Andela

GP-05L

Glass Pulverizer/Screener

1-2 TPH Capacity

Separates Glass Product from Non-Glass Debris

Large Scale Features for a Small Scale Price

Models:
GP-05L

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

ANDELA PRODUCTS

493 State Route 28
Richfield Springs, NY 13439

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GP-05L System



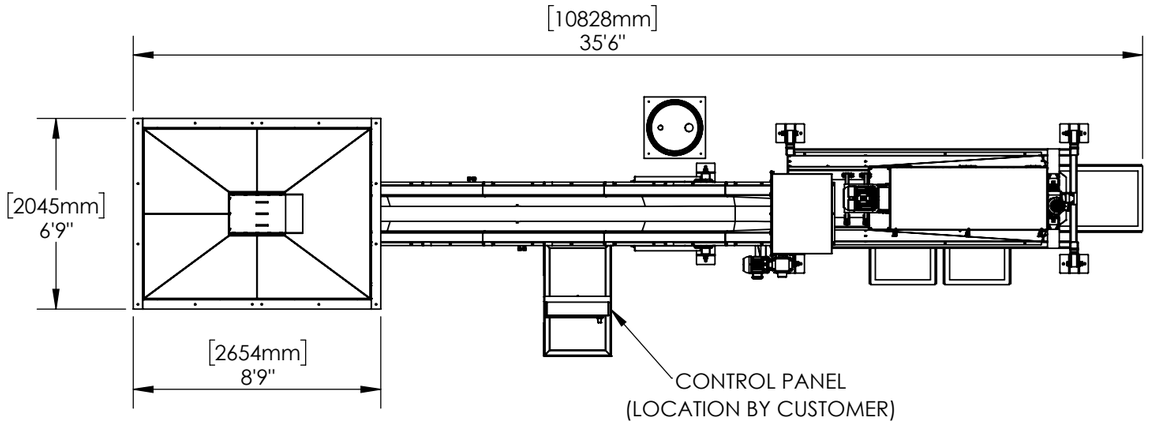
- The GP-05L pulverizer/screening system can process 1-2 tons per hour and accepts all types of glass.
- The GP-05L has a single screen for a 3/8" minus aggregate or two screens to separate glass sand & gravel sizes
- Includes maintenance access doors with replaceable chromium carbide liners and hammers for easy maintenance and service
- Available as a single unit or part of a full system installation (shown above)

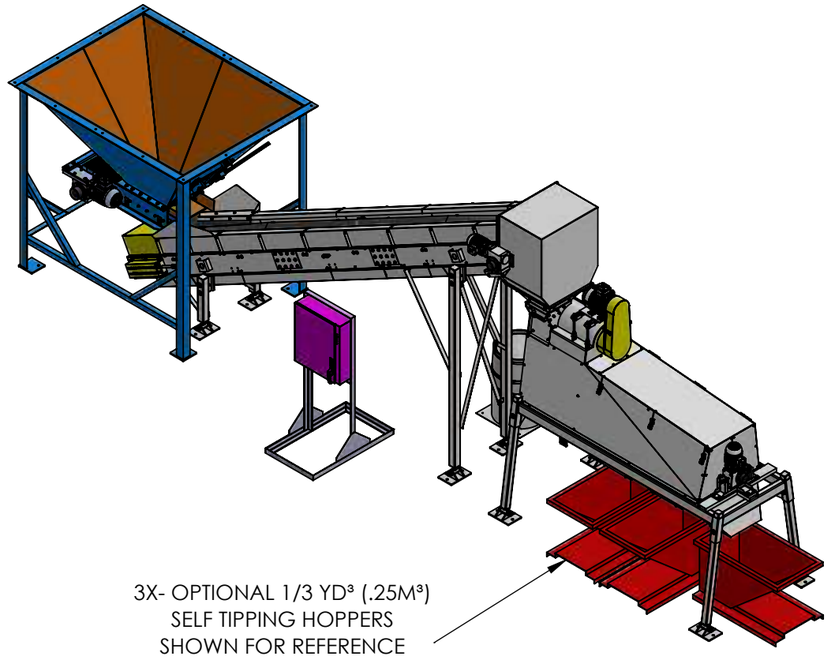
- **Quiet Operation**
- **Simple to Operate & Maintain**
- **Easy Installation**
- **Reasonably Priced**
- **Single Frame Construction**
- **Generates Glass Sand with No Sharp Edges**
- **Abrasion Resistant Materials on All Wear Surfaces**

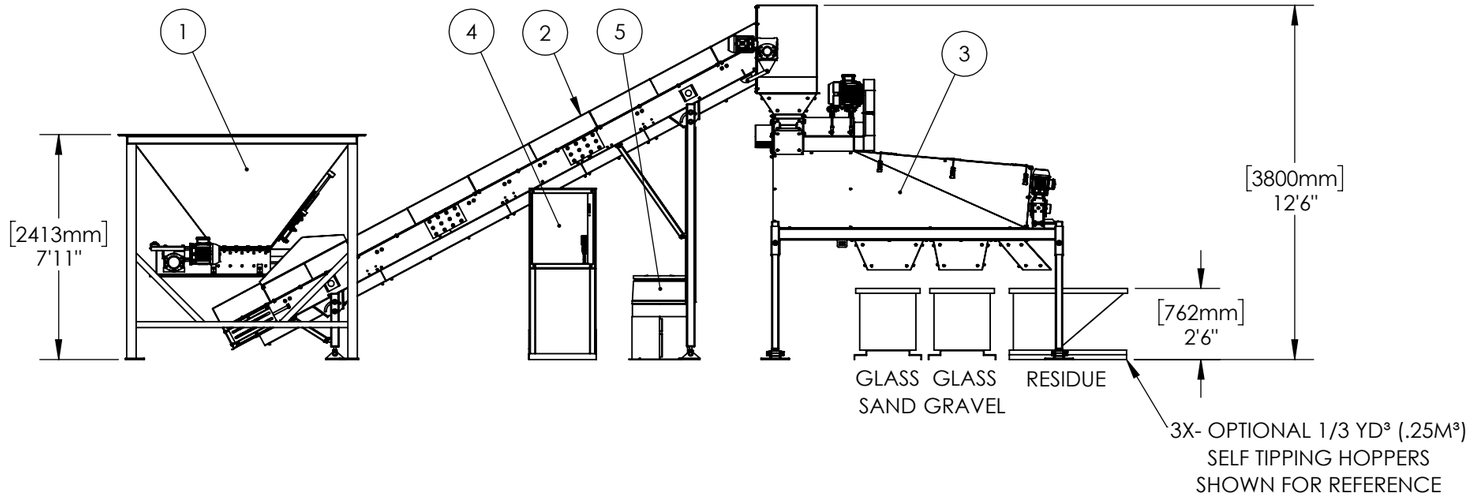
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1) COLOR: RAL-5015 BLUE WITH SAFETY YELLOW GUARDS.
2) ALL DIMENSIONS ARE REFERENCE DIMENSIONS AND MAY VARY PER CUSTOMERS SPECIFICATIONS.
3) CONTROL PANEL AND MISTING SYSTEM BARREL LOCATIONS ARE TO BE DETERMINED BY CUSTOMER.
4) SURGE HOPPER CAPACITY = 3 YD³

ITEM NO.	DESCRIPTION	HP
1	AMSH-86-18	3 HP
2	18"X22' TR CONVEYOR	2 HP
3	GPO5L PULVERIZER	1 @ 7.5 HP 1 @ 1 HP
4	CONTROL PANEL	N/A
5	OPTIONAL MISTING SYSTEM	1/12 HP

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DRAWN JEA
DATE 4/9/2021
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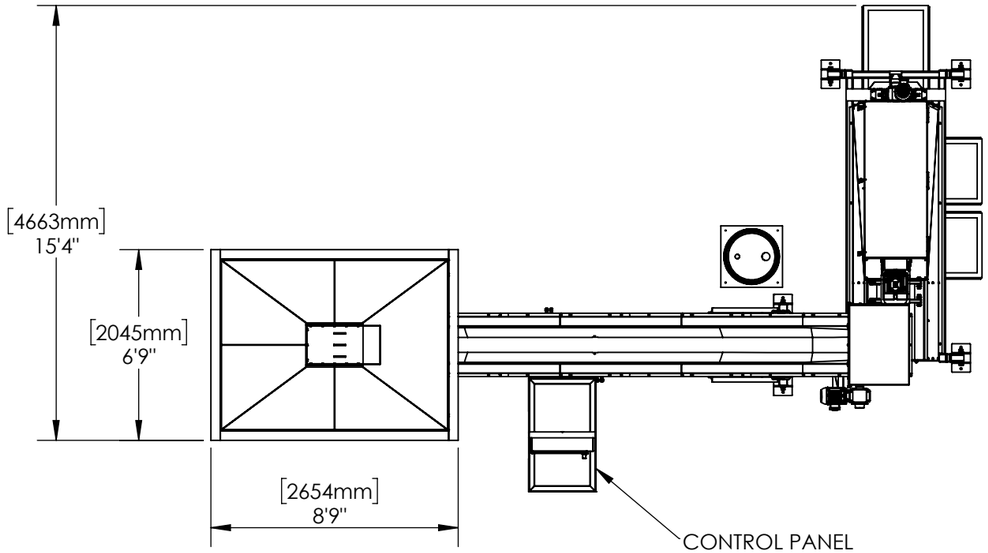
ANDELA PRODUCTS
GP05L SYSTEM - STRAIGHT

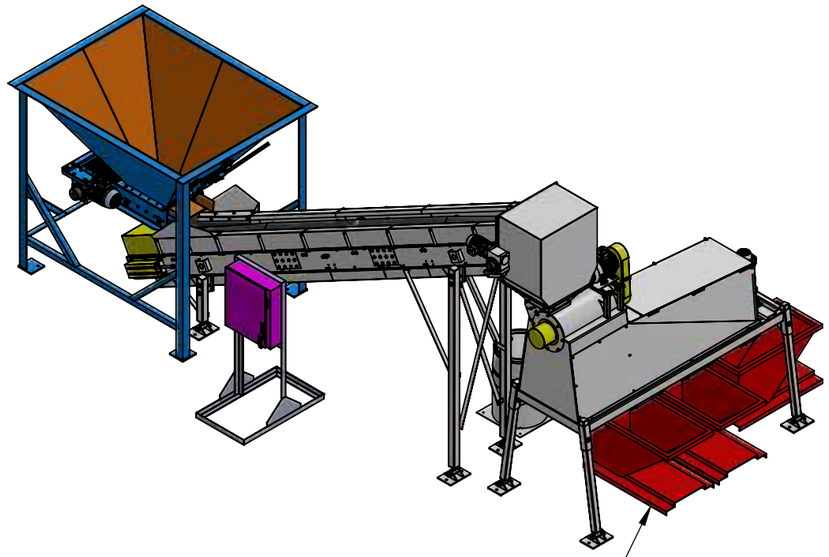
ANDELA PRODUCTS GLASS PULVERIZER SYSTEM

REVISION	DATE	FILE NO

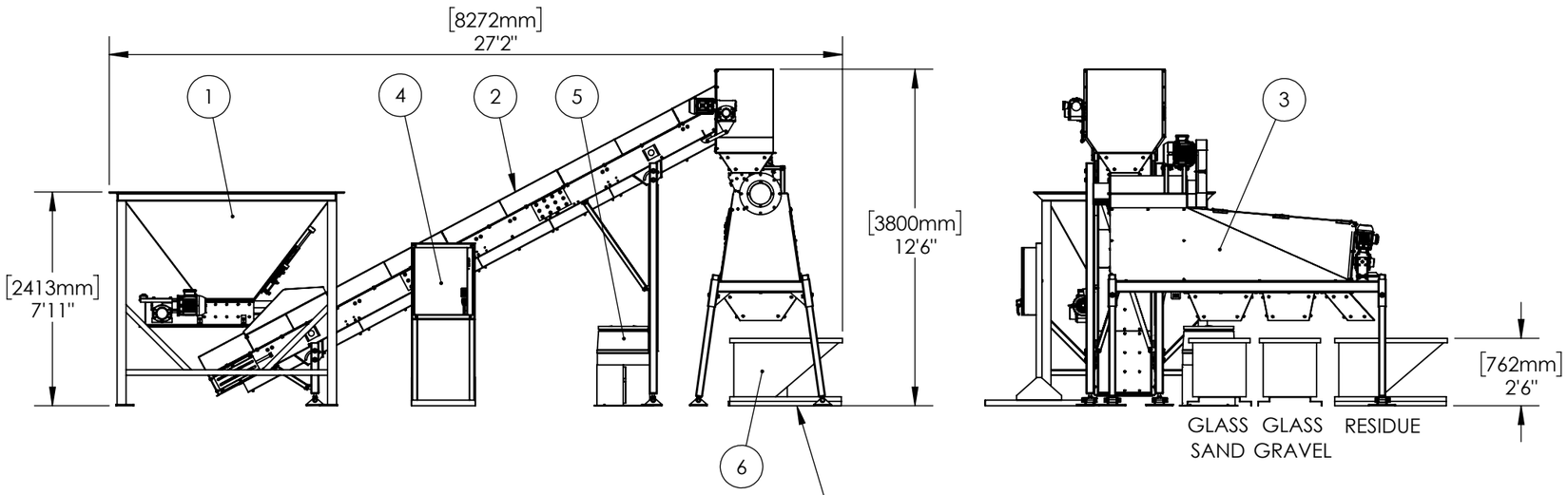
GP05L

SHEET 1 OF 1





3X- OPTIONAL 1/3 YD³ (.25M³)
SELF TIPPING HOPPERS
SHOWN FOR REFERENCE



3X- OPTIONAL 1/3 YD³ (.25M³)
SELF TIPPING HOPPERS
SHOWN FOR REFERENCE

1) COLOR: RAL-5015 BLUE WITH SAFETY YELLOW GUARDS.
2) ALL DIMENSIONS ARE REFERENCE DIMENSIONS AND MAY VARY PER CUSTOMERS SPECIFICATIONS.
3) CONTROL PANEL AND MISTING SYSTEM BARREL LOCATIONS ARE TO BE DETERMINED BY CUSTOMER.
4) SURGE HOPPER CAPACITY = 3 YD³

ITEM NO.	DESCRIPTION	HP
1	AMSH-86-18 SURGE HOPPER	3 HP
2	18"X22' TR CONVEYOR	1 HP
3	GP05L PULVERIZER (LEFT HAND)	1 @ 7.5HP 1 @ 1HP
4	CONTROL PANEL	N/A
5	OPTIONAL MISTING SYSTEM	1/12 HP

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ANDELA PRODUCTS
GP05L SYSTEM - LEFT 90°

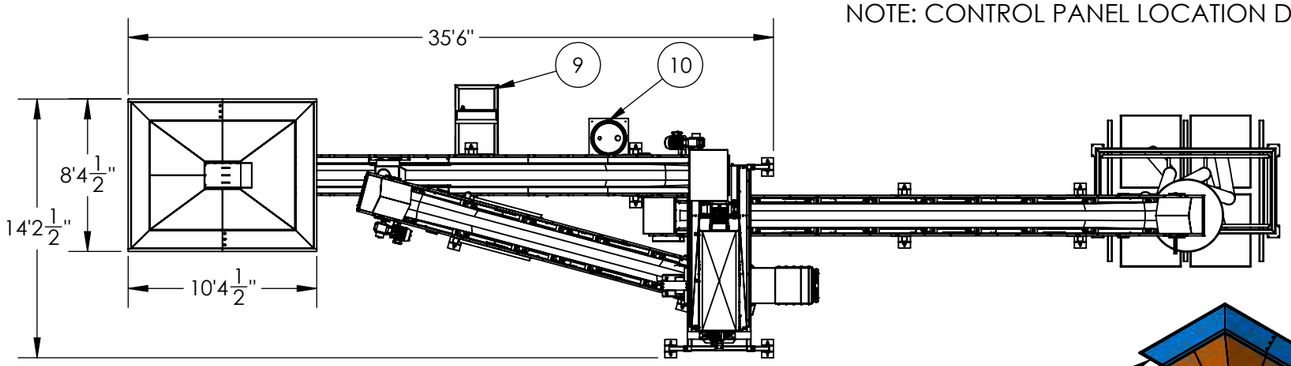
ANDELA GLASS PULVERIZER SYSTEM

REVISION		DATE

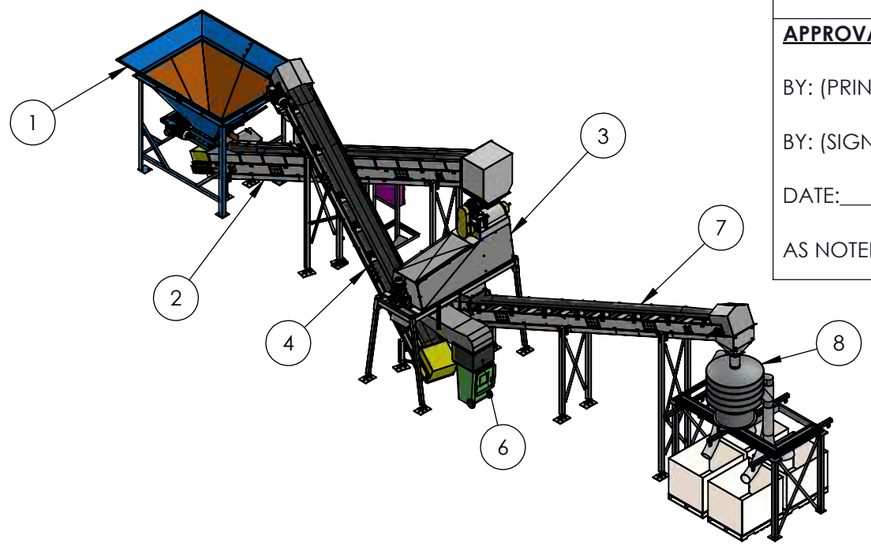
FILE NO

GP05L

SHEET 1 OF 1



NOTE: CONTROL PANEL LOCATION DETERMINED BY CUSTOMER



NOTE: THIS DRAWING IS INTENDED FOR PROPOSAL PURPOSES. ACTUAL DESIGN, DIMENSIONS AND DETAILS MAY VARY AFTER 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.

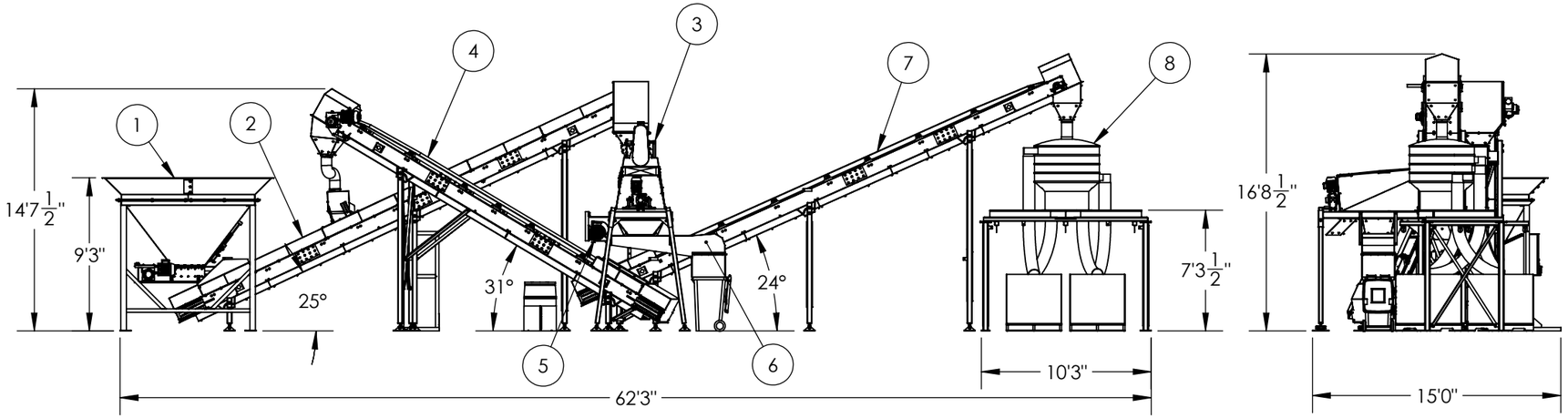
APPROVAL

BY: (PRINT)_____

BY: (SIGN)_____

DATE:_____

AS NOTED:_____



GP05L-R - GP05L - RIGHT HAND SYSTEM W/ RECIRC.			
ITEM NO.	DESCRIPTION	HP	QTY.
1	AMSH-86F SURGE HOPPER WITH 4 SIDED EXTENSION	3 HP	1
2	18" X 30FT CONVEYOR	3 HP	1
3	GP05L-RIGHT HAND	7.5 HP/1HP	1
4	18" X 24FT RECIRC CONVEYOR	3 HP	1
5	AIR BLOWER	1/3 HP	1
6	PAPER REMOVAL DISCHARGE CHUTE	N/A	1
7	18IN X 32FT CONV	3 HP	1
8	SCREENER W/ STAND TBD	VARIES	1
9	CONTROL PANEL AND STAND	N/A	1
10	MISTING SYSTEM	1/12 HP	1

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DRAWN BY: MB
MODELED BY: JEA
DATE 1/17/2024
CHECKED BY:
SCALE 1:100

GP05L-R
GP05L - RIGHT HAND SYSTEM W/ RECIRC.

ANDELA PRODUCTS

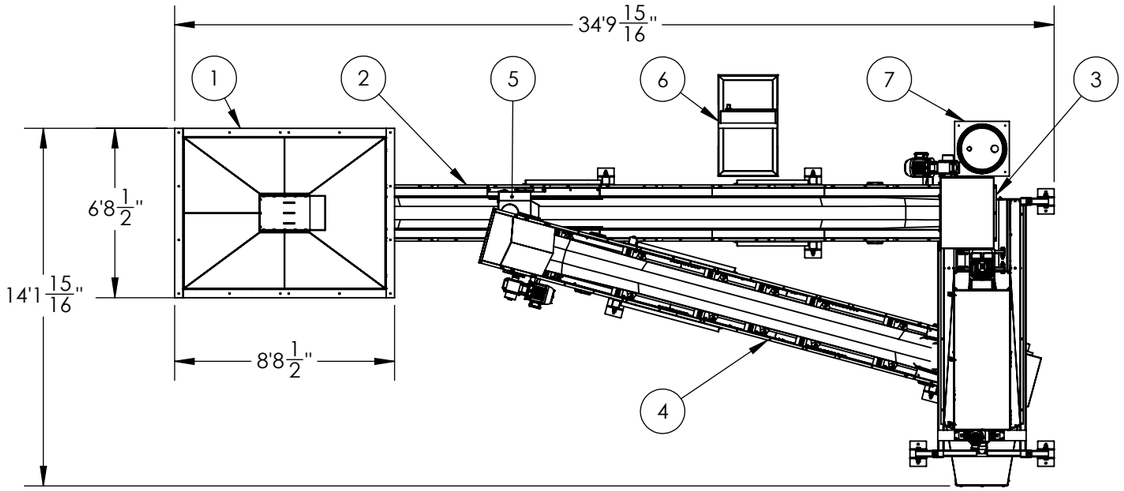
REVISION	DATE

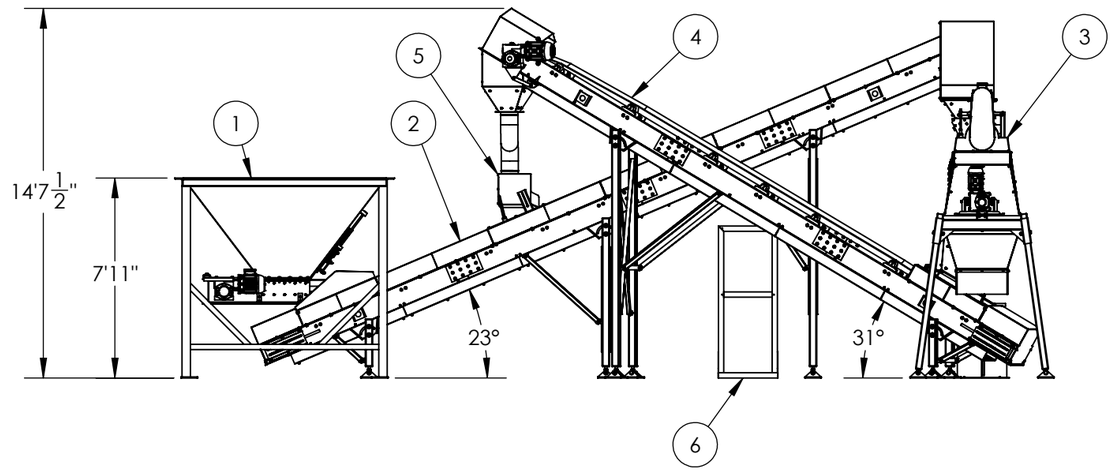
ALL EQUIPMENT PAINTED RAL-5015 SKY BLUE, ALL GUARDS AND RAILINGS PAINTED RAL-1023 TRAFFIC YELLOW, AND ALL PLATFORMS PAINTED RAL-9017 TRAFFIC BLACK, UNLESS OTHERWISE NOTED.

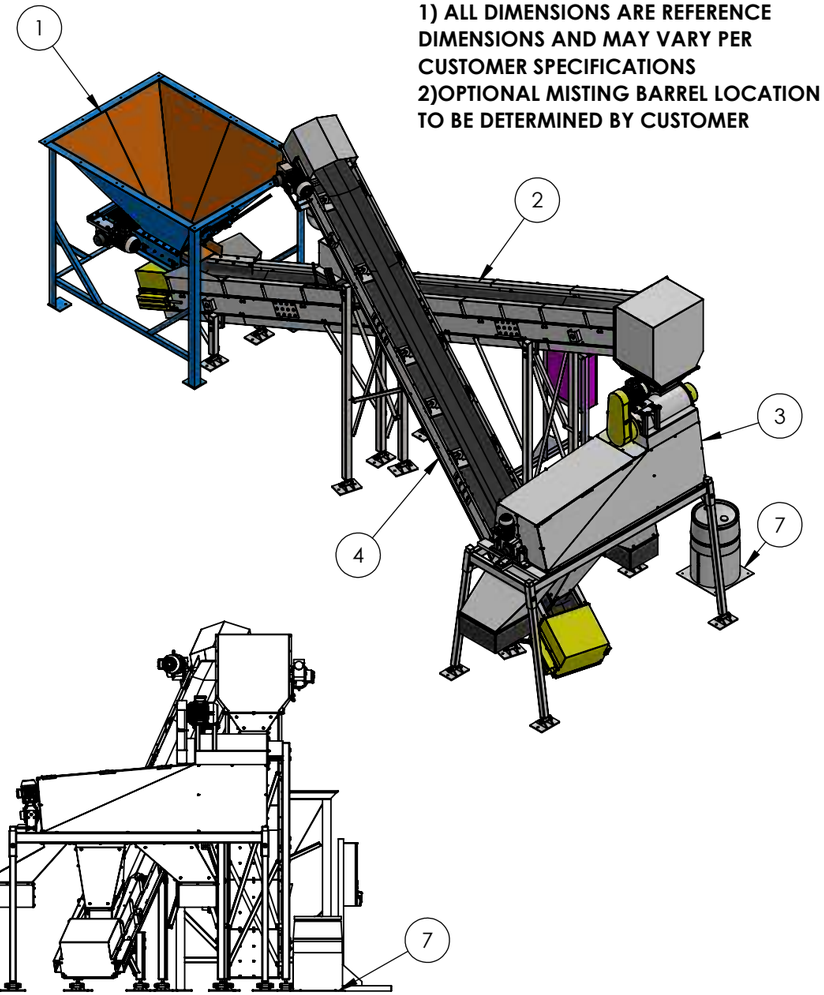
FILE NO.

GP05L-R

SHEET 1 OF 1







NOTES:
1) ALL DIMENSIONS ARE REFERENCE DIMENSIONS AND MAY VARY PER CUSTOMER SPECIFICATIONS
2)OPTIONAL MISTING BARREL LOCATION TO BE DETERMINED BY CUSTOMER

ITEM NO.	DESCRIPTION	H.P.
1	AMSH86-18 SURGE HOPPER	3 H.P.
2	18" X 30' CONVEYOR	3 H.P.
3	GP05L-R RIGHT HAND PULVERIZER	7.5 H.P./ 1 H.P.
4	18" X 24' RECIRC CONVEYOR	3 H.P.
5	DISCHARGE BOX DEFLECTOR	N/A
6	CONTROL PANEL W/ STAND	N/A
7	OPTIONAL MISTING SYSTEM	1/12 H.P.

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DATE
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GP05L-R
GP05L - RIGHT HAND SYSTEM W/ RECIRC.

ANDELA PRODUCTS

REVISION	DATE

FILE NO
GP05L-R

ANDELA GLASS PULVERIZER SYSTEM
MODEL GP-05L
(1-2 tons/hr.)

MACHINE SPECIFICATIONS

Pulverizer

Machine Input Opening	12” x 12”
Barrel Diameter and Length	16” x 34”
Barrel Liner	Chromium Carbide
Motor Size	7.5 hp
Solid Steel Shaft Diameter	2”
Number of Hammers	28
Hammer Type	Flailing Arm/Hardened Steel
Bearing Size	2”
Seal Protection	2 Seals at Each Shaft Bearing
Approximate Shipping Weight	3500lbs

Trommel Screen

Screen #1	24” OD x 2’ long, 3/16” screen opening or to specification
Screen #2	24” OD x 2’ long, 7/16” screen opening or to specification
.... Produces 1/8” minus glass sand, 1/8”-3/8” glass aggregate, and 3/8” plus trash	
Screen Type	Stainless Steel Woven Wire
Rotating Brushes	7” diameter
Motor Size	1 hp

Safety and Maintenance Features

Protective Guards	Cover Input Hopper, Drive Unit and Bearings
Maintenance	Access Doors, External Mount Central Lubrication Block

Electrical

Motor Voltage	230/460 VAC, 60 HZ, 3 phase
	(Or to customer specifications)

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

Andela AMSH-86

Surge Hopper

Evenly Distributes and Feeds Material

Essential for Bulk Loading

Models:
AMSH86-18
AMSH108-24

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

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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 AMSH86–18

MACHINE SPECIFICATIONS

Dimensions

Capacity	4 cubic yrds.
Overall Length	105”
Overall Width	81”
Overall Height	95”
Discharge Opening	18” wide x Adjustable Height
Discharge Height	40”
Approximate Shipping Weight	3250lbs

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
Controls	Push Button Start/Stop

Selected surfaces lined with abrasion resistant steel for long wear and durability.
Hopper completely lined with abrasion resistant steel for long wear and durability.

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

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 cleated belt
Hopper/Sides/	Formed 10 gauge painted steel

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/Tagout" 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.