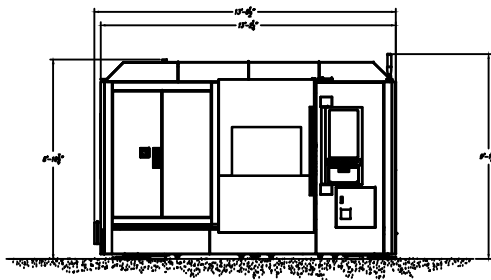
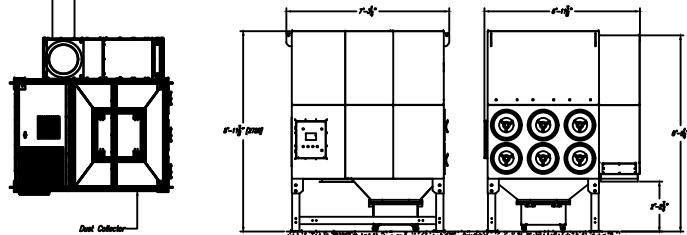
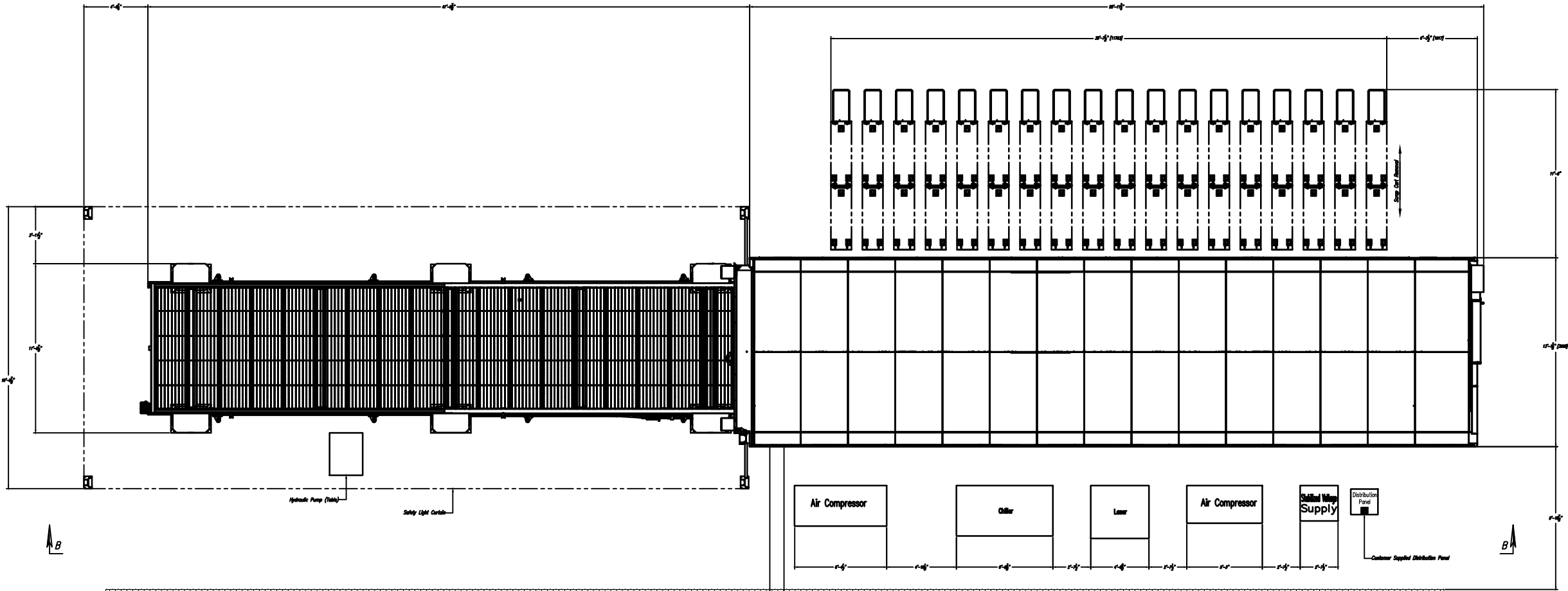


Section B-B



Section A-A



Dust Collector

GAS QUALITY:	
O2	99.995% PURE, Clean, Dry, Oil-Free
N2	99.99% PURE, Clean, water free, Oil-Free and oxygen free (H2O ≤100vpm, CnHm ≤1Vpm, O2≤5Vpm)
AIR	Clean, Dry, Oil-Free
REQUIRED FLOW RATES & INLET PRESSURES	
OXYGEN	0-290 psi AT 100 cfm
NITROGEN	0-580 psi AT 170 cfm
AIR Cutting	220 psi AT 102 cfm

LUBRICANT OIL REQUIREMENTS:	
Tellus S2V 32, 48, 68	Filling Capacity:10L
Noted: Any of the three can be used. Once a specific type is determined, there is no need to replace it later. Used For Gear, Rack and Slider	
HYDRAULIC OIL STATION:	
Tellus S2 Vx32 L-HS32	Filling Capacity:70L
Noted: Anti-wear hydraulic oil (Ultra-low temperature)	

PeddiLaser Plate 20 KW NOTES:

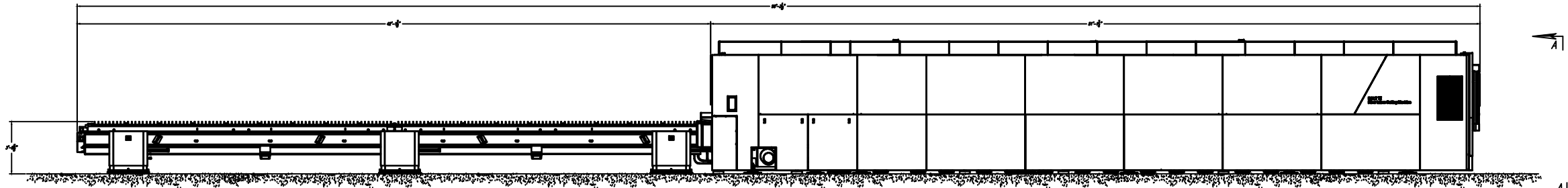
- 1.) Primary 460 V., 3 Ph., 60 Hz. [Req'd @ each]**
Total K.V.A. for Peddilaser Bolt VII = 188.67 K.V.A. (Distribution Panel)
Total K.V.A. for Stabilizer = 120 K.V.A. (160 Amp Circuit Breaker)
Total K.V.A. for Chiller = 24.63 K.V.A. (50 Amp Circuit Breaker)
Total K.V.A. for Dust Collector = 19.23 K.V.A. (50 Amp Circuit Breaker)
Total K.V.A. for Air Compressor = 47.44 K.V.A. (80 Amp Circuit Breaker)
Total K.V.A. for Air Dryer = 1.28 K.V.A. (16 Amp Circuit Breaker)
The customer must provide power to all five of the above-listed items. through a distribution panel.
- 2.) Air Requirement (Machine Only): 120 PSIG. not less than 32 SCFM Min. Free Air**
- 3.) Cooling Water (DI Water): Deionized, demineralized, or distilled water {80 Gal. Total}**

Note: Anchor Bolts Provided With The Machine.
Note: Heavy-duty regulators for Oxygen and Nitrogen are provided with the machine.
Any customer supplied air compressor must meet the above-stated requirements.

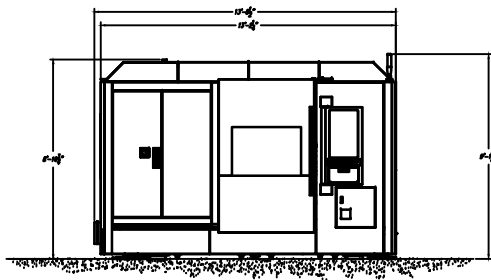
Explanation:

1. laser cutting machine near the implementation of reliable industrial grounding (such as no grounding ring network around the workshop), grounding resistance <4Ω;
2. the bearing capacity of the ground to reach at least 80000kg/m2, the foundation must be built on the bearing layer, the ground flatness ≤±25mm; Concrete thickness 6" reinforced C30 Grade (4,350 PSI) ½" Dia, x 8" x 8" Rebar grid spacing.
3. Horizontal 0.01mm, vertical 0.05mm; From peak to peak for frequencies below 15 Hz. Amplitude cannot increase to more than 10 dB per frequency decade if values are higher than 15 Hz.
4. the equipment requirements for power: a separate and protective control loop, and led to the AC regulated power supply. Ground busbar (size: 300X100X10);
5. ensure that there is enough distance on the right side of the machine to ensure that the slag car can be pulled out smoothly;
6. No settlement of the foundation (Customers can decide by themselves according to the local geological conditions, but the bearing requirements should be met)
7. Network requirements are as follows: Network bandwidth: 100 Mbit/s or above; Use network cables: The network cables must be at least Category 5 network cables, and the distance between the device and the switch must be no more than 70 meters. Otherwise, a switch needs to be added for trunk.
8. All sizes are in available in millimeters;
- 9.The main view of the device is a top view.
10. operating temperature 10°C-40°C. Humidity 20%-70%

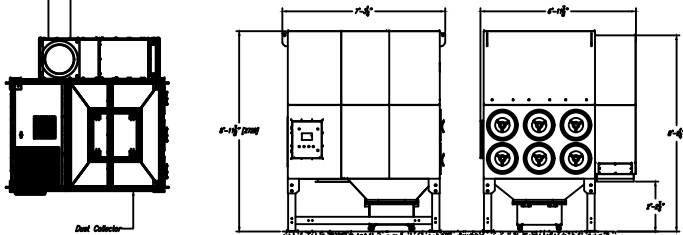
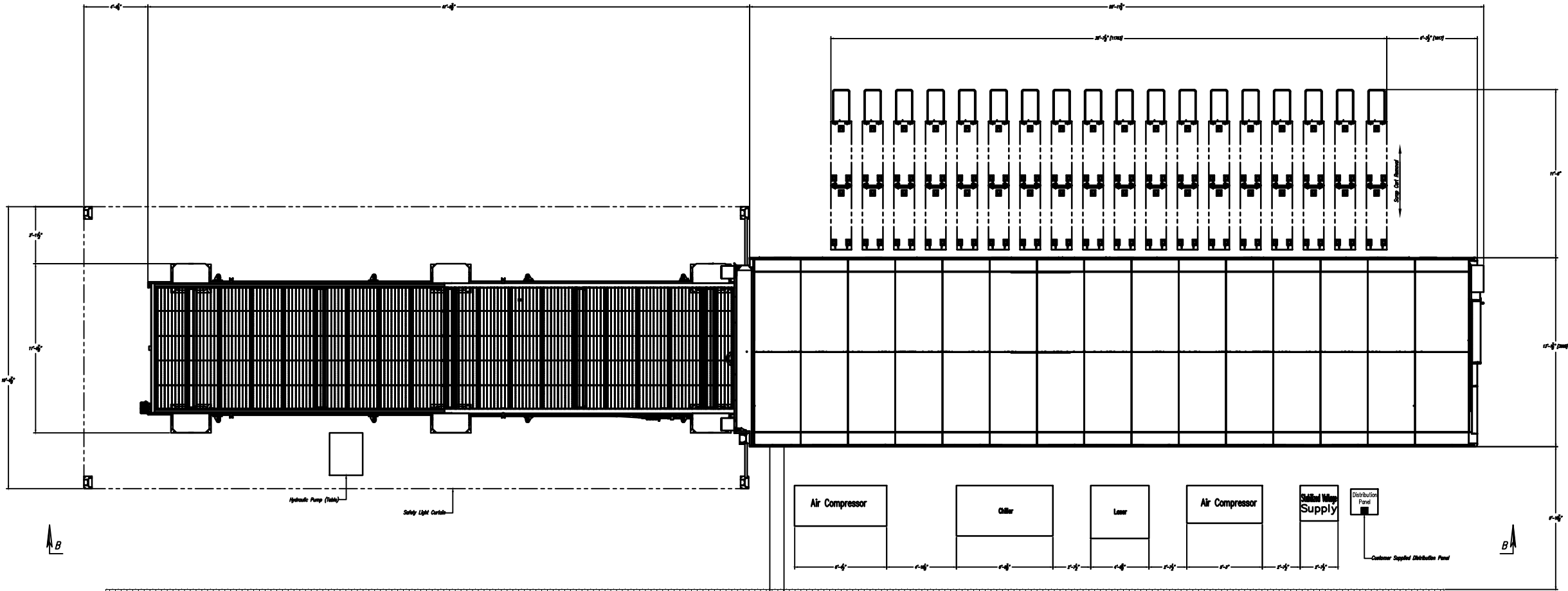
E				Peddinghaus Corp. BRADLEY, ILL. U.S.A. PeddiPlate Laser Bolt VII 12025 For	IMPORTANT Safety Note! Because of the difficulty to effectively guard the full length of the system it is the customers responsibility to prevent access by unauthorized personnel and to provide safe crossing.		
D					DRAWN BY: <i>G. Carpenter</i> SCALE: 1/2" = 1' DATE: DRWG. NO.		
C							
B							
A							
LET.	REVISION/C.N.#	BY	DATE	THIS PRINT IS THE PROPERTY OF PEDDINGHAUS CORP. AND IS NOT TO BE USED IN ANY MANNER DETRIMENTAL TO THE INTERESTS OF SAID COMPANY			



Section B-B



Section A-A



Dust Collector

GAS QUALITY:	
O2	99.995% PURE, Clean, Dry, Oil-Free
N2	99.99% PURE, Clean, water free, Oil-Free and oxygen free (H2O ≤100Vpm, CnHm ≤1Vpm, O2≤5Vpm)
AIR	Clean, Dry, Oil-Free
REQUIRED FLOW RATES & INLET PRESSURES	
OXYGEN	0-290 psi AT 100 cfm
NITROGEN	0-580 psi AT 170 cfm
AIR Cutting	220 psi AT 113 cfm

LUBRICANT OIL REQUIREMENTS:	
Tellus S2V 32, 48, 68	Filling Capacity:10L
Noted: Any of the three can be used. Once a specific type is determined, there is no need to replace it later. Used For Gear, Rack and Slider	
HYDRAULIC OIL STATION:	
Tellus S2 VX32 L-HS32	Filling Capacity:70L
Noted: Anti-wear hydraulic oil (Ultra-low temperature)	

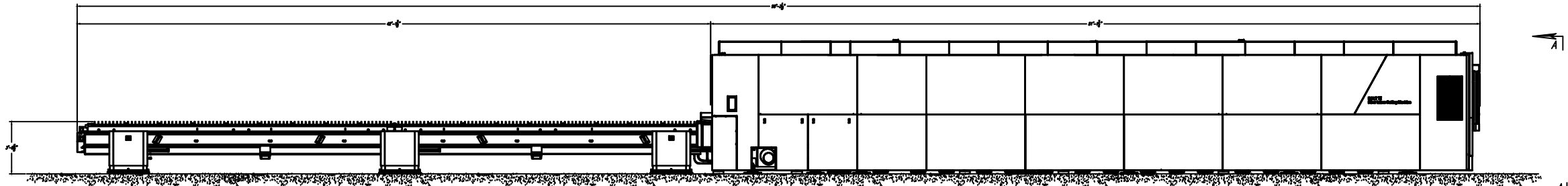
PeddiLaser Plate 40 KW NOTES:

- 1.) **Primary 460 V., 3 Ph., 60 Hz. [Req'd @ each]**
Total K.V.A. for Peddilaser Bolt VII = 267.37 K.V.A. (Distribution Panel)
Total K.V.A. for Stabilizer = 200 K.V.A. (250 Amp Circuit Breaker)
Total K.V.A. for Chiller = 48.75 K.V.A. (100 Amp Circuit Breaker)
Total K.V.A. for Dust Collector = 19.23 K.V.A. (50 Amp Circuit Breaker)
Total K.V.A. for Air Compressor = 47.44 K.V.A. (80 Amp Circuit Breaker)
Total K.V.A. for Air Dryer = 1.28 K.V.A. (16 Amp Circuit Breaker)
The customer must provide power to all five of the above-listed items. through a distribution panel.
- 2.) **Air Requirement (Machine Only): 120 PSIG. not less than 32 SCFM Min. Free Air**
- 3.) **Cooling Water (DI Water): Deionized, demineralized, or distilled water {105 Gal. Total}**

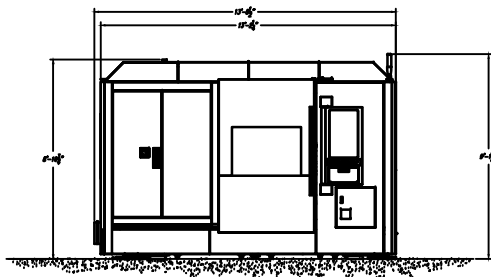
Note: Anchor Bolts Provided With The Machine.
Note: Heavy-duty regulators for Oxygen and Nitrogen are provided with the machine.
Any customer supplied air compressor must meet the above-stated requirements.

- Explanation:
1. laser cutting machine near the implementation of reliable industrial grounding (such as no grounding ring network around the workshop), grounding resistance <4Ω;
 2. the bearing capacity of the ground to reach at least 80000kg/m2, the foundation must be built on the bearing layer, the ground flatness ≤±25mm; Concrete thickness 6" reinforced C30 Grade (4,350 PSI) ½" Dia, x 8" x 8" Rebar grid spacing.
 3. Horizontal 0.01mm, vertical 0.05mm; From peak to peak for frequencies below 15 Hz. Amplitude cannot increase to more than 10 dB per frequency decade if values are higher than 15 Hz.
 4. the equipment requirements for power: a separate and protective control loop, and led to the AC regulated power supply. Ground busbar (size: 300X100X10);
 5. ensure that there is enough distance on the right side of the machine to ensure that the slag car can be pulled out smoothly;
 6. No settlement of the foundation (Customers can decide by themselves according to the local geological conditions, but the bearing requirements should be met)
 7. Network requirements are as follows: Network bandwidth: 100 Mbit/s or above; Use network cables: The network cables must be at least Category 5 network cables, and the distance between the device and the switch must be no more than 70 meters. Otherwise, a switch needs to be added for trunk.
 8. All sizes are in available in millimeters;
 - 9.The main view of the device is a top view.
 10. operating temperature 10°C-40°C. Humidity 20%-70%

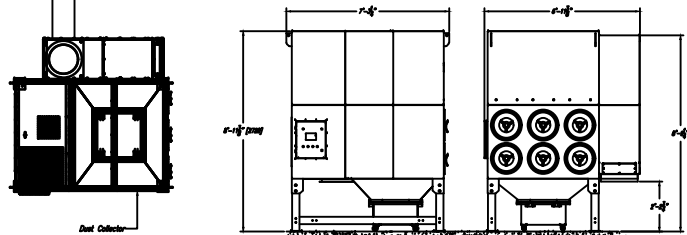
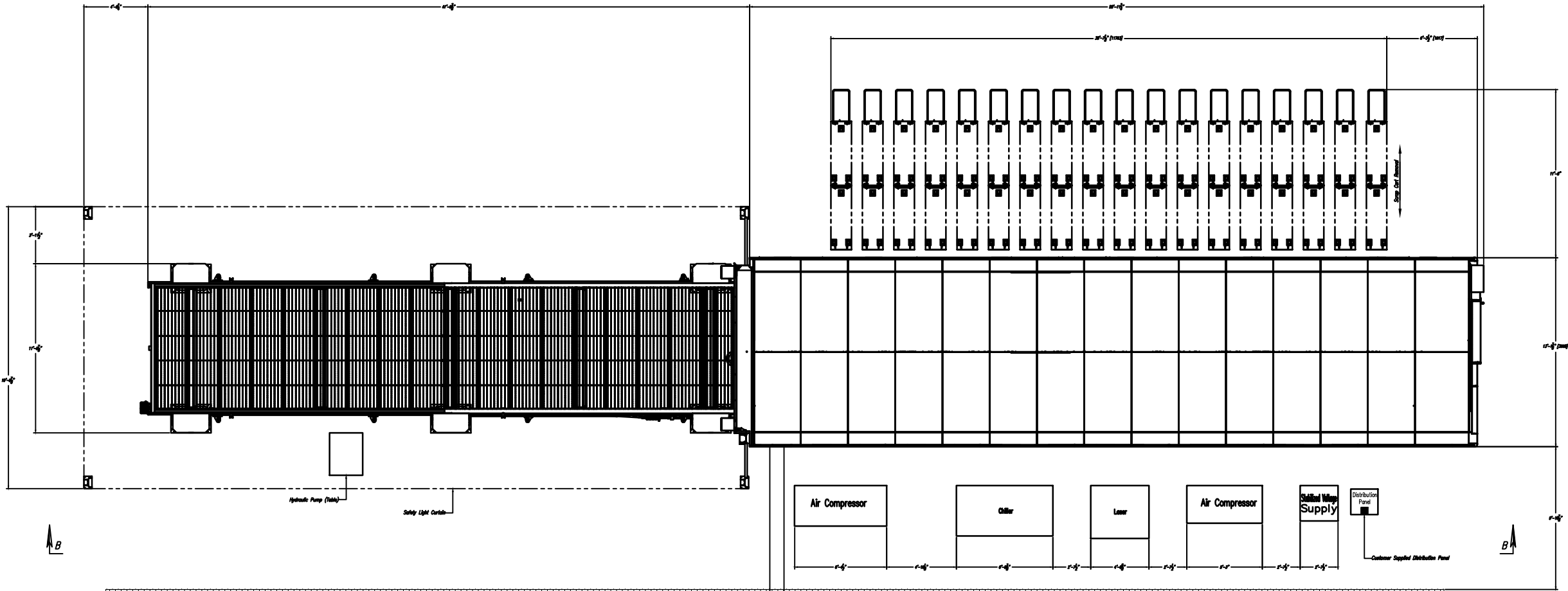
E				Peddinghaus Corp. BRADLEY, ILL. U.S.A. PeddiPlate Laser Bolt VII 12025 For	IMPORTANT Safety Note! Because of the difficulty to effectively guard the full length of the system it is the customers responsibility to prevent access by unauthorized personnel and to provide safe crossing. DRAWN BY: <i>G. Carpenter</i> SCALE: 1/2" = 1' DATE: DRWG. NO.	
D						
C						
B						
A						
LET.	REVISION/C.N.#	BY	DATE	THIS PRINT IS THE PROPERTY OF PEDDINGHAUS CORP. AND IS NOT TO BE USED IN ANY MANNER DETRIMENTAL TO THE INTERESTS OF SAID COMPANY		



Section B-B



Section A-A



Dust Collector

GAS QUALITY:	
O2	99.995% PURE, Clean, Dry, Oil-Free
N2	99.99% PURE, Clean, water free, Oil-Free and oxygen free (H2O ≤100Vpm, CnHm ≤1Vpm, O2≤5Vpm)
AIR	Clean, Dry, Oil-Free
REQUIRED FLOW RATES & INLET PRESSURES	
OXYGEN	0-290 psi AT 100 cfm
NITROGEN	0-580 psi AT 170 cfm
AIR Cutting	220 psi AT 113 cfm

LUBRICANT OIL REQUIREMENTS:	
Tellus S2V 32, 48, 68	Filling Capacity:10L
Noted: Any of the three can be used. Once a specific type is determined, there is no need to replace it later. Used For Gear, Rack and Slider	
HYDRAULIC OIL STATION:	
Tellus S2 Vx32 L-HS32	Filling Capacity:70L
Noted: Anti-wear hydraulic oil (Ultra-low temperature)	

PeddiLaser Plate 60 KW NOTES:

- 1.) **Primary 460 V., 3 Ph., 60 Hz. [Req'd @ each]**
Total K.V.A. for Peddilaser Bolt VII = 403.15 K.V.A. (Distribution Panel)
Total K.V.A. for Stabilizer = 300 K.V.A. (400 Amp Circuit Breaker)
Total K.V.A. for Chiller = 80 K.V.A. (160 Amp Circuit Breaker)
Total K.V.A. for Dust Collector = 19.23 K.V.A. (50 Amp Circuit Breaker)
Total K.V.A. for Air Compressor = 70.51 K.V.A. (125 Amp Circuit Breaker)
Total K.V.A. for Air Dryer = 3.85 K.V.A. (16 Amp Circuit Breaker)
The customer must provide power to all five of the above-listed items. through a distribution panel.
- 2.) **Air Requirement (Machine Only): 120 PSIG. not less than 32 SCFM Min. Free Air**
- 3.) **Cooling Water (DI Water): Deionized, demineralized, or distilled water {105 Gal. Total}**

Note: Anchor Bolts Provided With The Machine.
Note: Heavy-duty regulators for Oxygen and Nitrogen are provided with the machine.
Any customer supplied air compressor must meet the above-stated requirements.

Explanation:

1. laser cutting machine near the implementation of reliable industrial grounding (such as no grounding ring network around the workshop), grounding resistance <4Ω;
2. the bearing capacity of the ground to reach at least 80000kg/m2, the foundation must be built on the bearing layer, the ground flatness ≤±25mm; Concrete thickness 6" reinforced C30 Grade (4,350 PSI) ½" Dia, x 8" x 8" Rebar grid spacing.
3. Horizontal 0.01mm, vertical 0.05mm; From peak to peak for frequencies below 15 Hz. Amplitude cannot increase to more than 10 dB per frequency decade if values are higher than 15 Hz.
4. the equipment requirements for power: a separate and protective control loop, and led to the AC regulated power supply. Ground busbar (size: 300X100X10);
5. ensure that there is enough distance on the right side of the machine to ensure that the slag car can be pulled out smoothly;
6. No settlement of the foundation (Customers can decide by themselves according to the local geological conditions, but the bearing requirements should be met)
7. Network requirements are as follows: Network bandwidth: 100 Mbit/s or above; Use network cables: The network cables must be at least Category 5 network cables, and the distance between the device and the switch must be no more than 70 meters. Otherwise, a switch needs to be added for trunk.
8. All sizes are in available in millimeters;
- 9.The main view of the device is a top view.
10. operating temperature 10°C-40°C. Humidity 20%-70%

E				Peddinghaus Corp. BRADLEY, ILL. U.S.A. PeddiPlate Laser Bolt VII 12025 For	IMPORTANT Safety Note! Because of the difficulty to effectively guard the full length of the system it is the customers responsibility to prevent access by unauthorized personnel and to provide safe crossing.		
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