



# Andela

## GP-MegaMini

### Glass Pulverizer/Screeners with Infeed Conveyor

**Accepts all  
types of glass**

**Produce both glass sand  
and glass aggregates,  
separated  
from larger debris**

**Infeed Conveyor**

**Total System: 7 HP  
3 phase 240-480V**

*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

[www.andelaproducts.com](http://www.andelaproducts.com)  
[info@andelaproducts.com](mailto:info@andelaproducts.com)



- Process 1500-2000 pounds of glass per/hour.
- Infeed all types of glass, no pre-cleaning required.
- Produce both a glass sand and glass aggregate, 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
- Reasonably priced
- Industrial strength design
- Cleated rubber conveyor with self cleaning tail pulley
- Big machine features with a small machine

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**ANDELA GLASS PULVERIZER SYSTEM****MODEL GP-MegaMini**

**Bulk Fed GP-MM Pulverizer with Trommel Screen and Conveyor**  
**1500-2000 lbs. / hour**

**MACHINE SPECIFICATIONS****Dimensions**

Overall Length ..... 163"  
Overall Width ..... 99"  
Overall Height ..... 140"  
Approx. Shipping Weight ..... Machine- 3240 lbs. / Conveyor- 1700 lbs.

**Pulverizer**

Machine Input Opening ..... 12" x 12"  
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 ..... 21" OD x 4' long  
..... 21 in. x 2 ft. sand screen and 21 in. x 2 ft. aggregate screen  
Rotating Brush ..... (2) - 7" diameter  
Screen Type ..... Stainless Steel Woven Wire  
Motor Size ..... 1 hp

**Conveyor**

Belt Type ..... 12 Troughing, 3 in. Cleated Rubber Belt, Self-Cleaning Tail Pulley  
Motor ..... 1 hp

**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  
Controls ..... Push Button Start/Stop

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

## **Heavy Duty Design Highlights**

High quality, low maintenance design for abrasion resistance

Heavy duty construction to outlast competitors

Chromium Carbide Liners last up to 6,000 hours

Produces crushed and/or pulverized glass with no sharp edges.

Two sizes: Glass Sand and Glass Aggregate

Use locally to replace sand or gravel in landscaping, construction, or other applications.

## **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.

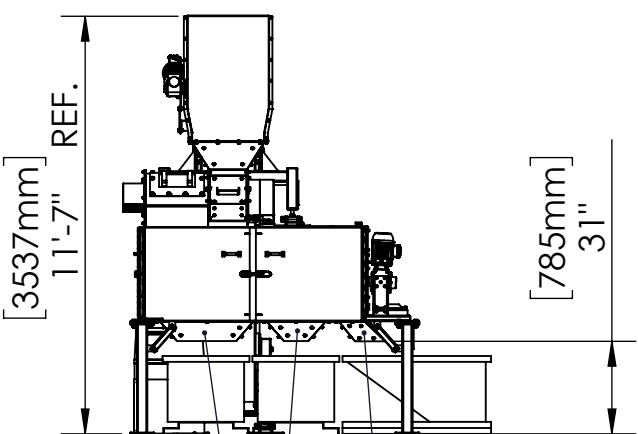
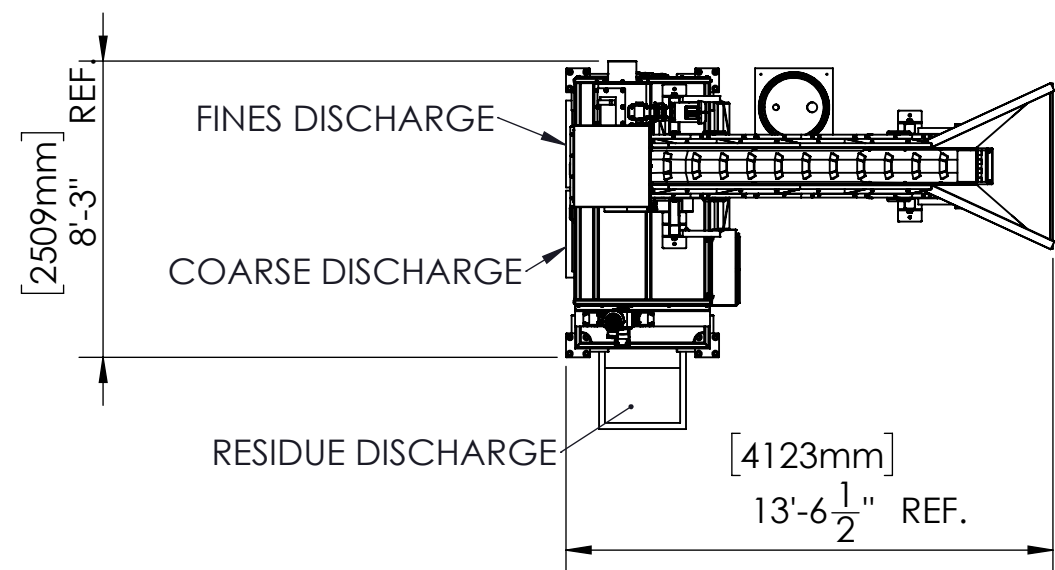
**Motor Starters** - The motor starters are IEC rated.

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

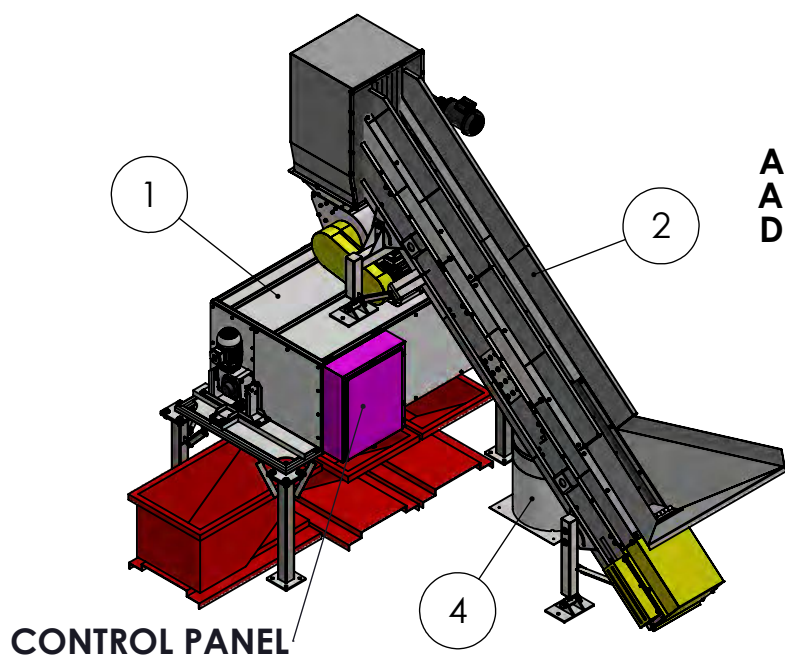
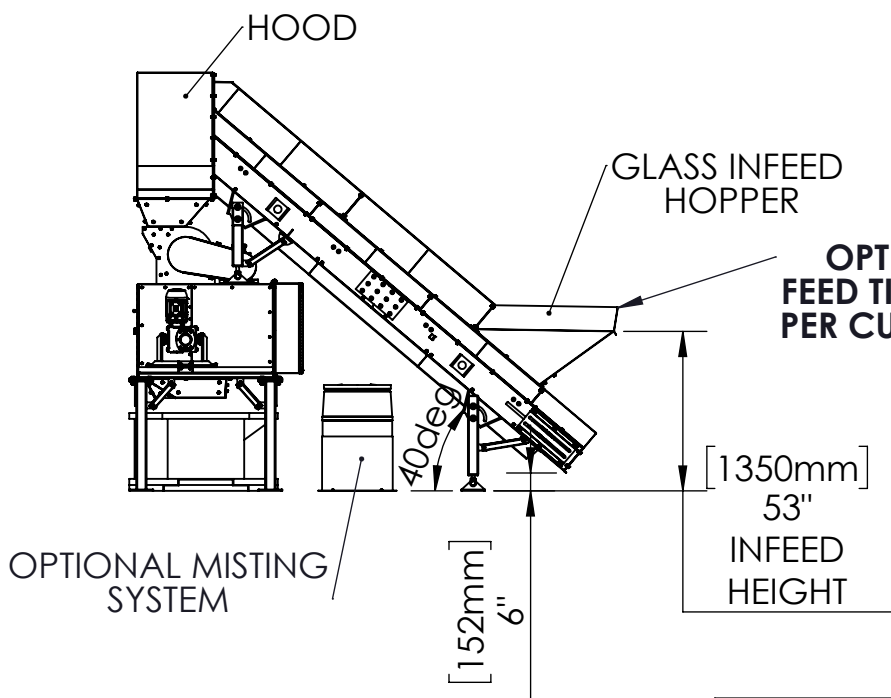
**Push Buttons** - All push buttons are heavy duty dust tight/water tight design.

**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.

50" INCHES MINIMAL WALL CLEARANCE  
THIS SIDE RECOMMENDED FOR  
MAINTAINANCE OF EQUIPMENT



FINES DISCHARGE  
RESIDUE DISCHARGE  
COARSE DISCHARGE



CONTROL PANEL

THIS DRAWING IS INTENDED  
FOR PROPOSAL PURPOSES  
ACTUAL DESIGNS, DIMENSIONS  
AND DETAILS MAY VARY AFTER  
DETAILING AND FINALIZATION.

**NOTES:**  
1) SPECIFY ELECTRICAL REQUIREMENTS FOR SYSTEM:  
PHASE : 3 Phase  
  
FREQUENCY : \_\_\_\_\_  
  
VOLTAGE : \_\_\_\_\_  
  
2) ALL DIMENSIONS ARE REFERENCE DIMENSIONS  
AND MAY VARY PER CUSTOMERS SPECIFICATIONS  
3) MISTING SYSTEM LOCATION TO BE DETERMINED  
BY CUSTOMER.

**APPROVAL**  
  
BY: (PRINT) \_\_\_\_\_  
  
BY: (SIGN) \_\_\_\_\_  
  
DATE: \_\_\_\_\_  
  
AS NOTED: \_\_\_\_\_

**NOTES:**  
-ALL DIMENSIONS ARE FOR REFERENCE AND MAY VARY PER CUSTOMER  
- 1/2 YRD. TIP BINS SHOWN FOR REFERENCE  
-HOODS, INFEED HOPPERS & DISCHARGE CHUTES MADE TO CUSTOMER REQUIREMENTS

GLASS PULVERIZER MEGA MINI SYSTEM		
ITEM #	DESCRIPTION	H.P.
1	GP-MM	5 H.P./1 H.P.
2	12" TROUGHING CONVEYOR/HIGH SIDES	1 H.P.
3	OPTIONAL MISTING SYSTEM	1/12 H.P.