

The Andela GPT-1HD Glass Pulveriser processes 3–5 tons of waste glass per hour, converting it into safe, sharp-free sand and gravel. Its compact design integrates a pulveriser and dual-screen trommel, efficiently separating non-glass contaminants. Ideal for space-conscious recycling operations, it offers easy maintenance and installation.



Features

- Processing capacity of 3–5 T/phr
- Produces safe-to-handle glass sand and aggregate
- Dual screen trommel for aggregate and sand separation
- Separation of non-glass contaminants, such as caps, labels, ceramics, and steel
- High volume reduction for efficient recycling
- Safe and easy to operate

Options

- Bin lifter for easy loading
- Custom hoppers to suit site needs
- Trommel for separating sand and aggregate
- Feed conveyor for continuous input
- Surge hopper for consistent material flow



PRODUCT SPECIFICATIONS

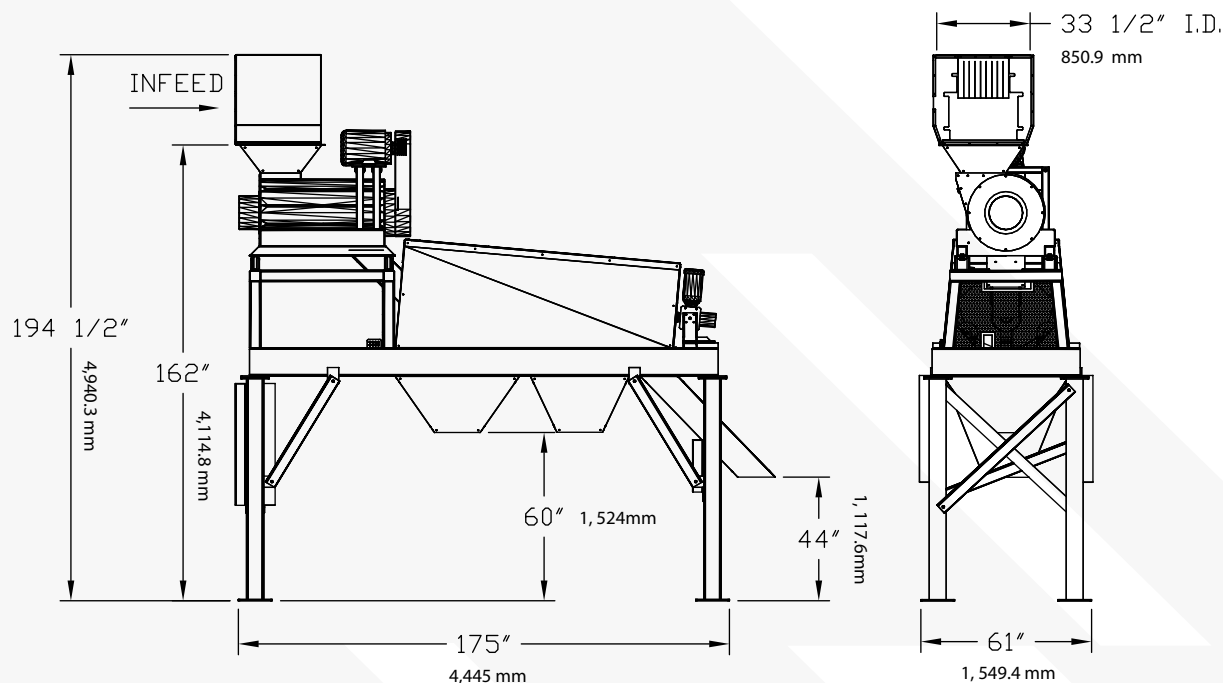
DIMENSIONS	
Width	≈ 1 625 mm
Length	≈ 4 260 mm
Height	≈ 2, 745 mm (Adjustable)
Weight	≈ 3500 Kg
Infeed opening	355 x 355 mm
Input chamber diameter & length	508 mm × 1 117.6 mm
PERFORMANCE	
Power supply	460 V / 3 Phase
Drive power - main drive	7.5 kW (pulveriser), 1.12 kW (Trommel)
CAPACITY	
Infeed	accepts bulk loading of glass up to 3 m ³ with the standard Andela surge hopper
Indicative Throughput	3-5 T/hr*
Glass types	all types
Output	Screen #1: 5 mm (or to spec) Screen #2: 11 mm (or to spec)
Separation of packaging	Yes (non-glass contaminants including caps, labels, ceramics, steel)

*US Short Ton

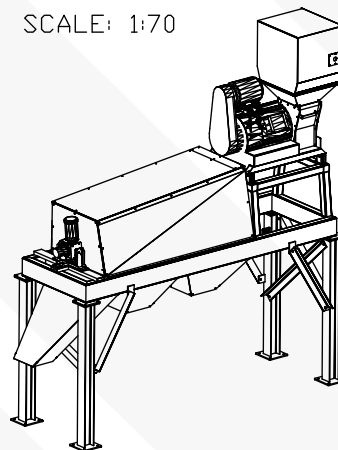


Dimensions and technical information without obligation. Subject to change.

PRODUCT SCHEMATICS



SCALE: 1:70



Notes:

Electrical is 3 Phase, 460 V, 60 Hz.

Motors:

Pulveriser - 10 Hp

Trommel - 1.5 Hp

Approx Weight: 3.5 T

All dimensions are reference dimensions and are subject to change per customers specs.



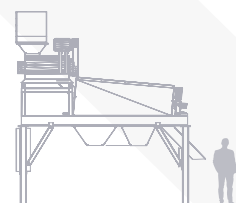
Screens
5 mm / 11 mm
or as specified



Motor
7.5 kW / 112 kW



Waste Types
Glass



Size Comparison