



PRESENTS:

**OPPORTUNITIES FOR**  
**LAMINATED & PLATE GLASS**  
**RECYCLING**

# Andela Laminated Glass & Plate Glass Processing Options

- The AWS-2 Stripper reduces laminated glass into two different marketable products (glass and PVB/laminate)
- The GP-1HD or GP-2HD Pulverizer reduces the glass into fine 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 as the laminates and waste flows out the residue chute.

# Plate & Laminated 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 Laminated & Plate Glass Recycling Components

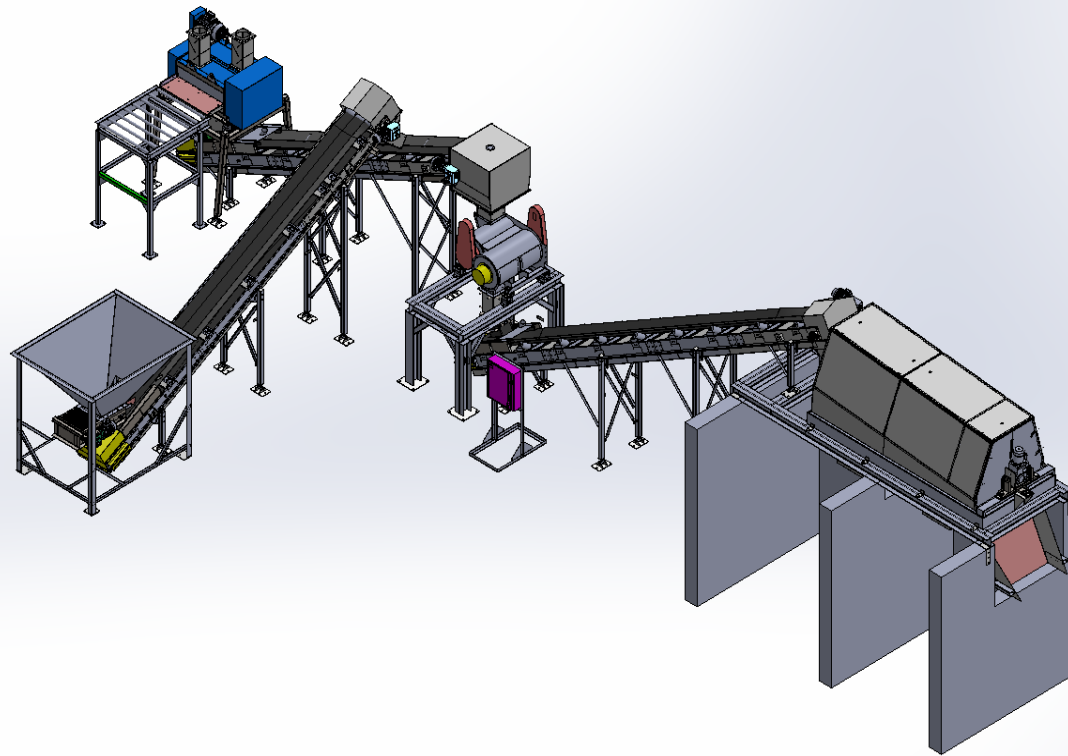
- AWS-2 Windshield/laminated glass Stripper
- Transfer Conveyors
- AMSH-86-18 Surge Hopper
- GP-1HD or GP-2HD Pulverizer
- ATROM-104 or 105 Trommel Screen
- Dust Extraction and Collection System
- Electrical Controls
- Deck Screener (option)

# AWS-2 Laminated Glass Processing



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

# Laminated Glass/Pulverizer Trommel Screen System



# System capabilities

- Input Glass
    - Laminated glass scrap
    - Plate glass scrap
    - Clean bottle glass scrap
    - Waste windshields
  - 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.
- Residue – Outputs
- Laminate/PVB/plastics paper other non-glass residue
  - 5% - 10 % oversized or glass on laminate