



Andela

AGB-06HD

AGB-06 HD Glass Crusher

5 TPH

Efficient Size Reduction

Flexible Impact Hammers

Product Destruction

Glass Cullet Processing

Commingled Container Processing & Separation

Model:

AGB-06: 5 TPH

*Reduces waste
Provides a cost effective remedy
for environmentally conscious
communities*

ANDELA PRODUCTS

493 State Route 28
Richfield Springs, NY 13439

Phone: (315) 858-0055

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- The Andela AGB-06HD Glass Crusher is used for glass cullet production or to efficiently reduce and separate mixed glass from a commingled mix of glass, plastic and aluminum.
- The flexible impact hammers will liberate and crush glass, ceramics and other breakable materials.
- Specifically designed, engineered, and outfitted with select abrasion resistant materials to endure the rigors of glass processing.
- Simple to operate and maintain
- Low power requirements for significant size reduction
- Will process a mix of glass and other materials selective size reduction
- Big machine features with a small machine price
- Heavy duty construction



ANDELA BREAKER MODEL AGB-06HD

The Andela Breaker is ideally suited to many applications because of its durability, flexibility, and design. This equipment is unique in its ability to successfully process a broad range of items using a technology that selectively reduces certain material while leaving others whole.

MACHINE SPECIFICATIONS

Dimensions

Overall Length	62"
Overall Width	77"
Overall Height	Variable
Input Opening	36" x 24"
Frame Construction	Welded Steel with 1/4" to 3/4" Thick Abrasion Resistant Replaceable Bolt In Steel Liner Plates Heavy Duty Frame with Vibration Isolation (4) Mechanical Spring Isolators

Drive Componentry

Motor Size	(1) 7.5 hp
Solid Steel Shaft Diameter	2-1/2"
Number of Hammers	12
Hammer Type	Heavy Duty Flailing Arm of Through Hardened Steel
Bearing Size.....	2-1/2"

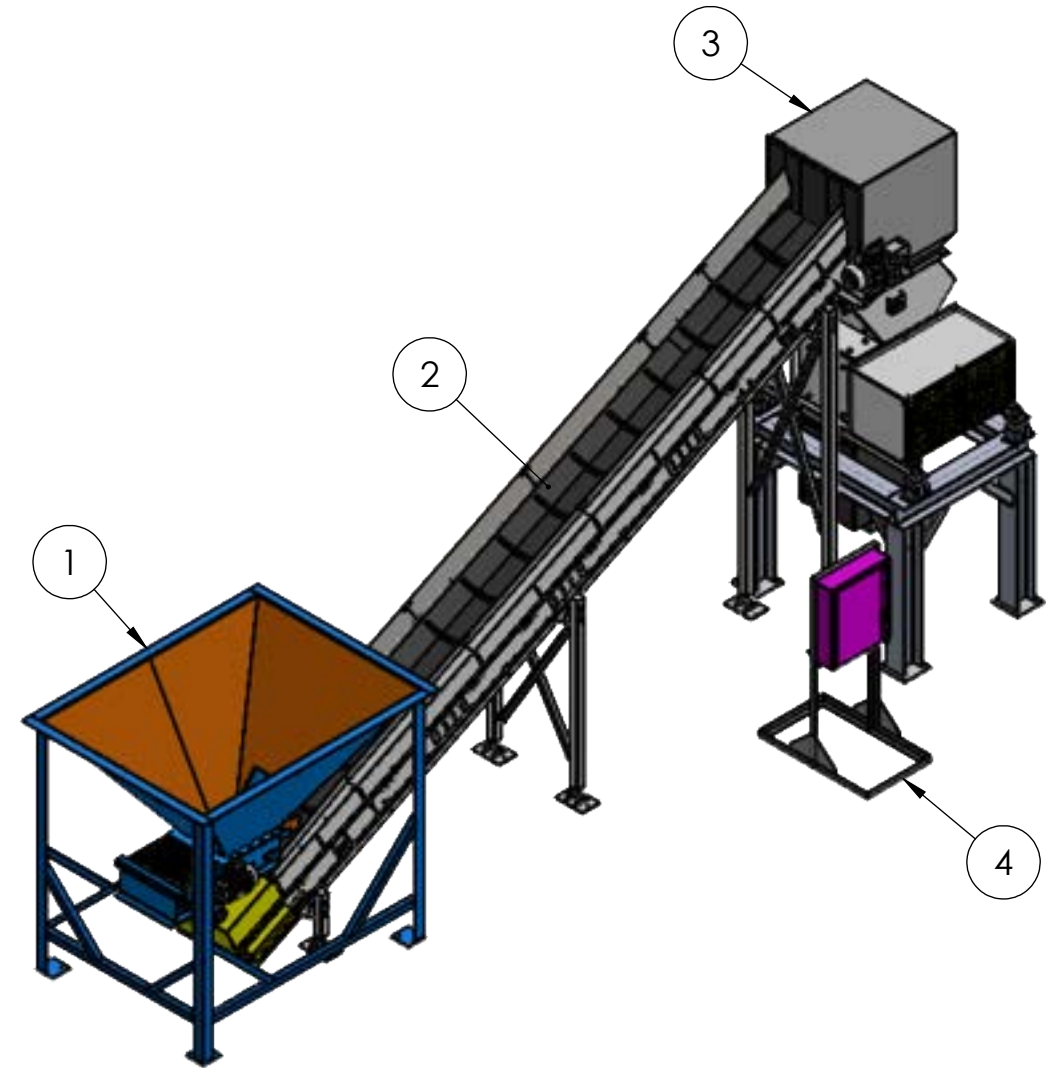
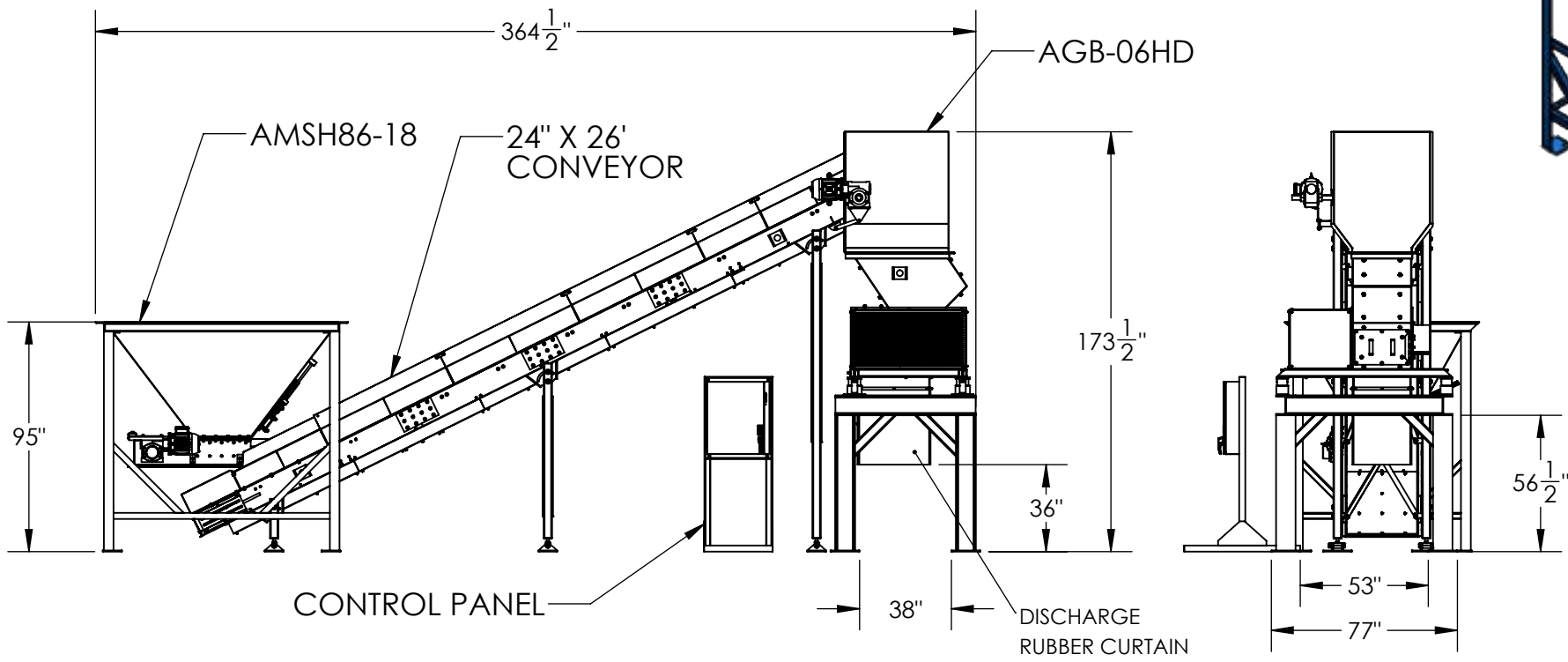
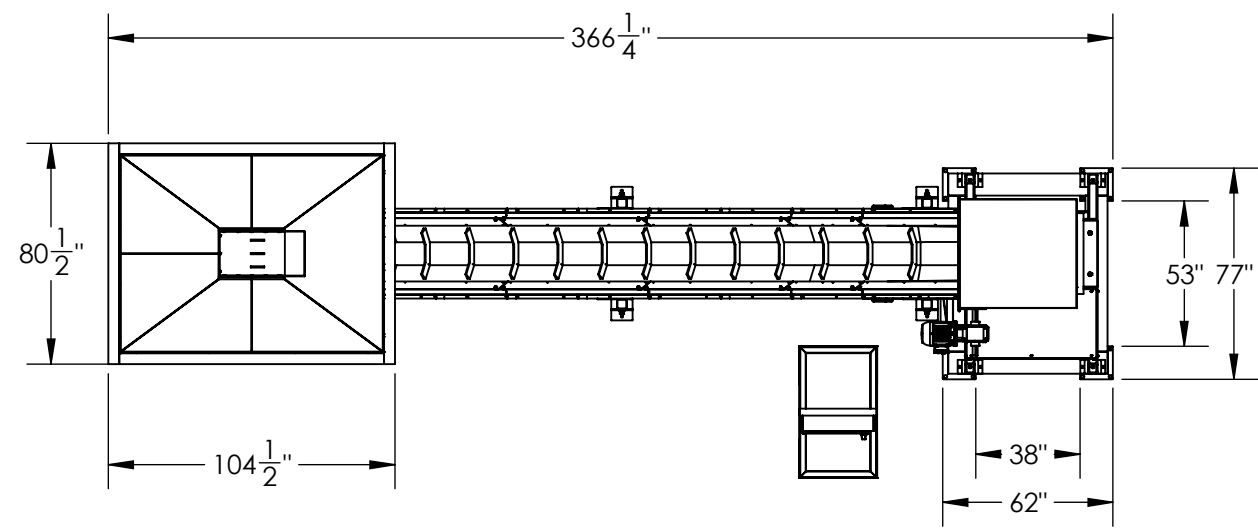
Safety and Maintenance Features

Protective Guards	Cover Input Drive Unit and Bearings
Access Door.....	Removable Panels for Hammer and Liner Maintenance

Electrical

Motor Voltage	230/460VAC, 60 HZ, 3 Phase (or to customer specifications)
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The manufacturer reserves the right to change designs and specifications without notice.



ANDELA GLASS CRUSHER SYSTEM - AGB-06HD				
ITEM NO.	PART-ITEM NO.	DESCRIPTION	HORSE POWER	QTY.
1	AMSH86-18	AMSH86-18 SURGE HOPPER	3 H.P.	1
2	24IN X 26FT CONV	24" X 26' CONVEYOR	3 H.P.	1
3	AGB-06HD	GLASS BREAKER on STAND	7.5 H.P.	1
4	CP-HD	CONTROL PANEL AND STAND	N/A	1



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DRAWN BY:
MB
MODELED BY:
MB
DATE
3/6/2024
CHECKED BY:
SCALE
1:70

ANDELA GLASS CRUSHER SYSTEM
AGB-06HD

ANDELA PRODUCTS

REVISION	DATE	FILE NO

ALL EQUIPMENT PAINTED RAL-5015 SKY BLUE, ALL GUARDS AND RAILINGS PAINTED RAL-1023 TRAFFIC YELLOW, AND ALL PLATFORMS PAINTED RAL-9017 TRAFFIC BLACK, UNLESS OTHERWISE NOTED.

ANDELA GLASS CRUSHER SYSTEM
SHEET 1 OF 1



Andela

Hoppers

Surge Hopper

**Evenly Distributes
Material**

**Essential for Bulk
Loading**

Models:

AMSH86-18

AMSH86-24

Environmentally friendly

Reduces waste

*Provides cost effective remedy
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- The Andela Metering Surge Hopper is designed to accept bulk loading of glass or other materials
- Holds 4 cubic yards, or up to 6 cubic yards with optional flared extensions (shown in picture)
- Reciprocating plate feeder meters the flow rate of material into the system
- Adjustable slide gate regulates whole, or mixed broken glass to desired throughput

- Simple to Operate & Maintain
- Easy Installation
- Reasonably Priced
- Heavy Duty Construction
- 18" or 24" wide Discharge
- Abrasion Resistant Materials on All Wear Surfaces



**ANDELA METERING SURGE HOPPER
MODEL AMSH86-18FS
with flared sides**

MACHINE SPECIFICATIONS

Dimensions

Capacity..... 6 to 7 cubic yds.
 Overall Length125”
 Overall Width101”
 Overall Height111”
 Discharge Opening18” wide x Adjustable Height
 Discharge Height40”

Drive Componentry

Motor Size(1) 3 hp
 Direct Drive System Totally Enclosed Gear Reducer
Reciprocating Plate with Eccentric Drive

Electrical

Motor Voltage..... 230/460 VAC, 60 HZ, 3 Phase
 (VAC and HZ provided to customer specifications)

Selected surfaces hardened for long wear and durability.

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Andela

Conveyors

Belt Width Options:
18", 24", 30" & 36"

Variable Lengths, Bed
Types, & Pans Available.

Stainless Steel Sections
for Crossbelt Magnets

Conveyor Types:
Slider Bed
Troughing Roll

Belt Tread Type:
Cleated belt
Smooth belt
Chevron belt



- Andela Conveyors are available in various sizes and configurations to fit any application
- Remote grease fittings and lines extend to base of conveyor for ease of maintenance

- **Increases Production**
- **Less Handling of Material**
- **Heavy Duty Construction**

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ANDELA SYSTEM CONVEYORS
MACHINE SPECIFICATIONS

Heavy Duty – Troughing

Overall Length/Width	According to Quotation
Drive System	3-phase motor and gear reducer, direct drive
Conveyor Body	10” x 3/16” formed steel channels
Carry Surface:	Troughing Roller
Belt	Smooth, chevron or cleared rubber belt
Head Pulley	10” head pulley
Tail Pulley	10” self cleaning tail pulley
Take Up	Adjustable Side Mounted bearings with 1 15/16” bore.
Returns	Return rolls with smooth and chevron belts Belly pans with wear resistant glides for cleared belt
Hopper/Sides/	Formed 10 gauge painted steel

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