

Glass Pulverizer/Screenener

**Accepts all
types of glass**

**Separates glass sand
from larger debris**

Hand Feed Conveyor

**5-1/2 HP
3 phase, 230-460V**

*Environmentally friendly
Reduces waste
Provides cost effective remedy
for environmentally conscious
communities*

ANDELA PRODUCTS

493 State Route 28
Richfield Springs, NY 13439

(315) 858-0055

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- Process 1000-1500 pounds of glass per/hour.
- All types of glass infeed. No pre-cleaning required.
- Produce a glass sand/aggregate mix without sharp edges.
- Integrated trommel screen separates out the residue (caps, labels, and corks).
- Compact and integrated unit with Pulverizer, Trommel Screen, and Elec Controls



- Quiet Operation
- Simple to operate and maintain
- Shipped complete and ready for operation
- Reasonably priced
- Industrial duty design
- Big machine features with a small machine footprint
- Single frame construction

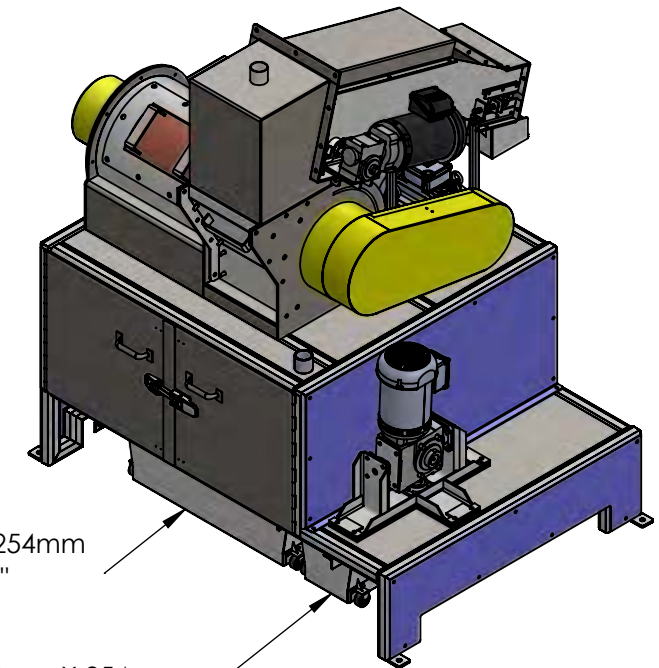
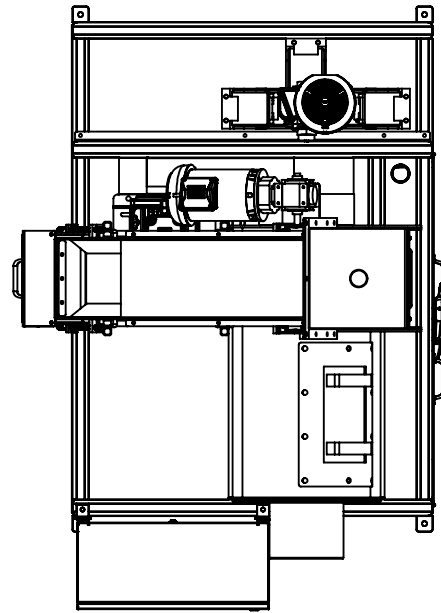
Andela GP-Mini Glass Pulverizer/Screening System Description

Compact Glass Pulverizer and Trommel Screen Unit that produces friendly glass with rounded edges

This small pulverizer system has the same patented flexible impactor technology as our larger Andela Pulverizer Systems with our time proven design for making quality glass aggregate with separation of caps and paper. The pulverized glass will be 7/16" (11mm) and smaller with rounded edges.

Glass bottles, up to 8" in diameter, are placed by hand on the infeed conveyor and carried into the pulverizer and through the screen to remove the residue (caps, corks and labels). The pulverized glass drops into a bin underneath the unit. The residue is separated and deposited into a separate bin. A misting system is option to alleviate any nuisance dust produced by the process.

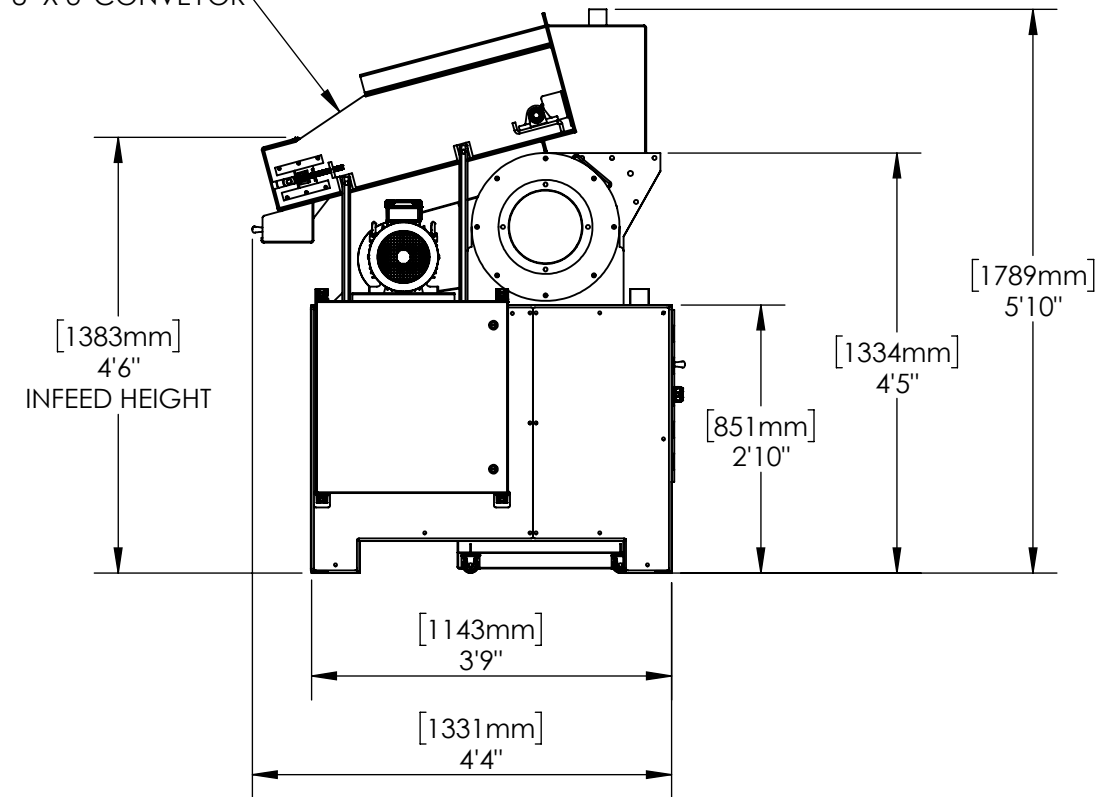
The footprint of the unit is approximately 52" Wide, 75" Long and 70" Tall. The shipping weight is approximately 2,000 pounds.



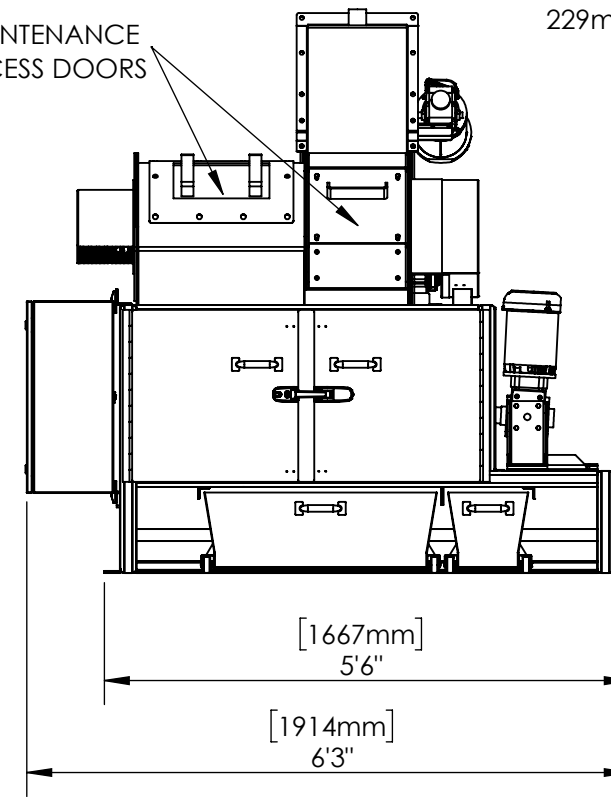
737mm X 559mm X 254mm
29" X 22" X 10"
GLASS BIN

229mm X 559mm X 254mm
9" X 22" X 10"
WASTE BIN

8" X 3' CONVEYOR



MAINTENANCE ACCESS DOORS



ITEM	HP
TROMMEL	1/2 HP
PULVERIZER	5 HP
CONVEYOR	1/4 HP



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DRAWN
DATE 4/6/2021
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DATE
SCALE 1:24

GP-MINI
GLASS PULVERIZER

ANDELA PRODUCTS

REVISION	DATE	FILE NO

GP-MINI
SHEET 1 OF 1



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ANDELA GLASS PULVERIZER SYSTEM
MODEL GPM
Hand Fed Miniature Pulverizer
1000-1500 lbs. /hr.

MACHINE SPECIFICATIONS

Dimensions

Overall Length 75"
Overall Width 52"
Overall Height 70"
Approx. Shipping Weight 2000 lbs.

Pulverizer

Machine Input Opening Infeed up to 8" Dia. Bottles or Glass
Barrel Diameter and Length 16" x 34"
Barrel Liner CC Abrasion Resistant Steel
Motor Size 5 hp
Solid Steel Shaft Diameter 2"
Number of Hammers 28
Hammer Type Flailing Arm/Hardened Steel
Bearing Size 2" Heavy Duty
Seal Protection 2 Seals at Each Shaft Bearing

Trommel

Screen Barrel Diameter and Length 14" OD x 2' long
Screen Type Stainless Steel Woven Wire
Motor Size 1/2 hp

Pulverized Glass Bin 29" x 22" x 10"
Waste Bin 9" x 22" x 10"

Safety Features

E-Stop
Protective Guards Cover Input Hopper, Drive Unit and Bearings

Electrical – Control Panel Included Pre-wired to Motors

Motor Voltage 230/460V, 60 Hz 3 Phase (Single Phase Option)
Controls Push Button Start/Stop

The manufacturer reserves the right to change designs
and specifications without notice.

Electrical Control Panel

Enclosures - Enclosures are rated per the environment and are NEMA 4 or better. All enclosures are supplied with an emergency stop.

Main Disconnect - The main disconnect is provided with fuses or a circuit breaker and has a “Lockout/Tag out” feature.

Motor Starters - The motor starters are IEC rated.

Branch Circuit Protectors - The Branch circuit protectors are provided with a circuit breaker and a motor overload as an integral part of the unit.

Push Buttons - All push buttons are heavy duty dust tight/water tight design.

Standards - Built to UL-508 Industrial Standards. Electrical schematics and parts lists are supplied with the unit when the whole system is shipped. Can be CE certified upon request.