



Andela

PRESENTS:

OPPORTUNITIES FOR
LAMINATED & PLATE GLASS
RECYCLING

Andela Laminated Glass & Plate Glass Processing Options

- The AWS-2 Stripper reduces windshield glass into two different marketable products (glass and PVB/laminate)
- The GP-1HD or GP-2HD Pulverizer reduces the glass into fine glass sand aggregates with multiple markets. Selectively reduces the glass, but leaves the non-glass material in their larger form.
- The ATROM-104 or ATROM-105 Trommel Screen Separator separates the glass into two different sizes and the laminates and waste flows out the residue chute.

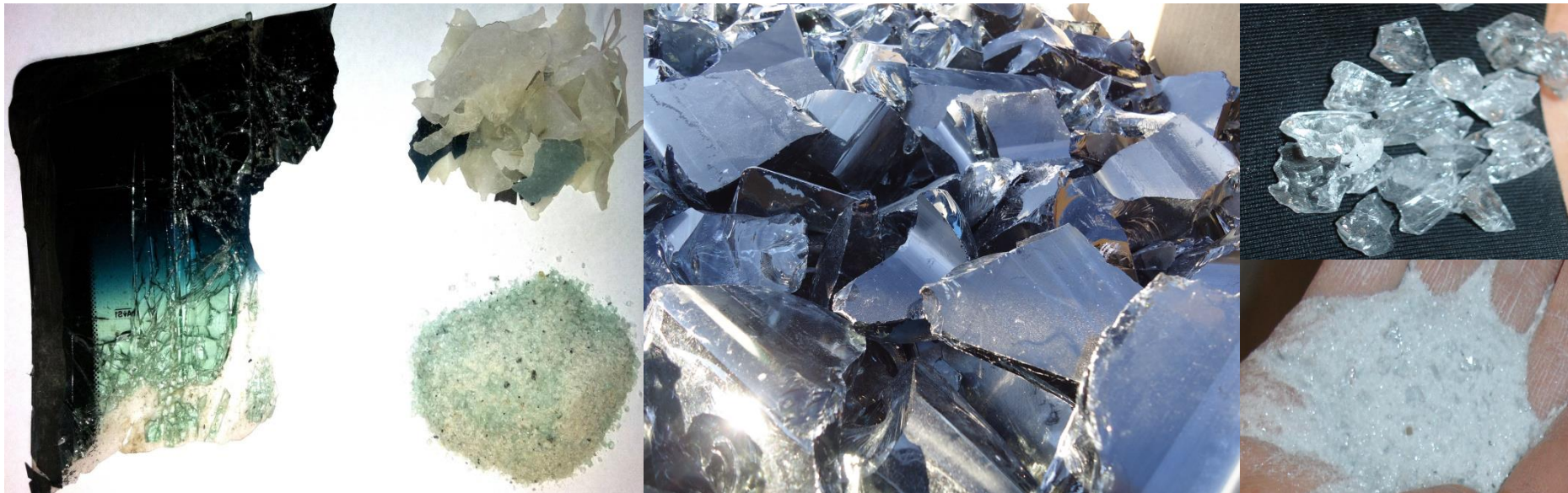
Plate & Windshield Glass Product Markets

Laminated & Plate Glass

- Fiberglass Insulation Feedstock
- Concrete Products – Ruby Lake glass color coated products
- Sandblasting Media

Laminate/PVB

- UV Resistant and Strippable Coating
- Carpet Backing



Andela Windshield & Plate Glass Recycling Components

- AWS-2 Windshield/laminated glass Stripper
- Transfer Conveyors
- AMSH-86-18 Surge Hopper
- GP-1HD or GP-2HD Pulverizer
- ATROM-104 or 105 Trommel Screen
- Dust Extraction and Collection System
- Electrical Controls
- Deck Screener (option)

Andela AWS-2 Windshield Glass Processing



- Windshields or laminated glass are fed by hand or mechanically into the AWS-2.

GP-1HD/GP-2HD Pulverizer



Andela Twin Barrel Glass Pulverizer

Models:

GP-1HD: 10 TPH

GP-2HD: 20TPH

Designed for High Capacity Applications

Flexible Impact Hammers

Product Destruction

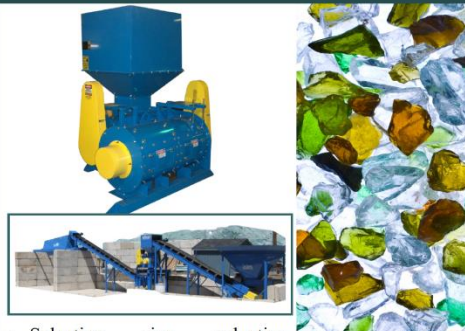
*Reduces waste
Provides a cost effective remedy
for environmentally conscious
communities*

ANDELA PRODUCTS

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- Selective size reduction produces a 3/8" minus glass product while leaving non glass residue in-tact for ease of separation
- Can be purchased as a single unit ready for integration or as part of a full system installation (shown above)
- Generates safe handling glass product with no sharp edges suitable for a variety of applications

- Quiet Operation
- Simple to Operate and Maintain
- Low Horsepower
- Reasonably Priced
- Durable
- Bolt in Liners and Hammers for Easy Maintenance.
- Processes whole glass bottles and/or MRF residue



ATROM-104 or 105 Trommel Screen



Andela

Trommel

Trommel Screener

30" & 48" diameters

6ft–15ft long

1.5 HP–7.5 HP

3 material separations

1 or 2 aggregate sizes

1 oversize / residual

Various Applications

Glass

Compost

Plastics

Rubber

Gravel

Mixed Material

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The Andela Trommel Screen Separator is designed to separate and size aggregate using woven wire mesh or perforated plate.

Our trommels feature direct drive systems flexibly mounted with totally enclosed gear reducers for long lasting performance.

Comes equipped with rotating brushes for cleaning the screens.

Customizable chutes build to customer specification.

- Simple to operate and maintain
- Easy Installation
- Reasonably priced
- Durable
- Totally enclosed with easy access doors
- Single frame construction

Transfer 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



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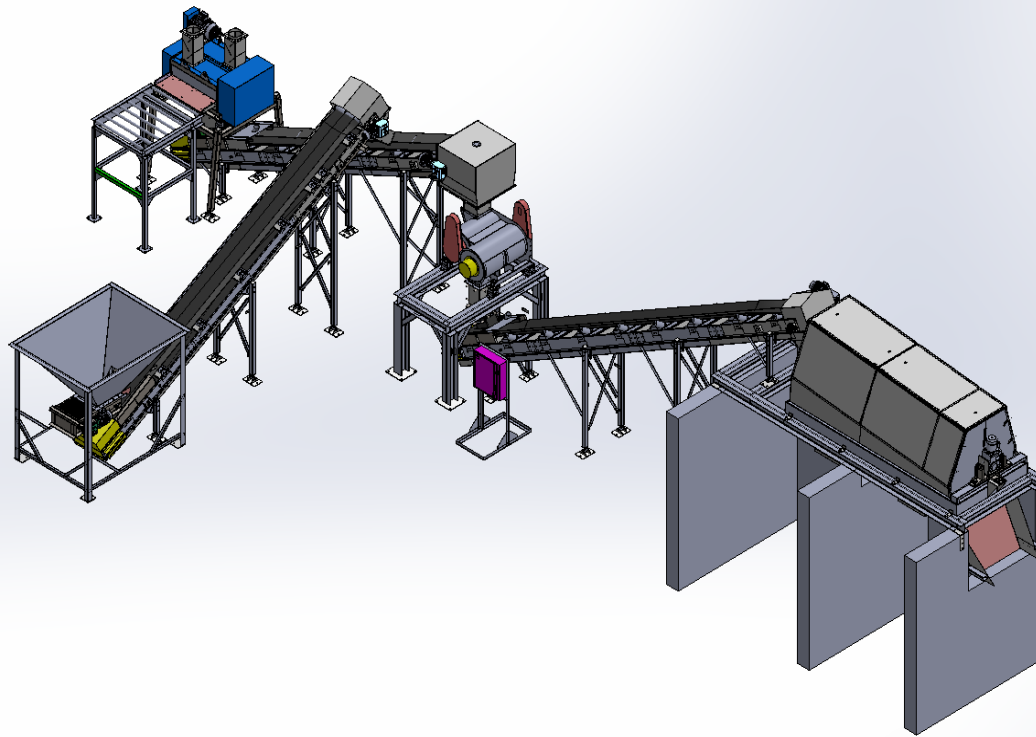
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- Andela Conveyors are available in various sizes and configurations to fit any application
- Remote grease fittings and lines extend to base of conveyor for ease of maintenance

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

Windshield and Plate Glass/Pulverizer Trommel Screen System



System capabilities

- Inputs:

- Scrap Windshield glass
- Plate glass scrap
- Clean bottle glass scrap
- Other laminated glass

Residue:

- Laminate/PVB/plastics paper other non-glass residue
- About 10 % oversized or glass on laminate

- Outputs:

- Pulverized Glass
 - .1mm to 12 mm in size
 - Glass sand and aggregate with no sharp edges
- Amorphous Silica – no health problems
- Angular filtration sand
- Feed stock for Ruby Lake Glass process.