



# CENTURIONPRO

HEMP & CANNABIS HARVESTING SOLUTIONS



## XL 10.0 - 50HZ MODEL INFORMATION PACKAGE

## XL 10.0 TRIMMER 50HZ - TECHNICAL DATA SHEET

The XL 10.0 system is an automated cannabis and hemp trimming system capable of high throughputs of wet or dry material. The system consists of multiple components and is composed of the following: XL 10.0 Trimmer, XL 10.0 HEPA Filter Leaf Collector Bags, XL 10.0 Blowers, XL 10.0 Infeed Conveyor, and XL 10.0 QC Conveyor.

SYSTEM FEATURES	XL 10.0
<b>Throughput</b>	Up to 3,000 lbs/hour Wet (600 lbs/hour Dry)
<b>Power Requirements</b>	3HP 380V 3-Phase 100Amp
<b>Tumbler/Reel Motor</b>	1HP 380V 3-Phase 1.6Amp
<b>Vac Motor</b>	5 x 8HP 380V 3-Phase 11Amp
<b>Infeed Conveyor Motor</b>	2 x 0.5HP 380V 3-Phase 1Amp
<b>Quality Control Conveyor Motor</b>	0.75HP 380V 3-Phase 1.9Amp
<b>Cutting System</b>	Belt Drive System 20 x 11 Blade Cutting Reels (26")
<b>Tumbler Diameter</b>	20 Inch
<b>Effective Cut Length</b>	520 Inch
<b>Trim Separation</b>	Triple Bag Kief & Trim Collection System
<b>Lifting Mechanism</b>	Manually Actuated to 10°
<b>Food Grade</b>	Yes
<b>Washdown rating</b>	IP65
<b>RoHS compliant</b>	Yes
<b>Automation</b>	Schneider Automation
<b>Primary Material</b>	Stainless Steel and Anodized Aluminum
<b>Electrical Safety</b>	CSA

1. Both values are the input rates for bucked material. Wet material denotes fully hydrated, dry material denotes 9-13% moisture content.

Based on tested values conducted by CPro Solutions Inc.

2. Machine also available as 60Hz model

3. 380V system has CSA certification only (pending)

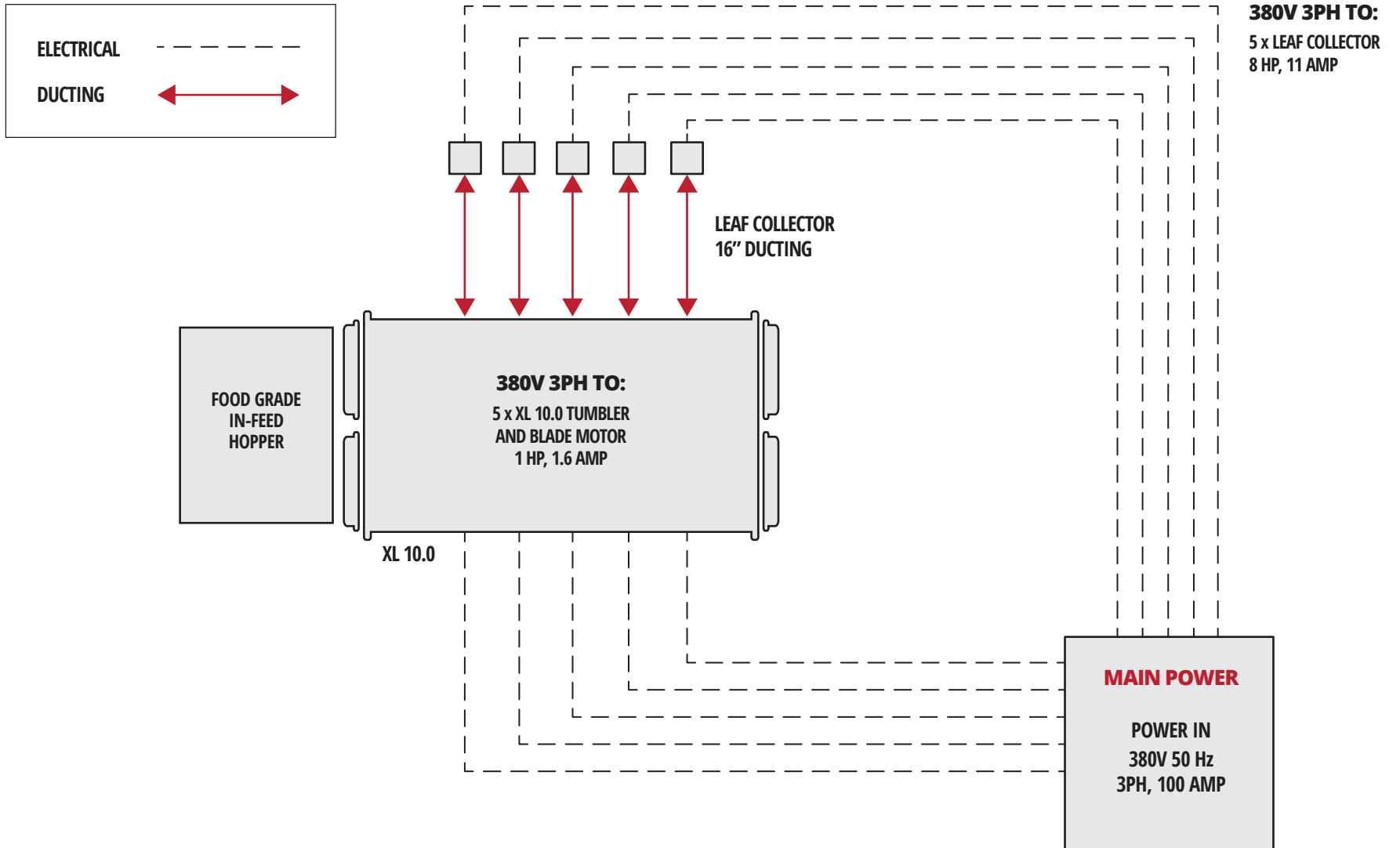
## **XL 10.0 TRIMMER 50HZ - TECHNICAL DATA SHEET**

<b>MATERIAL SPECS</b>	<b>XL 10.0</b>
<b>Frame</b>	304 Stainless Steel and Anodized Aluminum
<b>Tumbler Screen</b>	304 Stainless Steel
<b>Blade Pivot Screws</b>	304 Stainless Steel
<b>Fasteners</b>	304 Stainless Steel
<b>Blades</b>	Nitrided Carbon Steel
<b>Bearings</b>	Steel
<b>Bearing Grease</b>	Food Grade Grease
<b>Fastener Grease</b>	FDA-Approved Anti-Seize
<b>Brush</b>	Food Grade Nylon
<b>Sheet metal body</b>	Powder-Coated Steel
<b>Flexible Ducting</b>	FDA-Compliant Food Grade
<b>Trim Collection</b>	Triple Bag Kief & Trim Collection System
<b>Conveyor Frame</b>	304 Stainless Steel
<b>Conveyor Belt</b>	FDA-Compliant Food Grade
<b>Hopper</b>	Food Grade Plastic

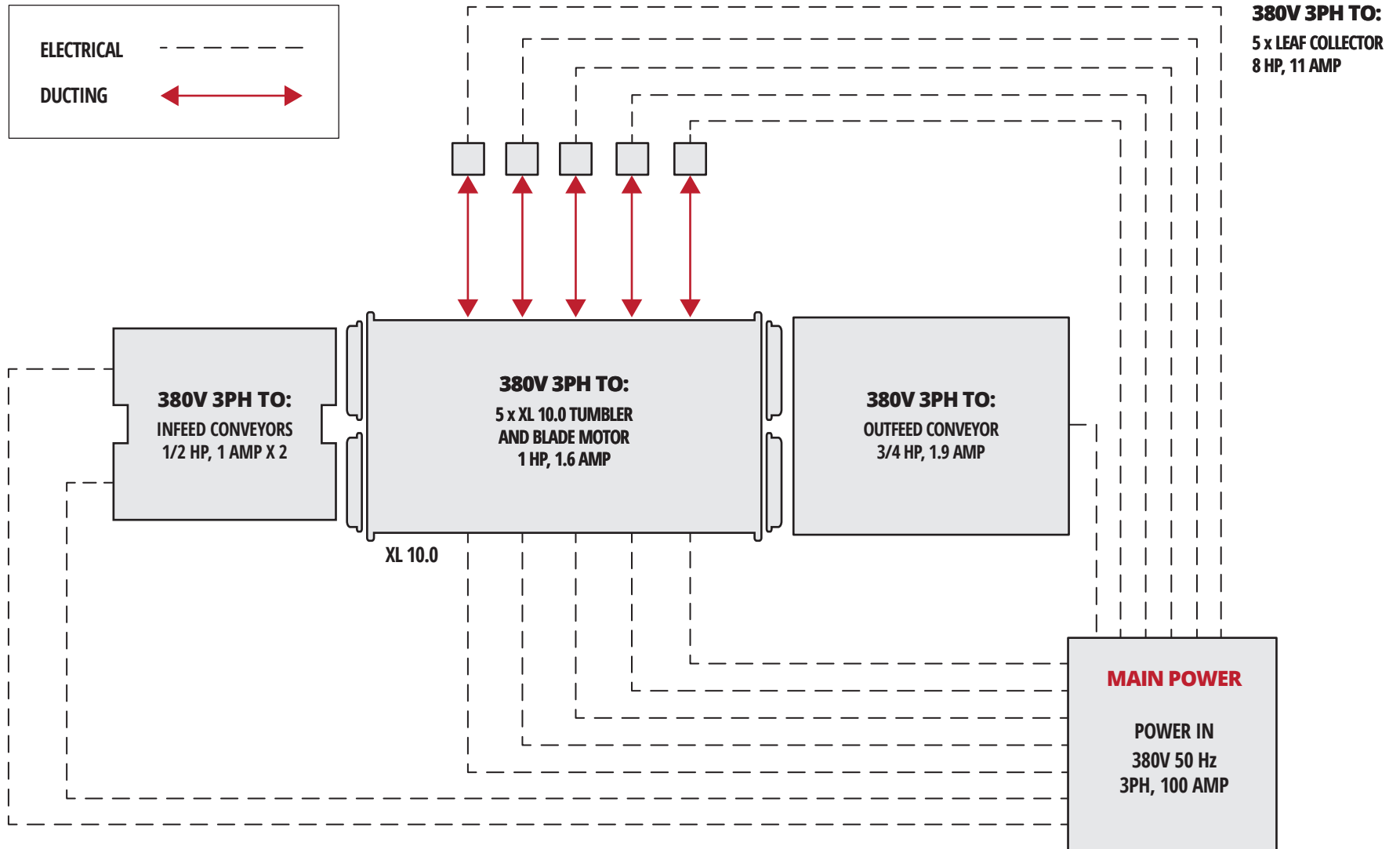
## XL 10.0 TRIMMER 50HZ - TECHNICAL DATA SHEET

BLADE / TUMBLER MOTOR SPECS	XL 10.0
<b>Make</b>	Baldor Industrial
<b>Model</b>	VEM35XX
<b>Material</b>	Stainless Steel Construction
<b>HP</b>	1HP (5-Motors Total, 5HP Total)
<b>RPM (Full Load)</b>	1,800 (1,760) RPM
<b>Voltage</b>	380V
<b>Phase</b>	3-Phase
<b>Amps</b>	1.6A
<b>Frequency</b>	50 Hz
<b>Frame Size</b>	56C
<b>Mounting</b>	Footed
<b>Enclosure</b>	TEFC
<b>Full Load Running Current</b>	12.4A
<b>Locked Rotor Current</b>	1.07A
<b>Motor Efficiency (@ 100%)</b>	85.8
<b>Motor Efficiency (@ 75%)</b>	85.4
<b>Motor Efficiency (@ 50%)</b>	82.9
<b>Power Factor (@100%)</b>	69
<b>Power Factor (@75%)</b>	60
<b>Power Factor (@50%)</b>	46
<b>Full Load Torque</b>	2.99 Lb.-Ft
<b>Locked Rotor Torque (% of Full Load)</b>	8.52 Lb.-Ft
<b>Breakdown Torque (% of Full Load)</b>	13.5 Lb.-Ft
<b>Construction Materials</b>	Stainless Steel
<b>Washdown</b>	Yes (IP65)

**SCHEMATIC DRAWING - XL 10.0 TRIMMER 50 Hz with HOPPER**



**SCHEMATIC DRAWING - XL 10.0 TRIMMER 50 Hz with CONVEYORS**





CENTURIONPRO

XL CONTROL PANEL

INFEED  
CONVEYOR 1



ON

OFF

INFEED  
CONVEYOR 2



ON

OFF

OUTPUT  
CONVEYOR



ON

OFF



BLOWER 1



ON

OFF

BLOWER 2



ON

OFF

BLOWER 3



ON

OFF

BLOWER 4



ON

OFF

BLOWER 5



ON

OFF



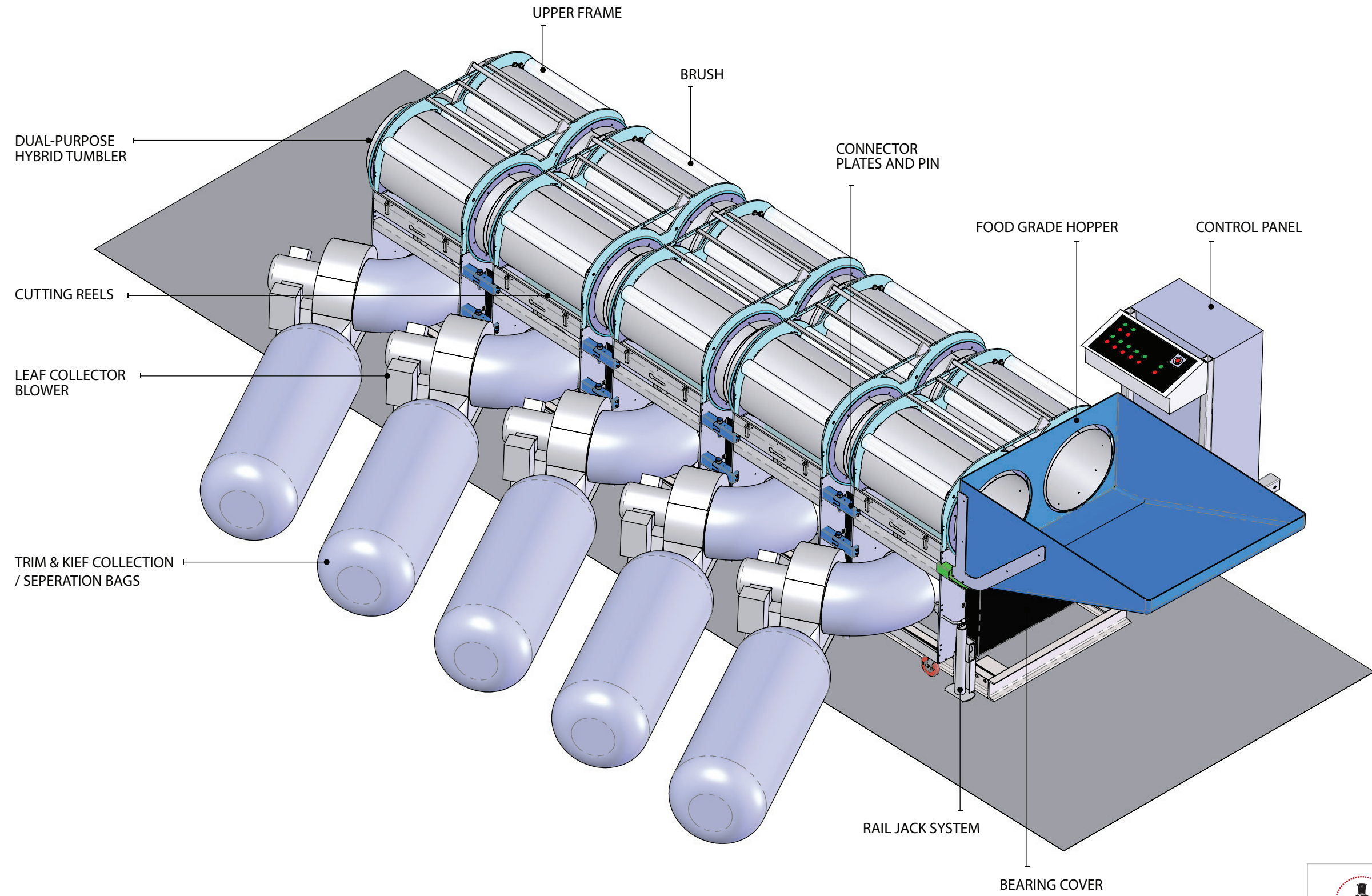
TRIMMERS



ON

OFF



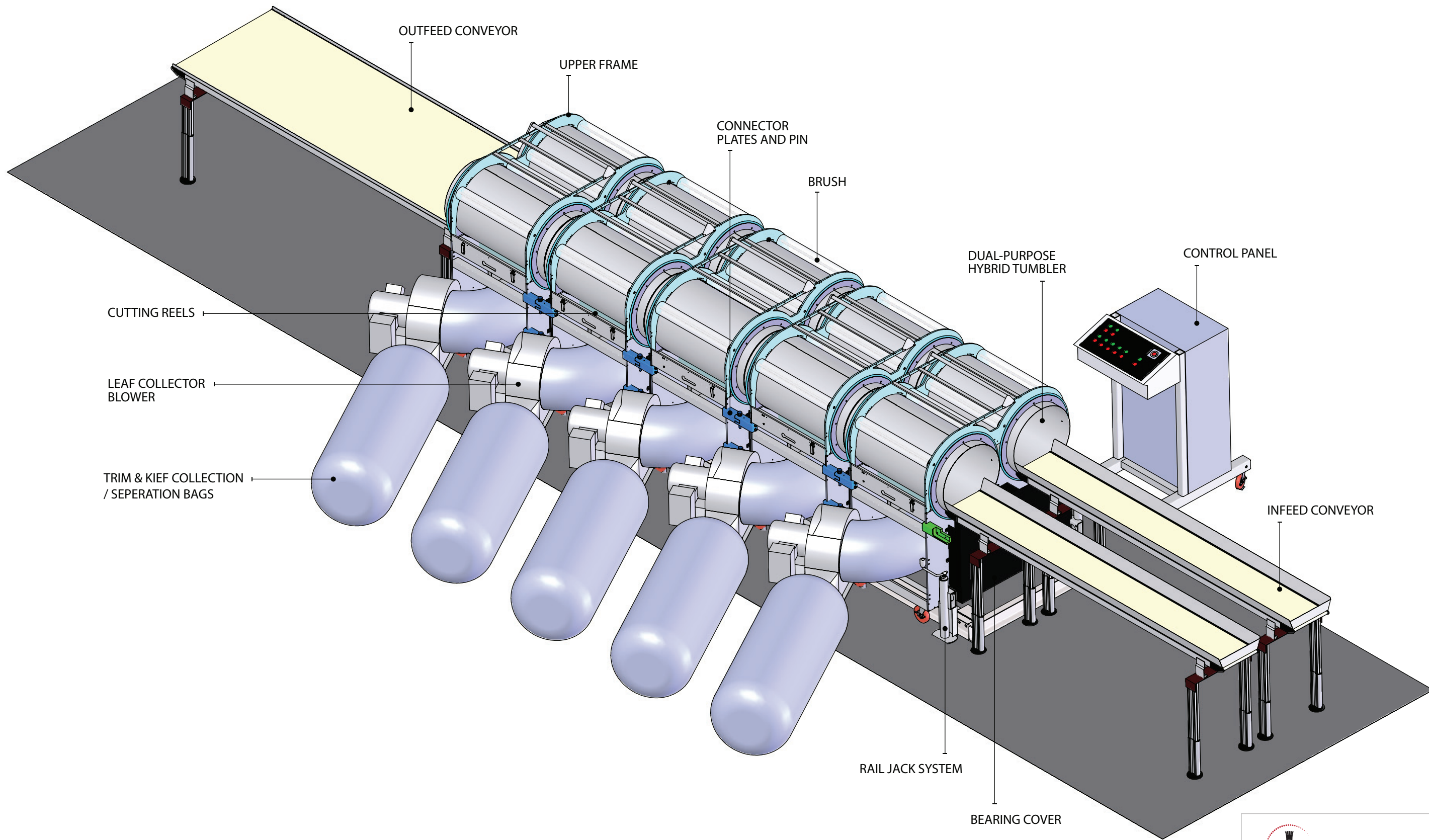


TITLE: XL 10.0 SYSTEM

UNLESS OTHERWISE SPECIFIED:  
 DIMENSIONS ARE IN INCHES  
 TOLERANCES:  
 FRACTIONAL ±0.030  
 ANGULAR: MACH ± 1° BEND ±  
 TWO PLACE DECIMAL ±.010  
 THREE PLACE DECIMAL ±.005

SIZE	DWG. 3-D.	REV
<b>A</b>	10.0 Complete + Hopper	-

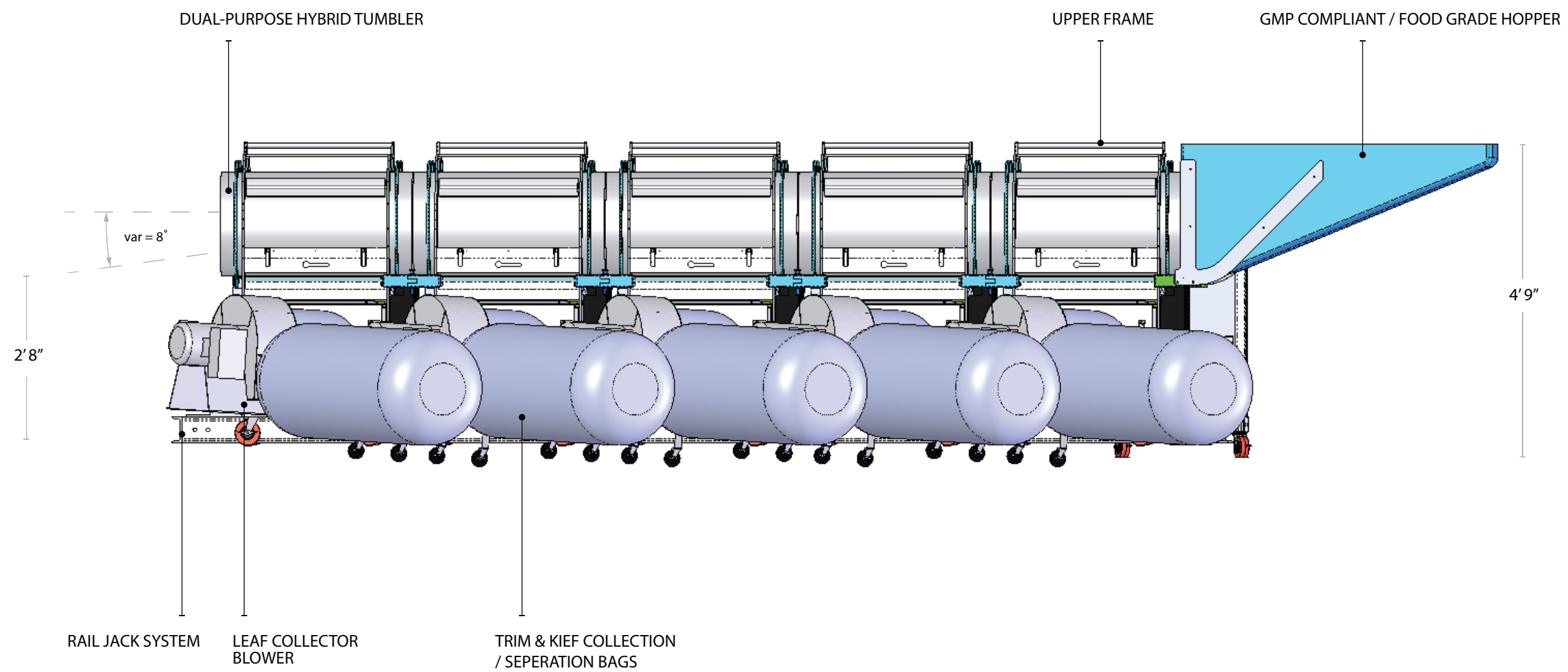




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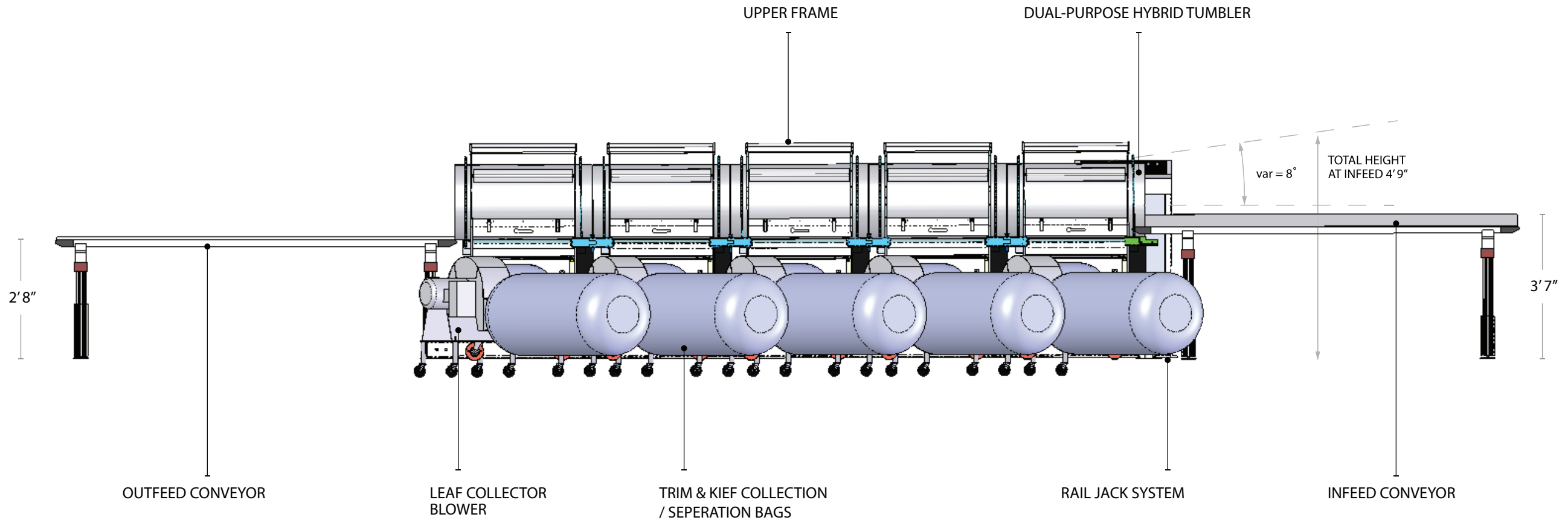
SIZE	DWG. 3-D.	REV
<b>A</b>	10.0 Complete + Conveyors	-



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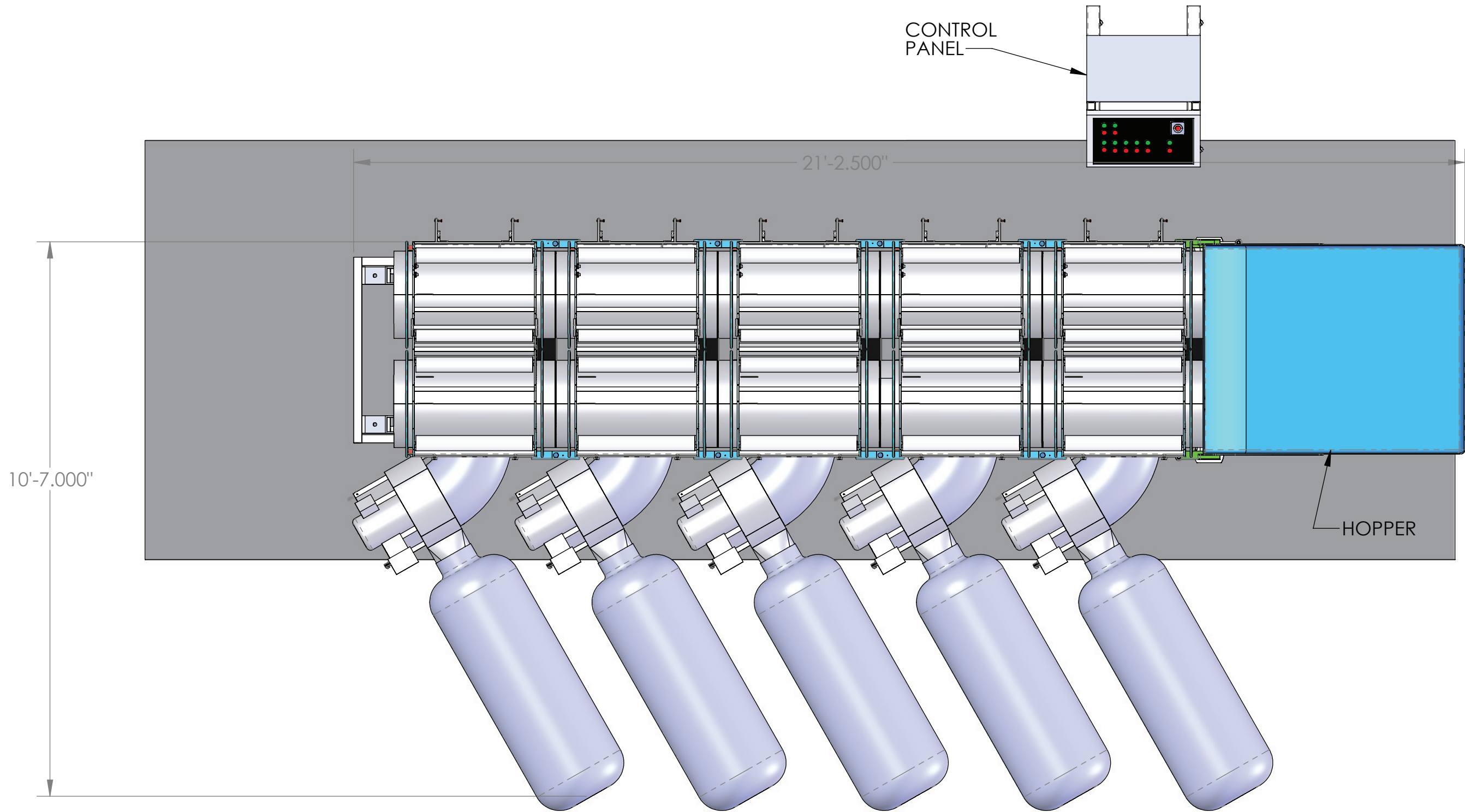
SIZE	DWG. SIDE.	REV
A	10.0 Complete + Hopper	-



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SIZE	DWG. SIDE.	REV
A	10.0 Complete + Conveyors	-

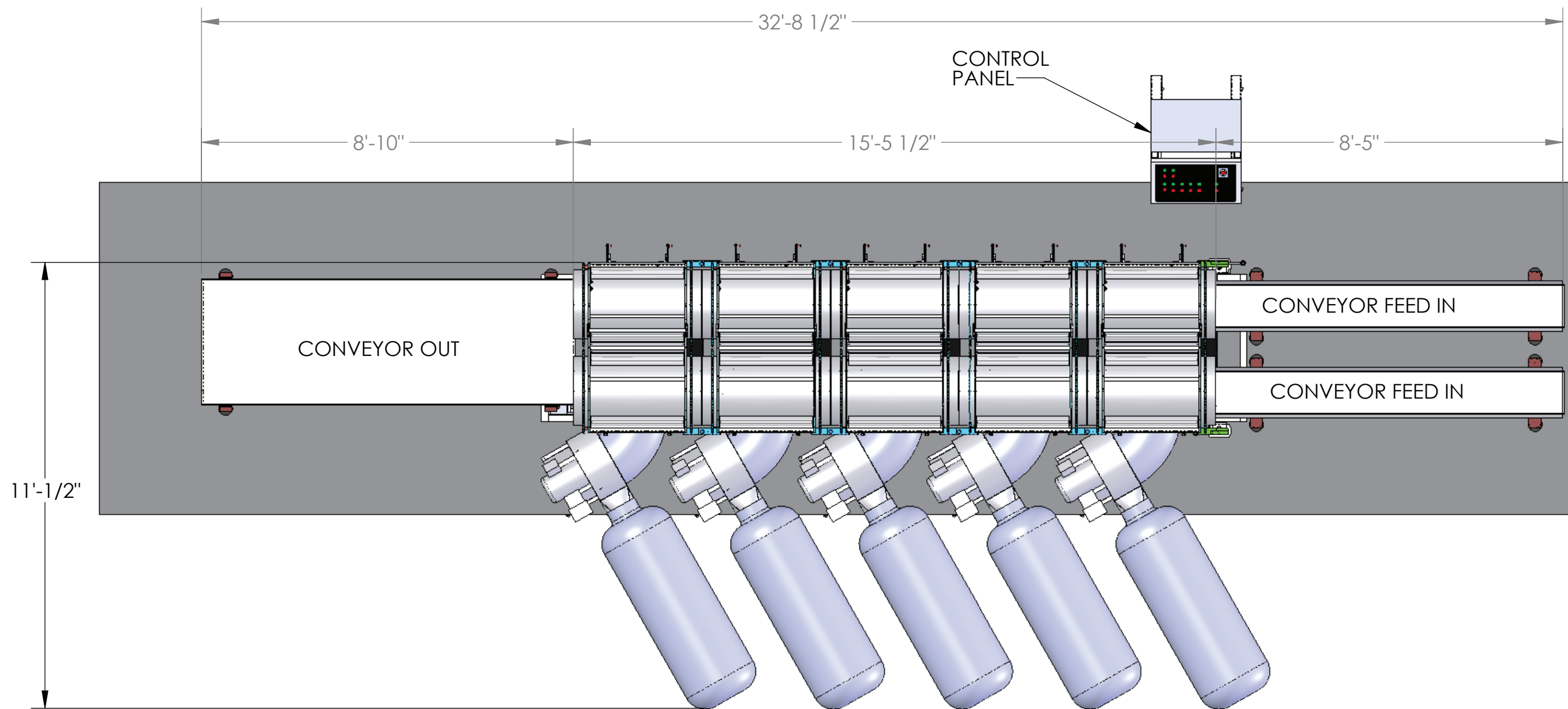


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 THREE PLACE DECIMAL ±.005

SIZE	DWG. NO.	REV
A	10.0 CS + H	-

SHEET 1 OF 1



PLAN VIEW

UNLESS OTHERWISE SPECIFIED:  
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 THREE PLACE DECIMAL ±.005



TITLE: XL 10.0 SYSTEM

SIZE	DWG. NO.	REV
A	10.0 CS + Conv	-