

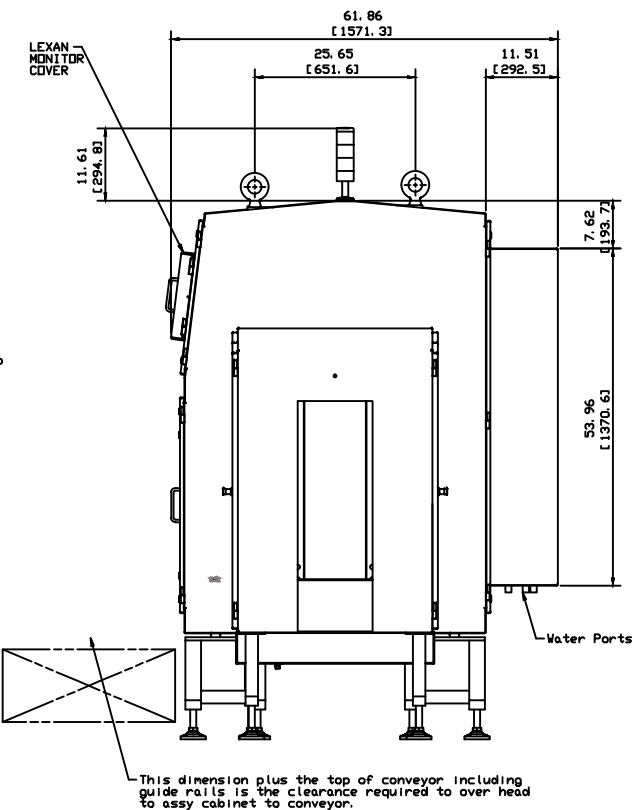
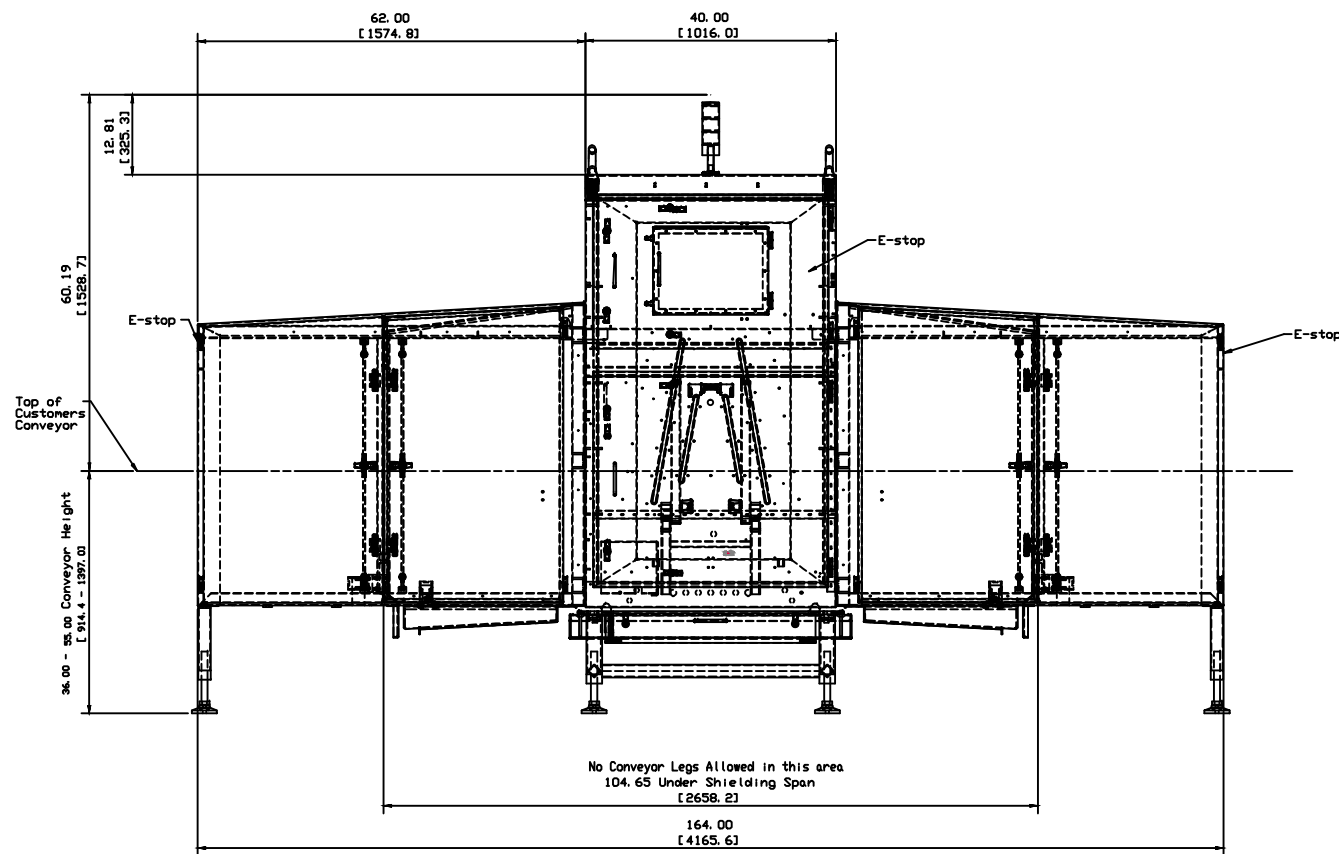
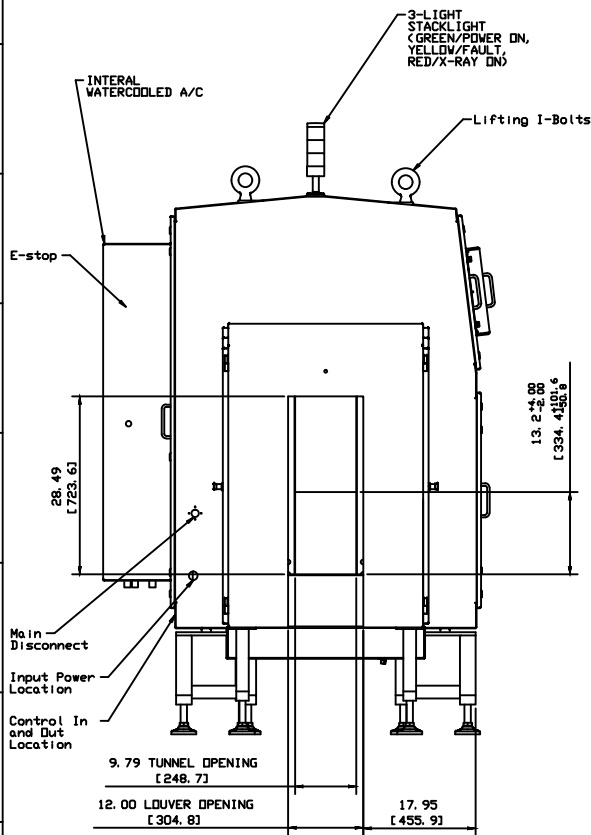
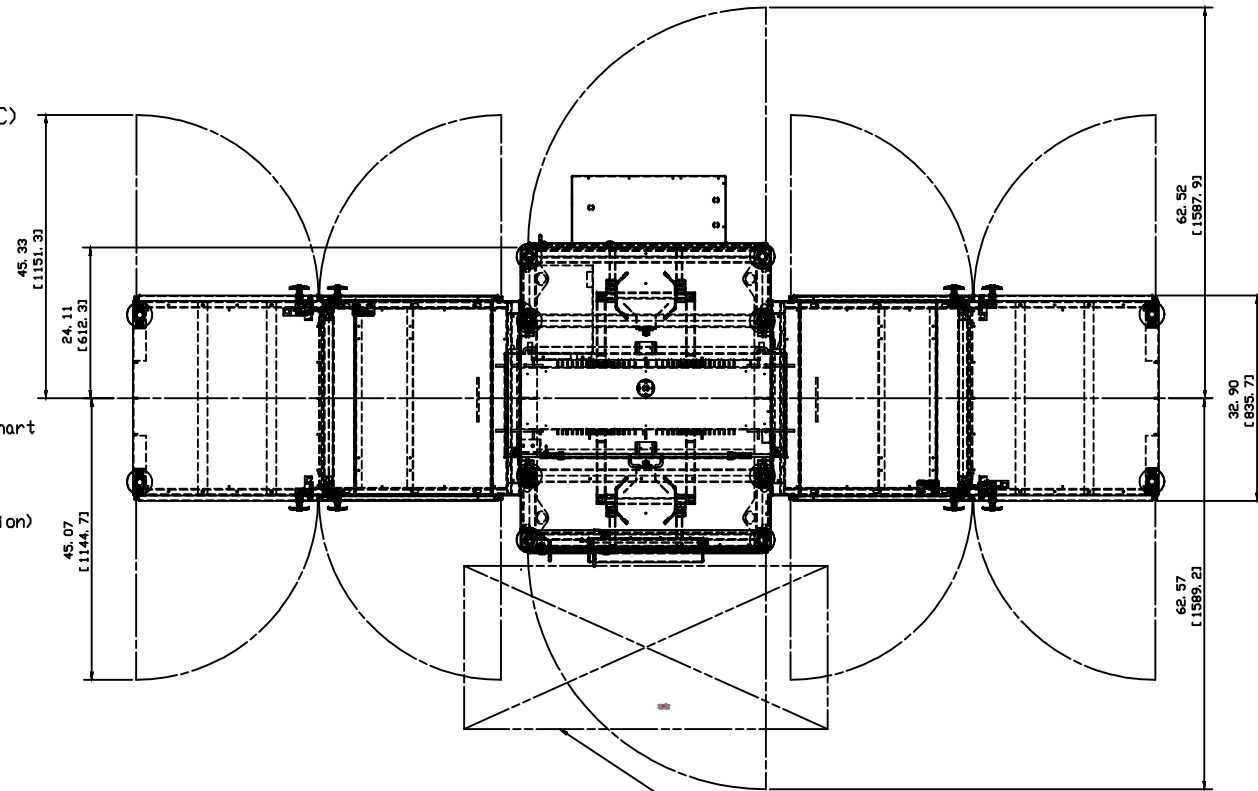
UTILITY REQUIREMENTS:

1. POWER:
Voltage: 230 VAC $\pm$ 10%
Frequency: 50/60 Hz
Max. Current: 15 Amps
Phase: Single
2. WATER: 2 GPM (7.6 LPM), 55°F (12.7°C) to 70°F (21°C)
3. AIR: 80psi (5.5bar), 3/8hose, Dry and Filter

Notes:

1. Product must be centered transversely on the belt $\pm$.125'
2. Conveyor speed through X-ray and all the way to the rejector must remain at a constant speed.
3. Customer must supply 24V Run signal in order for X-ray to come on.
4. This configuration is for Operating energies of 70keV and 4ma or less.
5. Customer is required to provide proper spacing of product. See Chart
6. Customer required to make modifications to the existing Conveyor as shown on Drawing E01004-Z2.
7. Conveyor Requirements:
 - a. Mat top plastic belts only (table top Chain can be used on specific product of Ø3" or less. Call Smith's for confirmation)
 - b. Plastic link pins only (no metal)
 - c. UHMW wear strips
 - d. 3" wide max belt width
 - e. 0.5" min height from top of belt to bottom of wear strip
 - f. 3.75" max conveyor frame width
 - g. If Table top is used then refer to drawing E01004-Z3 for required modifications.
8. Safeguards at machine interfaces should be provided by those who have control of the design in those interface areas, and have knowledge of hazards that may be present or may be introduced through the assembly of machinery.

Jar Spacing Requirements	
Jar Outside Diameter	Min. Spacing
2" (50.8mm)	.3" (7.6mm)
2.5" (63.5mm)	.33" (8.4mm)
3.0" (76.5mm)	.4" (10.2mm)
3.5" (88.9mm)	.46" (11.7mm)
4.0" (101.6mm)	.53" (13.5mm)
4.5" (114.3mm)	.57" (14.5mm)
5.0" (127mm)	.6" (15.3mm)
5.5" (139.7mm)	.66" (16.8mm)
6.0" (152.4mm)	.73" (18.6mm)



ISO 2768-MK		Eagle	
Rev	Date	By	Check
1	06-29-06	ADN	
2	08-11-06	ADN	
3	08-11-06	ADN	
4	08-11-06	ADN	
5	08-11-06	ADN	
6	08-11-06	ADN	
7	08-11-06	ADN	
8	08-11-06	ADN	
9	08-11-06	ADN	
10	08-11-06	ADN	
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19	08-11-06	ADN	
20	08-11-06	ADN	
21	08-11-06	ADN	
22	08-11-06	ADN	



Overview Drawing
Eagle Quad Set Over Conve

Drawing No. / Revision
E01004-Z1