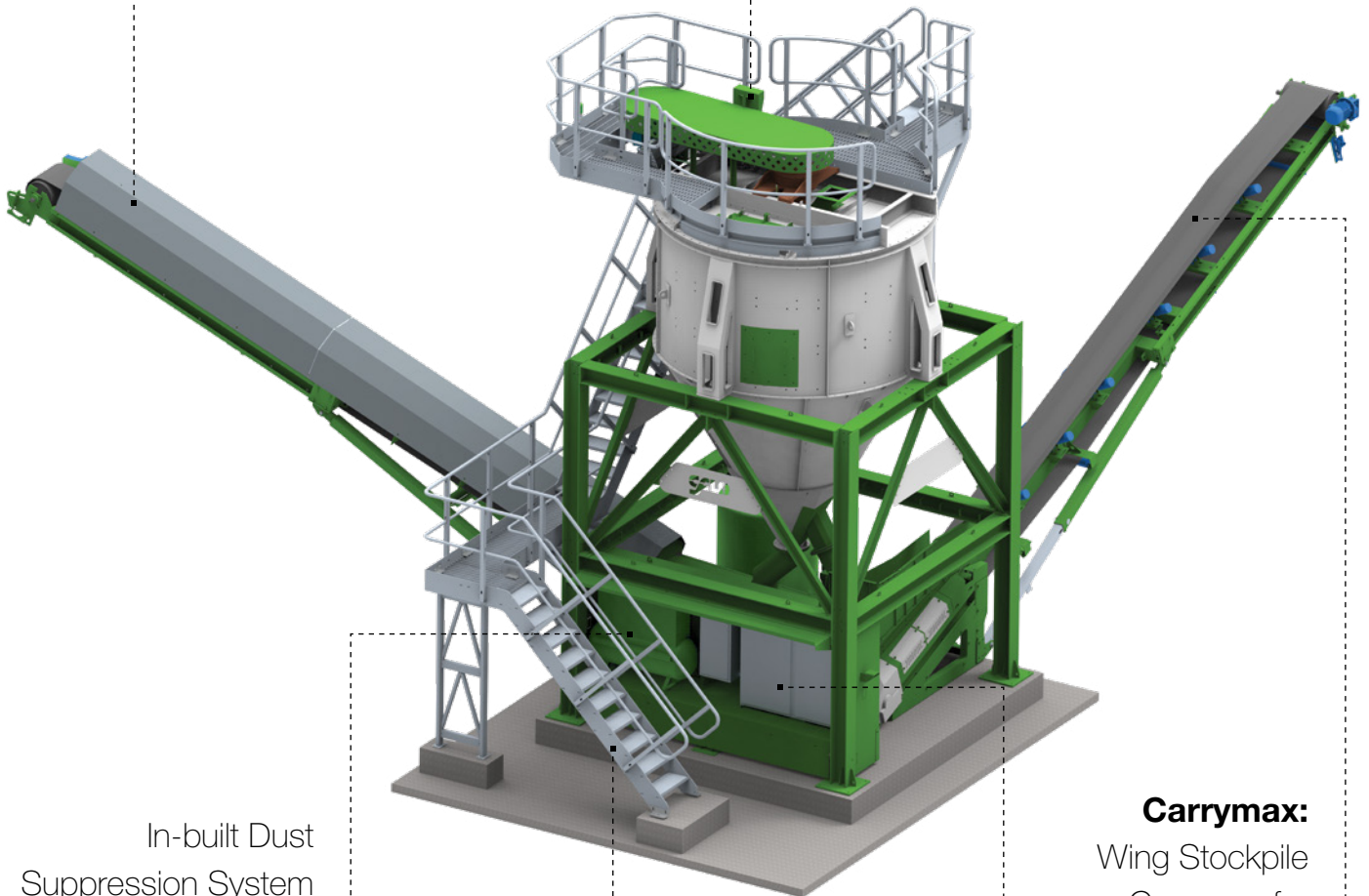
Air Classifiers

Carrymax:

Wing Stockpile
Conveyor with Canopy
for Fine Product

Drive Motor and Gearbox:

Paired with a heavy-duty shaft
for reliable performance



In-built Dust
Suppression System
ensures effective
dust control

Carrymax:

Wing Stockpile
Conveyor for
Coarse Product

PLC Control
Panel with Color
Touchscreen

Fully
Accessibility

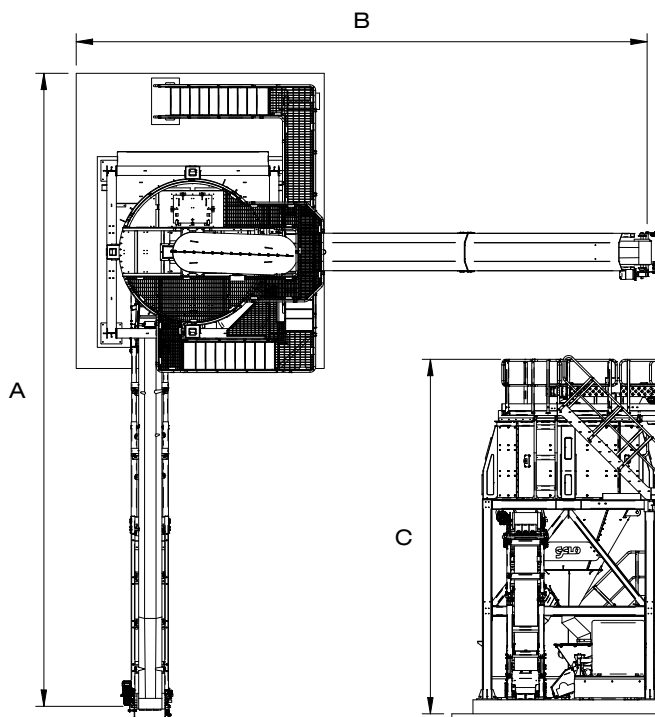
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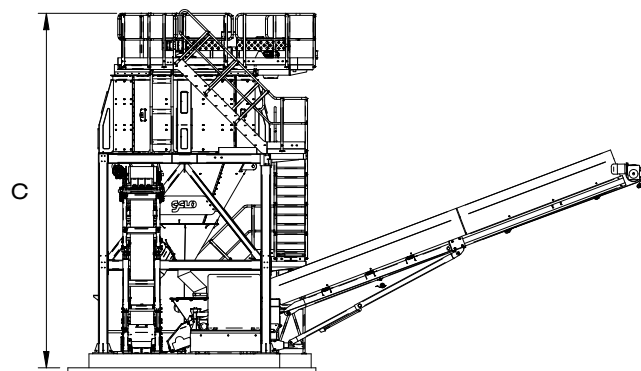
3D VIEW



Dimensions



PLAN



ELEVATION

	A	B	C
Aerograder C100	14000	13000	7500
Aerograder C200	16000	15000	8500

Click / Scan to see it in action



TECHNICAL SPECIFICATIONS

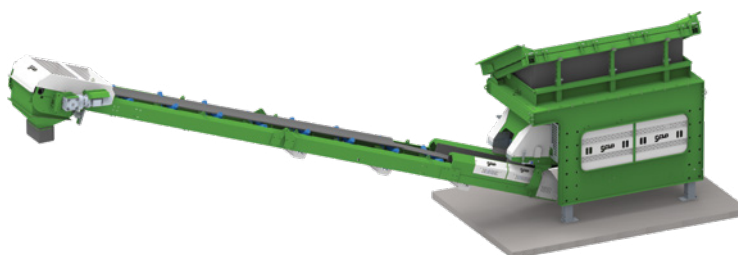
	Aerograder C100	Aerograder C200
Feed Capacity#	60-70 tph	120-150 tph
Number of Products	1 Coarse, 1 Fine	1 Coarse, 1 Fine
Recommended Feed Size (typical)	<5mm	<5mm
Surface Moisture in Feed (content)	1-2%	1-2%
Fines Cut-Point Range (microns)	75-100	75-100
Power Requirement	38kW	66kW
Feed Point (height)	7.0 mtr	8.0 mtr
Plant Footprint	4.8 x 4.8 mtr	5.8x 5.8 mtr

Standard Delivery Pack

Support Structure with Full Access Staircase & Walkway	✓	✓
Wing Stockpile Conveyor	W9 x 2	✓
Dust Suppression System with Accessories on Fines Conveyor	✓	✓
Canopy on Fines Conveyor	✓	✓
Motor Control Panel	✓	✓
Electrical Pre-Wire	✓	✓
Set of Commissioning Spares & Maintenance Tools	✓	✓
First-Fill Lubricants	✓	✓
Erection & Commissioning Assistance (Supervision only)	✓	✓
Operation & Maintenance Manual (in English)	✓	✓

Optional Add-On

Feeding System with Belt Weigher



Do not add water in upstream circuit for best results.

We are CFlo

A leading innovator in modular wet processing technologies, delivering bespoke equipment solutions across waste recycling, upcycling mining waste, ore beneficiation, and critical mineral recovery.



Click / Scan
for video

Customer Support

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