



CENTURIONPRO

HEMP & CANNABIS HARVESTING SOLUTIONS



TIMKEN
Where You Turn



BALDOR
MOTORS AND DRIVES

XL 5.0 SE - 50HZ MODEL INFORMATION PACKAGE

XL 5.0 SE TRIMMER 50HZ - TECHNICAL DATA SHEET

The XL 5.0 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 5.0 Trimmer, XL 5.0 HEPA Filter Leaf Collector Bags, XL 5.0 Blowers, XL 5.0 Infeed Conveyor, and XL 5.0 QC Conveyor.

| SYSTEM FEATURES | XL 5.0 SE |
|--------------------------------|--|
| Throughput | Up to 2,250 lbs/hour Wet (450 lbs/hour Dry) |
| Power Requirements | 3HP 380V 3-Phase 100Amp |
| Tumbler/Reel Motor | 1HP 380V 3-Phase 1.6Amp |
| Vac Motor | 5 x 8HP 380V 3-Phase 11Amp |
| Infeed Conveyor Motor | 0.5HP 380V 3-Phase 1Amp |
| Quality Control Conveyor Motor | 0.75HP 380V 3-Phase 1.9Amp |
| Cutting System | Dual-Belt Drive System 15 x 11 Blade Cutting Reels (26") |
| Tumbler Diameter | 20 Inch |
| Vacuum Airflow | 5 x 5000 CFM |
| Trim Separation | Triple Bag Trim Collection System |
| Lifting Mechanism | Manually Actuated to 10° |
| Food Grade | Yes |
| Washdown rating | IP65 |
| RoHS compliant | Yes |
| Automation | Schneider Automation |
| Primary Material | Stainless Steel and Anodized Aluminum |
| Electrical Safety | 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)

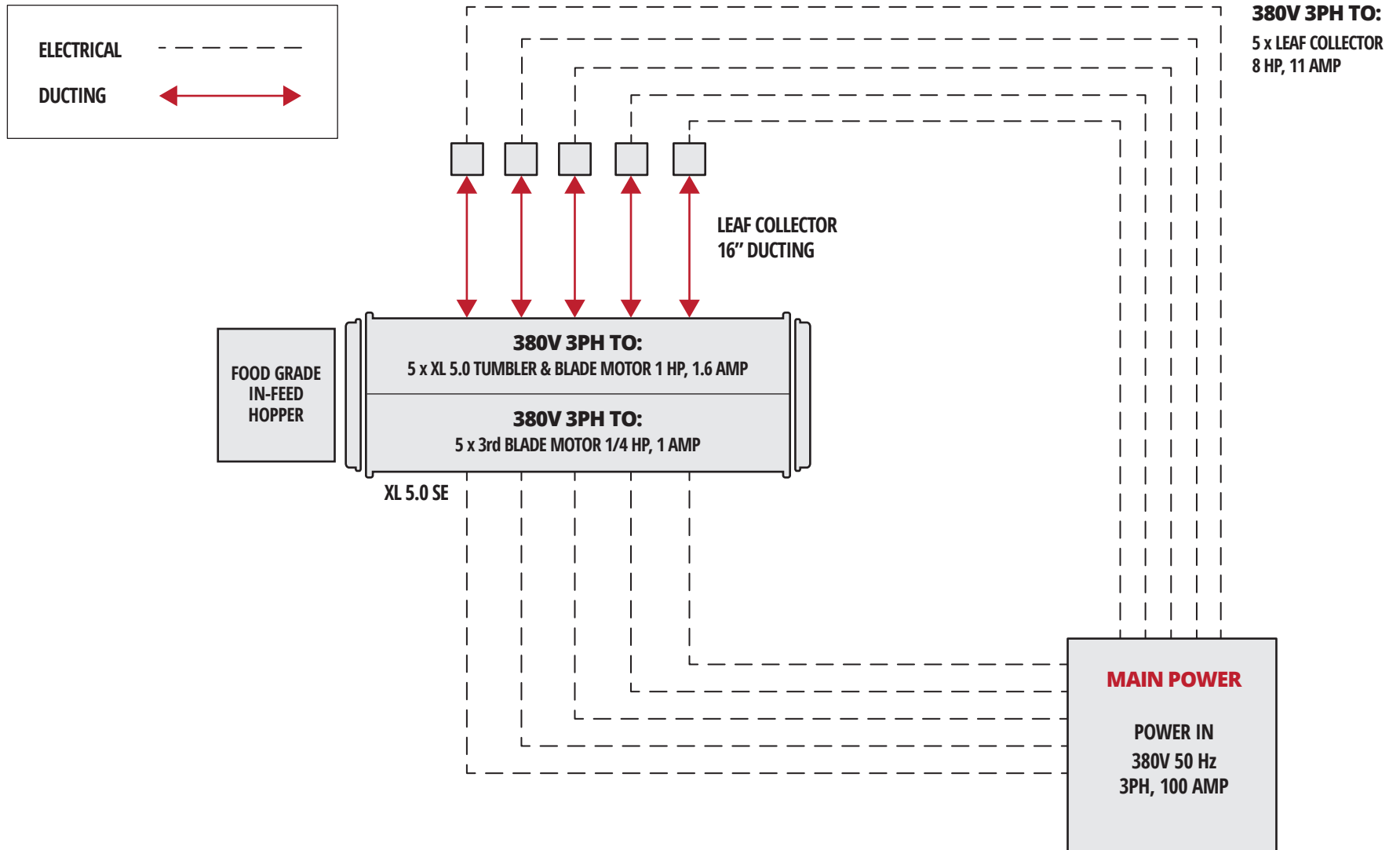
XL 5.0 SE TRIMMER 50HZ - TECHNICAL DATA SHEET

| MATERIAL SPECS | XL 5.0 SE |
|--------------------|---|
| Frame | 304 Stainless Steel and Anodized Aluminum |
| Tumbler Screen | 304 Stainless Steel |
| Blade Pivot Screws | 304 Stainless Steel |
| Fasteners | 304 Stainless Steel |
| Blades | Nitrided Carbon Steel |
| Bearings | Steel |
| Bearing Grease | Food Grade Grease |
| Fastener Grease | FDA-Approved Anti-Seize |
| Brush | Food Grade Nylon |
| Sheet metal body | Powder-Coated Steel |
| Flexible Ducting | FDA-Compliant Food Grade |
| Trim Collection | Triple Bag Trim Collection System |
| Hopper | Food Grade Plastic |

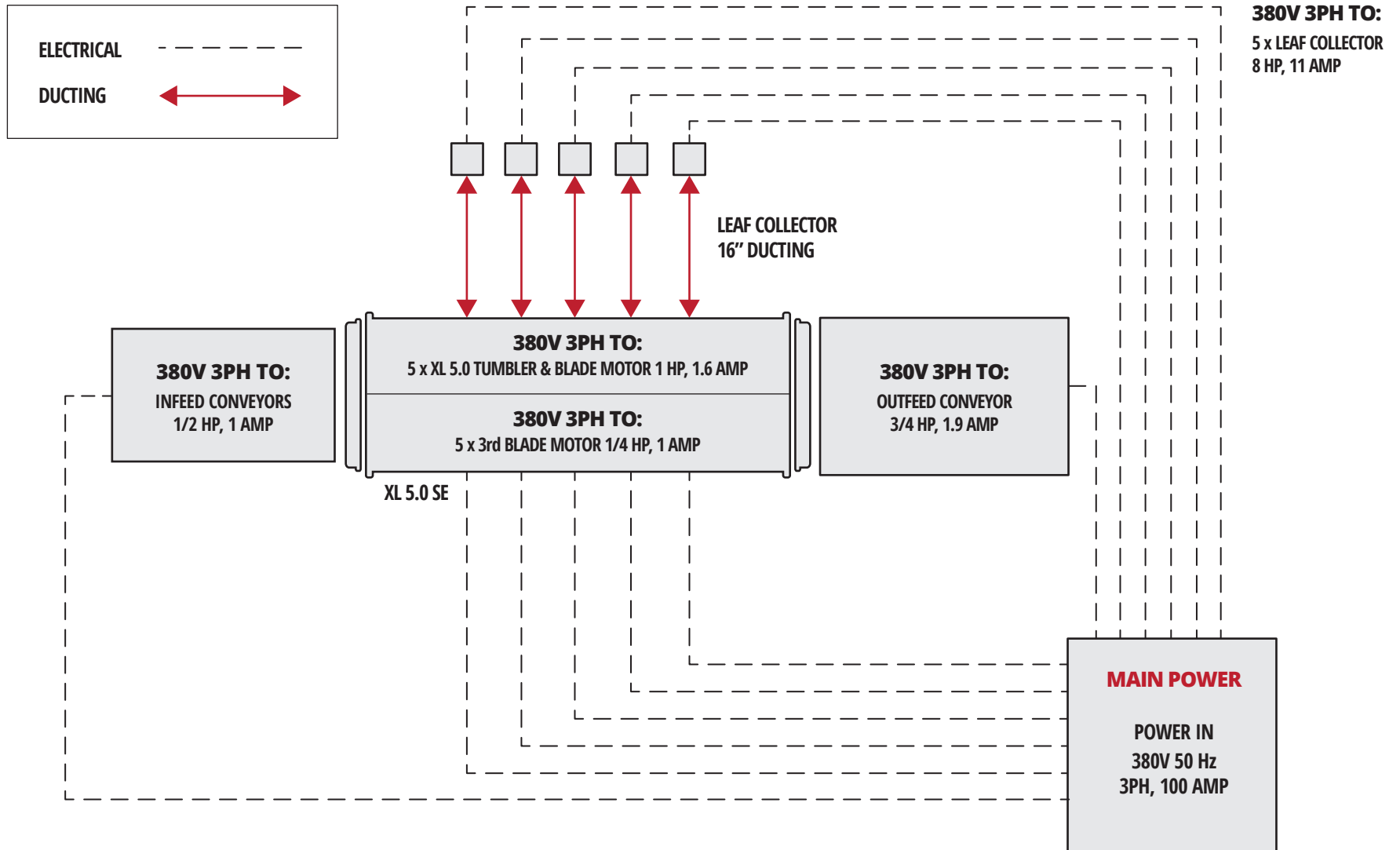
XL 5.0 SE TRIMMER 50HZ - TECHNICAL

| CUTTING REELS 1 & 2 / TUMBLER MOTOR | SPECS |
|--------------------------------------|---------------------------------------|
| Make | Baldor Industrial |
| Model | VEM35XX |
| Material | Stainless Steel Construction |
| HP | 1HP (5-Motors Total, 5HP Total) |
| RPM (Full Load) | 1,800 (1,760) RPM |
| Voltage | 380V |
| Phase | 3-Phase |
| Amps | 1.6A |
| Frequency | 50 Hz |
| Frame Size | 56C |
| Mounting | Footed |
| Enclosure | TEFC |
| Full Load Running Current | 12.4A |
| Locked Rotor Current | 1.07A |
| Motor Efficiency (@ 100%) | 85.8 |
| Motor Efficiency (@ 75%) | 85.4 |
| Motor Efficiency (@ 50%) | 82.9 |
| Power Factor (@100%) | 69 |
| Power Factor (@75%) | 60 |
| Power Factor (@50%) | 46 |
| Full Load Torque | 2.99 Lb.-Ft |
| Locked Rotor Torque (% of Full Load) | 8.52 Lb.-Ft |
| Breakdown Torque (% of Full Load) | 13.5 Lb.-Ft |
| Construction Materials | Stainless Steel |
| Washdown | Yes (IP65) |
| CUTTING REEL 3 MOTOR | SPECS |
| Make | Baldor Industrial |
| Material | Stainless Steel Construction |
| HP | 0.25HP (5-Motors Total, 1.25HP Total) |
| Voltage | 380V |
| Phase | 3-Phase |
| Amps | 1A |
| Frequency | 50 Hz |

SCHEMATIC DRAWING - XL 5.0 SE TRIMMER 50 Hz with HOPPER



SCHEMATIC DRAWING - XL SE 5.0 TRIMMER 50 Hz with CONVEYORS





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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

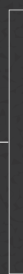
OFF

BLOWER 5



ON

OFF

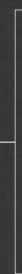


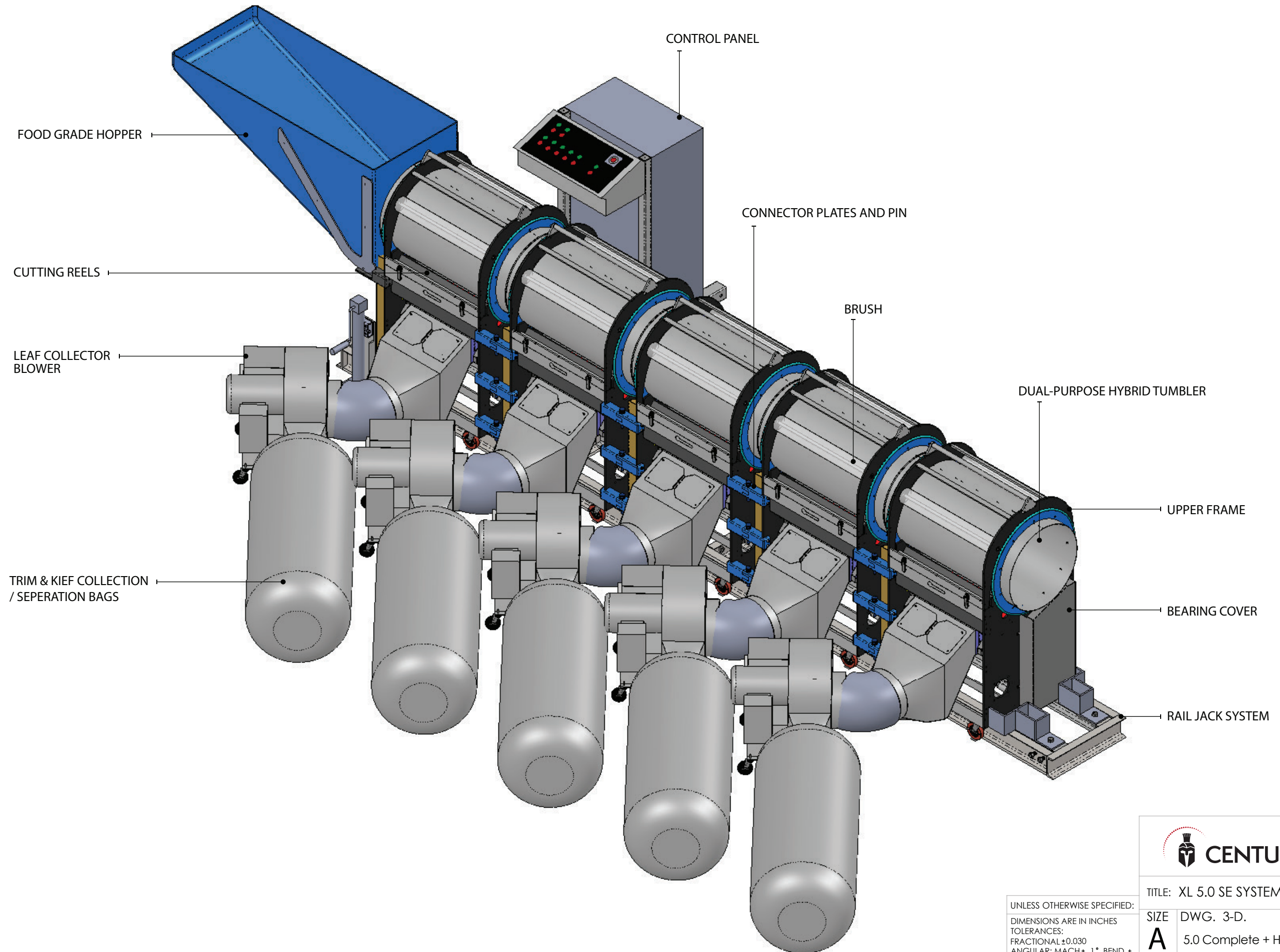
TRIMMERS



ON

OFF

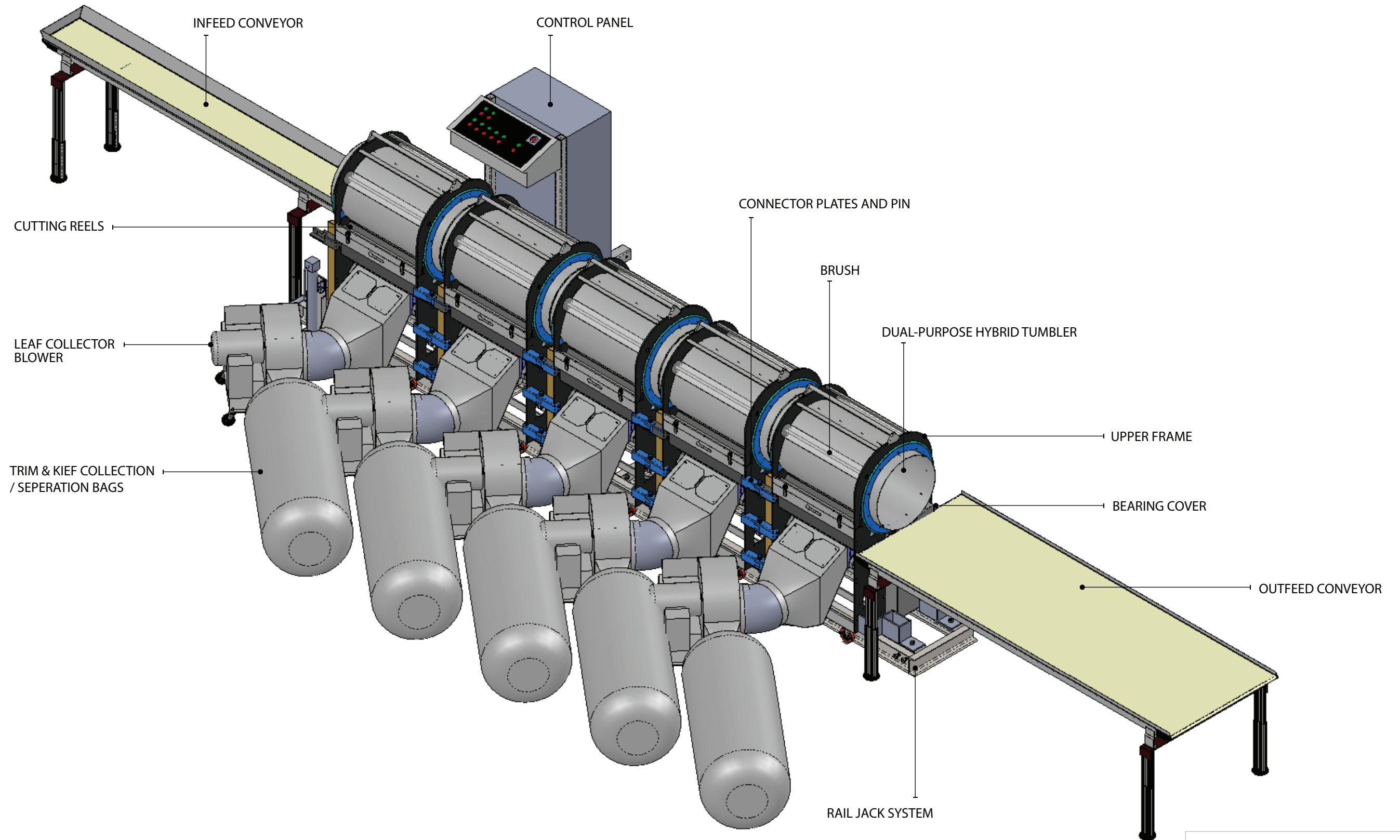




TITLE: XL 5.0 SE SYSTEM

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL ± 0.030
ANGULAR: MACH $\pm 1^\circ$ BEND \pm
TWO PLACE DECIMAL $\pm .010$
THREE PLACE DECIMAL $\pm .005$

| SIZE | DWG. 3-D. | REV |
|------|-----------------------|-----|
| A | 5.0 Complete + Hopper | - |



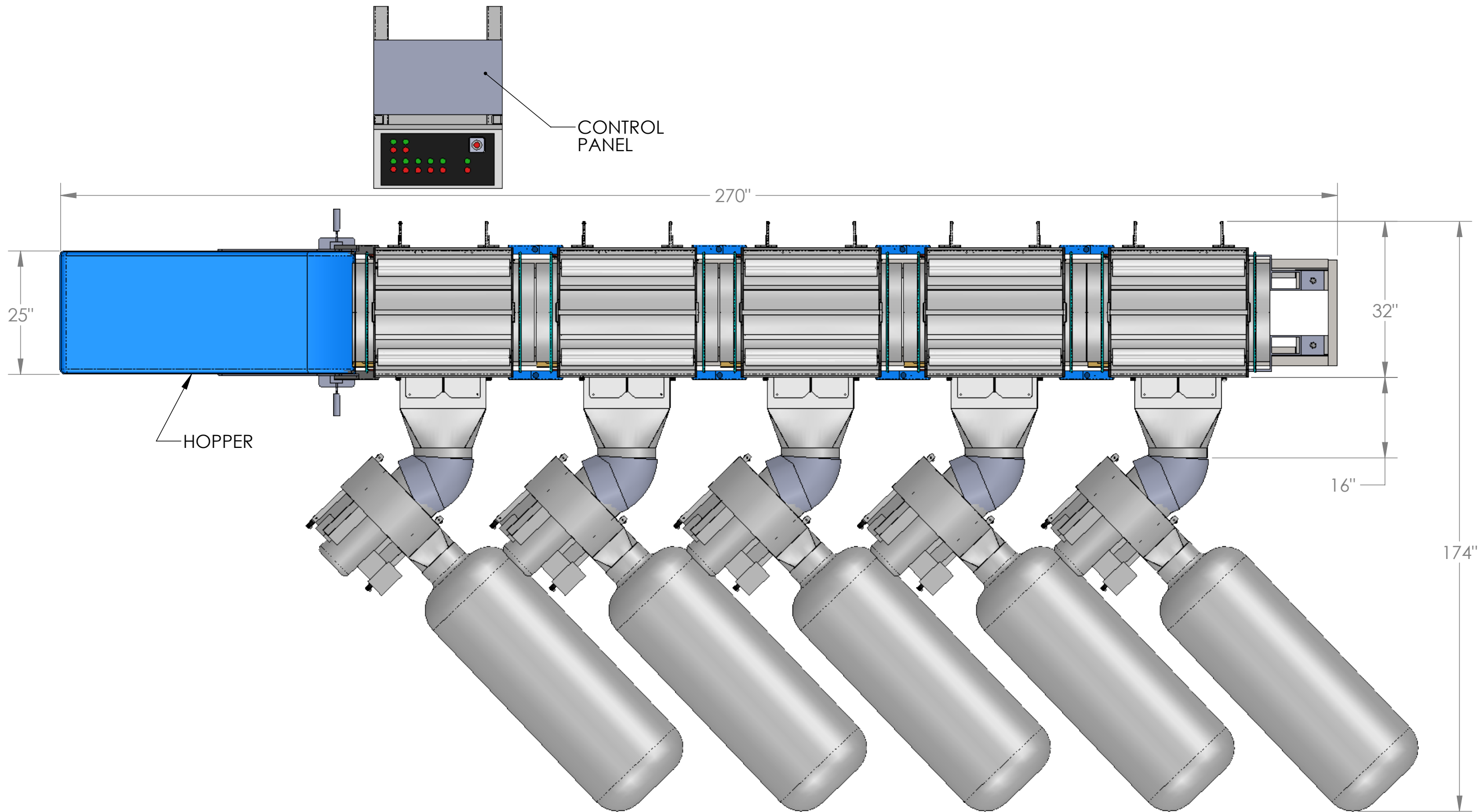
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| SIZE | DWG. 3-D. | REV |
|------|--------------------------|-----|
| A | 5.0 Complete + Conveyors | - |

SHEET 1 OF 1



CONTROL
PANEL

HOPPER

CPRO SOLUTIONS INC

TITLE:

XL 5.0 SYSTEM

SIZE

B

DWG. NO.

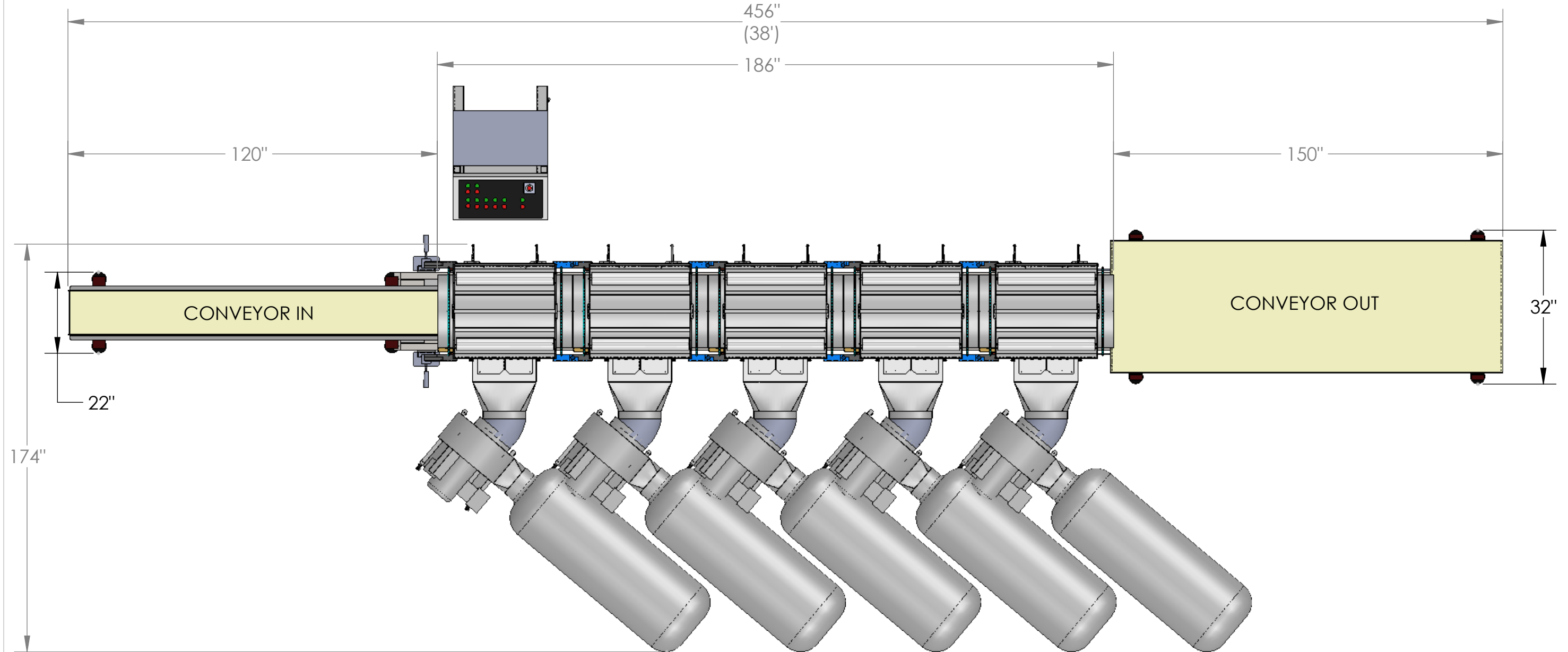
REV

SHEET 1 OF 1

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THREE PLACE DECIMAL $\pm .005$

| | | |
|----------|----|----------|
| DRAWN | DH | 05/15/20 |
| CHECKED | | |
| FINISH | | |
| MATERIAL | | |





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| | | |
|----------|----|----------|
| DRAWN | DH | 05/15/20 |
| CHECKED | | |
| FINISH | | |
| MATERIAL | | |

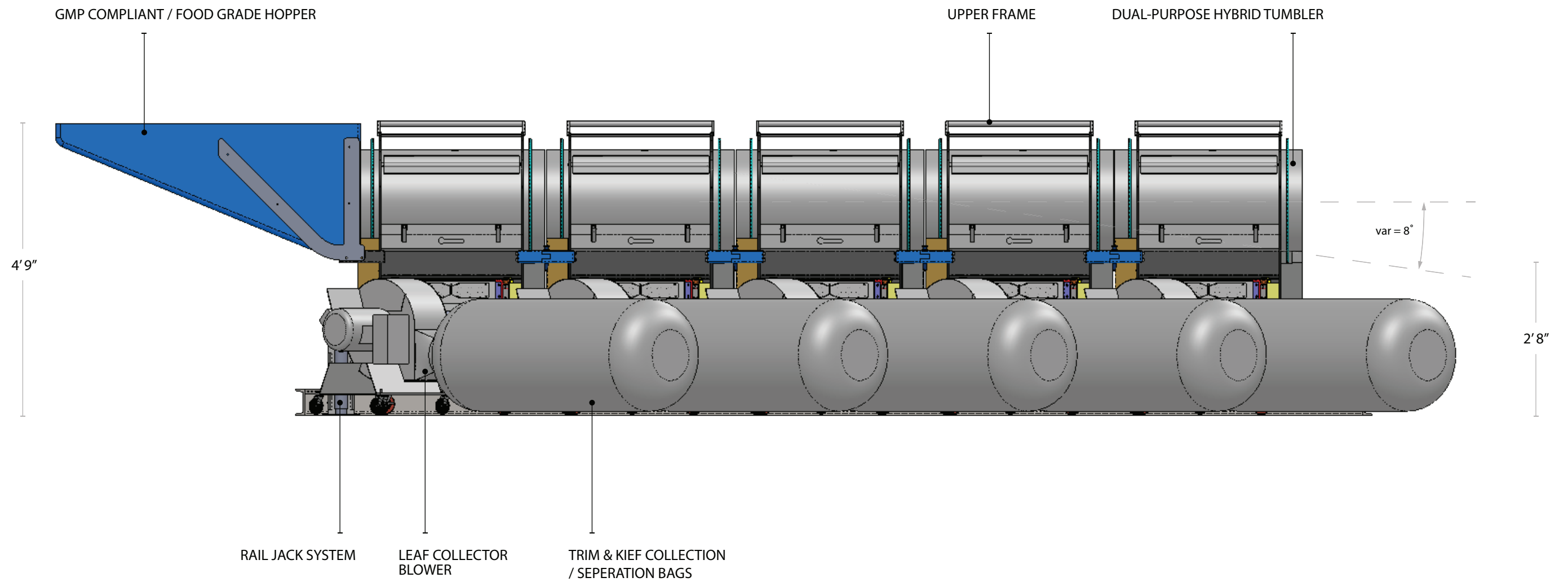
CPRO SOLUTIONS INC

TITLE:

XL 5.0 SYSTEM

| | | |
|------------------|----------|--------------|
| SIZE B | DWG. NO. | REV |
| SCALE: 1:96 | | SHEET 1 OF 1 |



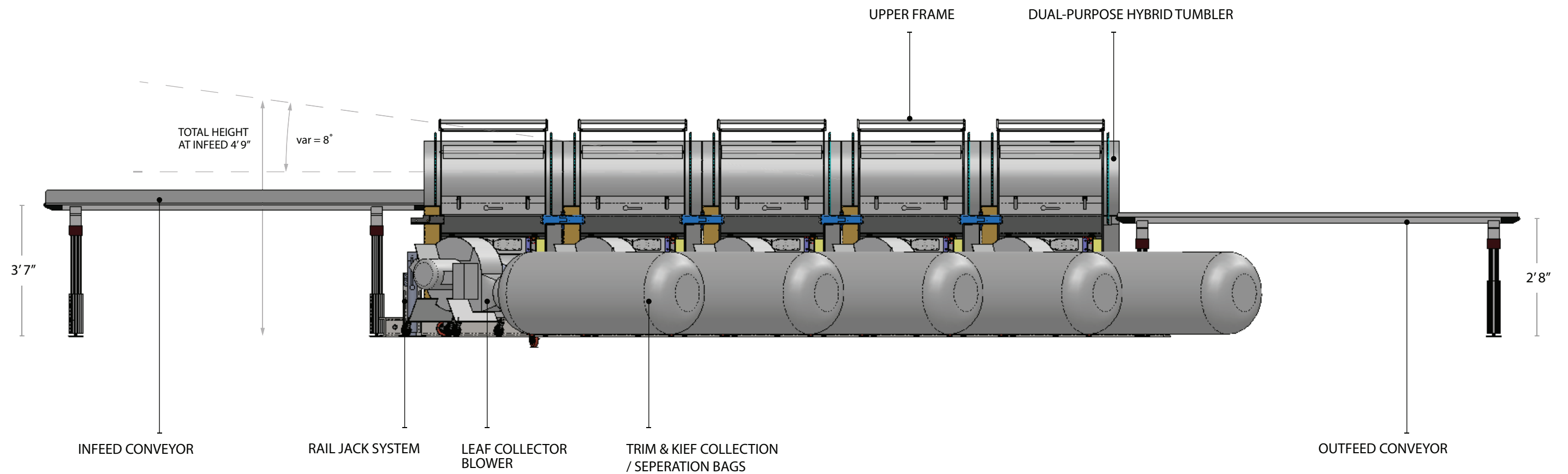


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 ANGULAR: MACH $\pm 1^\circ$ BEND \pm
 TWO PLACE DECIMAL ± 0.010
 THREE PLACE DECIMAL ± 0.005

| SIZE | DWG. SIDE. | REV |
|----------|-----------------------|--------------|
| A | 5.0 Complete + Hopper | - |
| | | SHEET 1 OF 1 |



TITLE: XL 5.0 SE SYSTEM

UNLESS OTHERWISE SPECIFIED:

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 TOLERANCES:
 FRACTIONAL ± 0.030
 ANGULAR: MACH $\pm 1^\circ$ BEND \pm
 TWO PLACE DECIMAL $\pm .010$
 THREE PLACE DECIMAL $\pm .005$

| SIZE | DWG. SIDE. | REV |
|----------|--------------------------|-----|
| A | 5.0 Complete + Conveyors | - |

SHEET 1 OF 1