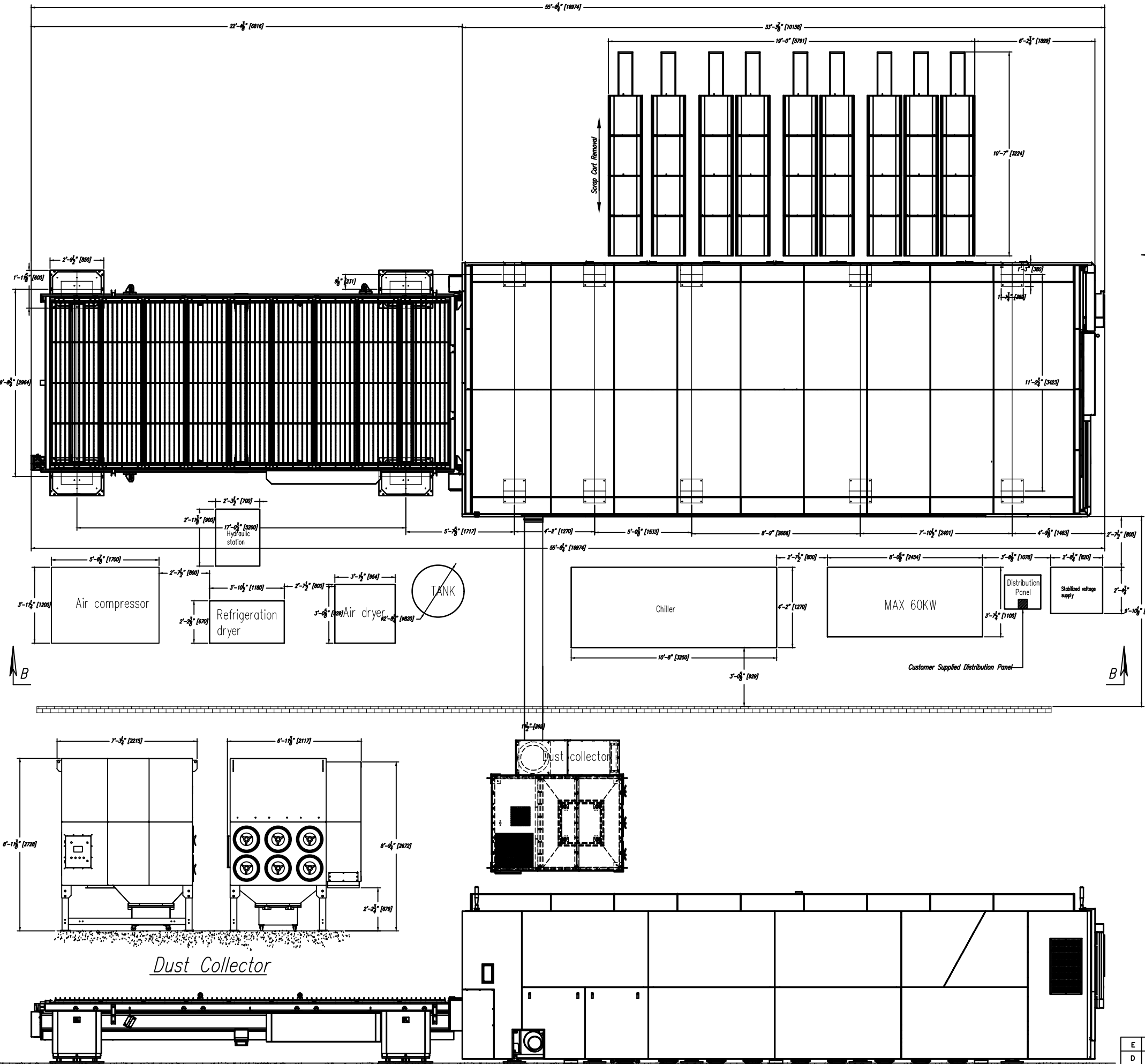
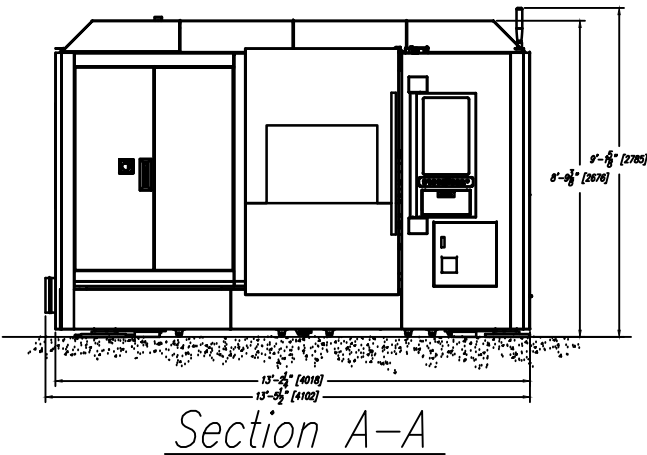




- Explanation:
1. laser cutting machine near the implementation of reliable industrial grounding (such as no grounding ring network around the workshop), grounding resistance $<4\Omega$;
 2. the bearing capacity of the ground to reach at least kg/m^2 , the foundation must be built on the bearing layer, the ground flatness $\leq \pm 5\text{mm}$; Concrete thickness 6" reinforced C30 Grade (4,350 PSI) $\frac{1}{2}$ " 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 $10^{\circ}\text{C}-40^{\circ}\text{C}$. Humidity 20%-70%.



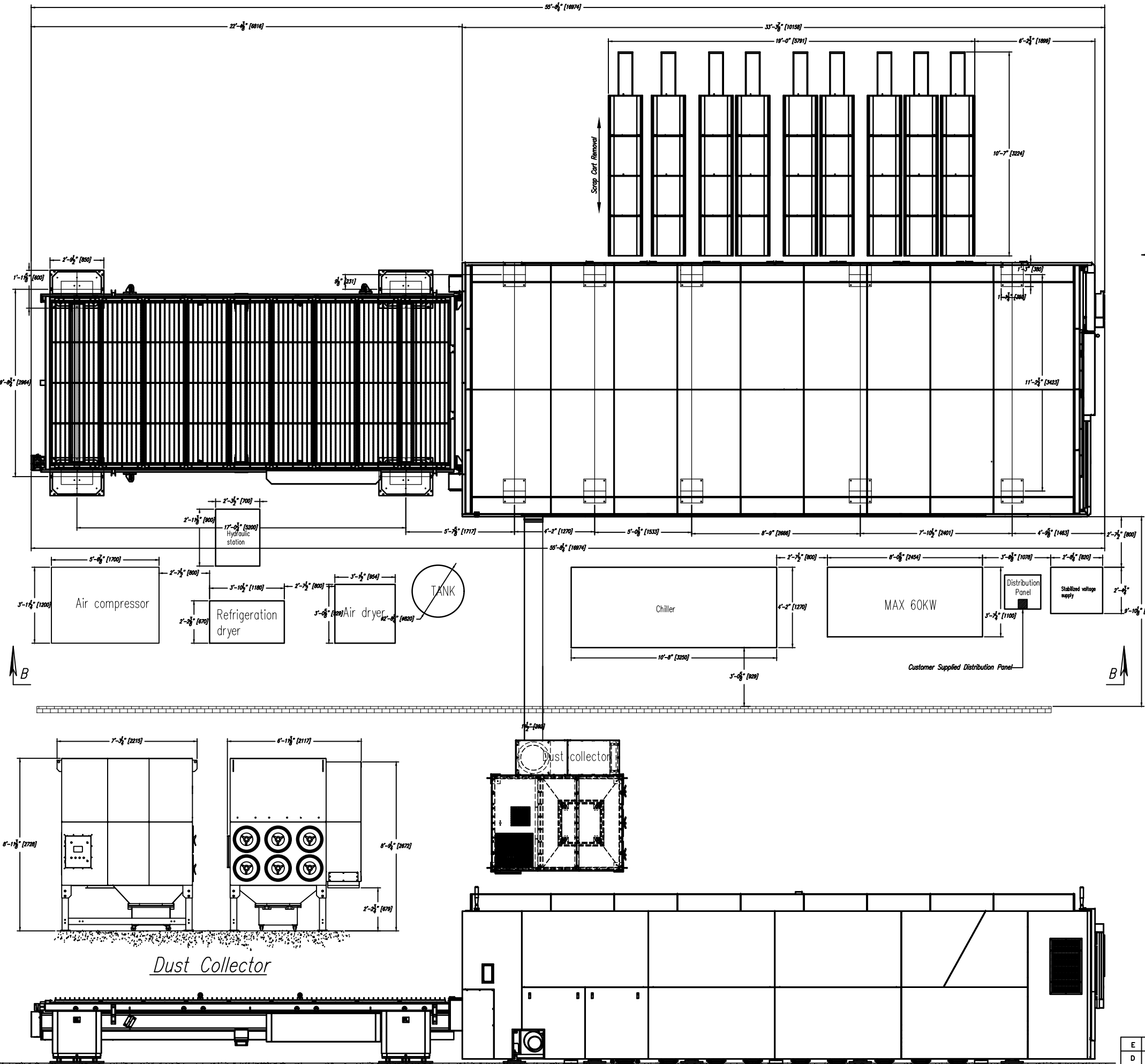
GAS QUALITY:		LUBRICANT OIL REQUIREMENTS:
O2	99.995% PURE, Clean, Dry, Oil-Free	Tellus S2V 32, 48, 68 Filling Capacity:10L Noted: Any of the three can be used. Once a specific type is determined, there is no need to replace it later. Used For Gear, Rack and Slider
N2	99.99% PURE, Clean, water free, Oil-Free and oxygen free (H2O $\leq 100\text{Vpm}$, CnHm $\leq 1\text{Vpm}$, O2 $\leq 5\text{Vpm}$)	
AIR	Clean, Dry, Oil-Free	
REQUIRED FLOW RATES & INLET PRESSURES		HYDRAULIC OIL STATION:
OXYGEN	0-290 psi AT 100 cfm	Tellus S2 VX32 L-HS32 Filling Capacity:70L Noted: Anti-wear hydraulic oil (Ultra-low temperature)
NITROGEN	0-580 psi AT 170 cfm	
AIR Cutting	220 psi AT 102 cfm	

Peddilas Plate 20 KW NOTES:

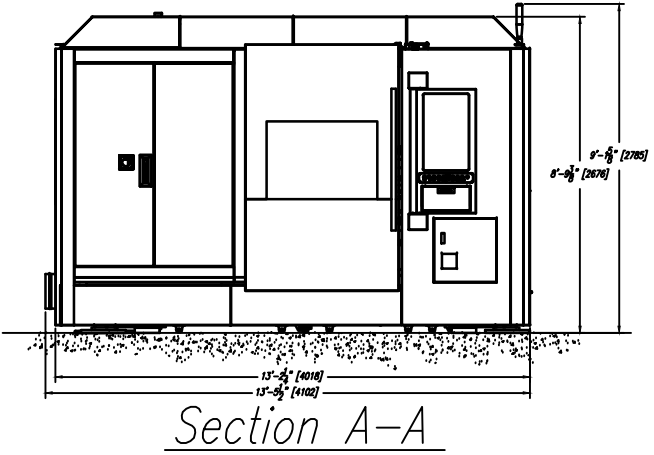
- 1.) Primary 460 V., 3 Ph., 60 Hz. [Req'd @ each 
 - Total K.V.A. for Peddilas Bolt VII = 181.45 K.V.A. (Distribution Panel)
 - Total K.V.A. for Stabilizer = 120 K.V.A. (160 Amp Circuit Breaker)
 - Total K.V.A. for Chiller = 24.63 K.V.A. (50 Amp Circuit Breaker)
 - Total K.V.A. for Dust Collector = 14.1 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.

E				Peddinghaus Corp. BRADLEY, ILL. U.S.A. PeddiPlate Laser Bolt VII 6025 For		IMPORTANT Safety Note!	
D						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.	
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		DRAWN BY: <i>G. Carpenter</i>	SCALE: 1/2" = 1' DATE: 5-21-26 DRWG. NO.



- Explanation:
1. laser cutting machine near the implementation of reliable industrial grounding (such as no grounding ring network around the workshop), grounding resistance $<4\Omega$;
 2. the bearing capacity of the ground to reach at least 65000 kg/m², the foundation must be built on the bearing layer, the ground flatness $\leq \pm 5\text{mm}$; Concrete thickness 6" reinforced C30 Grade (4,350 PSI) $\frac{1}{2}$ " 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%.

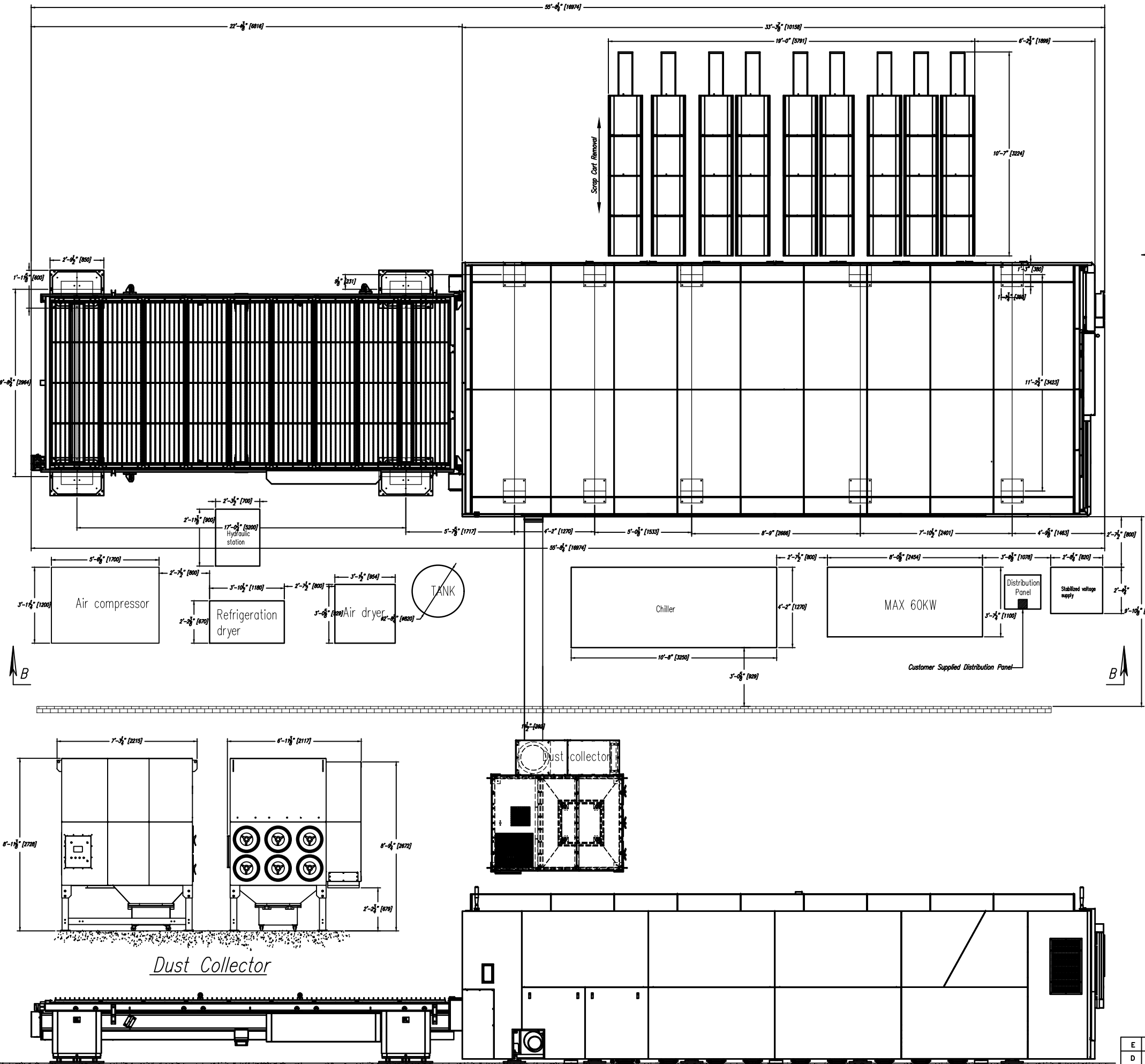


<u>GAS QUALITY:</u>		<u>LUBRICANT OIL REQUIREMENTS:</u>
O2	99.995% PURE, Clean, Dry, Oil-Free	Tellus S2V 32, 48, 68 Filling Capacity:10L
N2	99.99% PURE, Clean, water free, Oil-Free and oxygen free (H2O ≤100Vpm, CnHm ≤1Vpm, O2≤5Vpm)	Noted: Any of the three can be used. Once a specific type is determined, there is no need to replace it later. Used For Gear, Rack and Slider
AIR	Clean, Dry, Oil-Free	
<u>REQUIRED FLOW RATES & INLET PRESSURES</u>		<u>HYDRAULIC OIL STATION:</u>
OXYGEN	0-290 psi AT 100 cfm	Tellus S2 VX32 L-HS32
NITROGEN	0-580 psi AT 170 cfm	Filling Capacity:70L
AIR Cutting	220 psi AT 102 cfm	Noted: Anti-wear hydraulic oil (Ultra-low temperature)

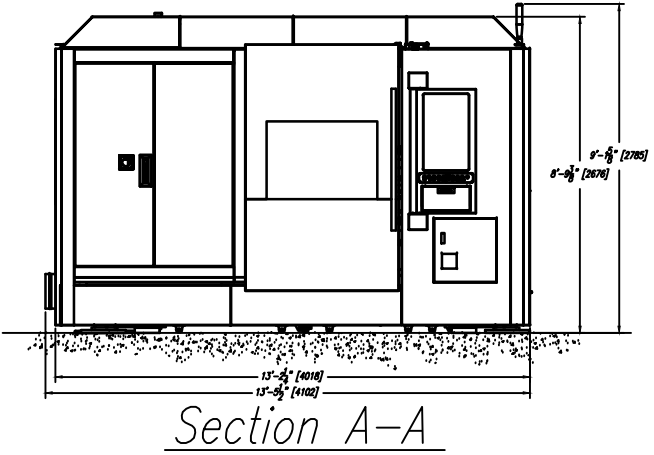
PeddiLaser Plate 30 KW NOTES:

- 1.) Primary 480 V., 3 Ph., 60 Hz. [Req'd @ each ■]
Total K.V.A. for Peddilaser Bolt VII = 227.90 K.V.A. (Distribution Panel)
Total K.V.A. for Stabilizer = 150 K.V.A. (200 Amp Circuit Breaker)
Total K.V.A. for Chiller = 37.75 K.V.A. (63 Amp Circuit Breaker)
Total K.V.A. for Dust Collector = 14.1 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.

E				Peddinghaus Corp.		IMPORTANT Safety Note!	
D				BRADLEY, ILL. U.S.A.		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.	
C				PeddiPlate Laser Bolt VII 6025		DRAWN BY: SCALE: 1/2" = 1' DATE: 5-21-26	
B				For		G. Carpenter DRWG. NO.	
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			



- 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 80000 kg/m2, the foundation must be built on the bearing layer, the ground flatness ≤±5mm; 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%.

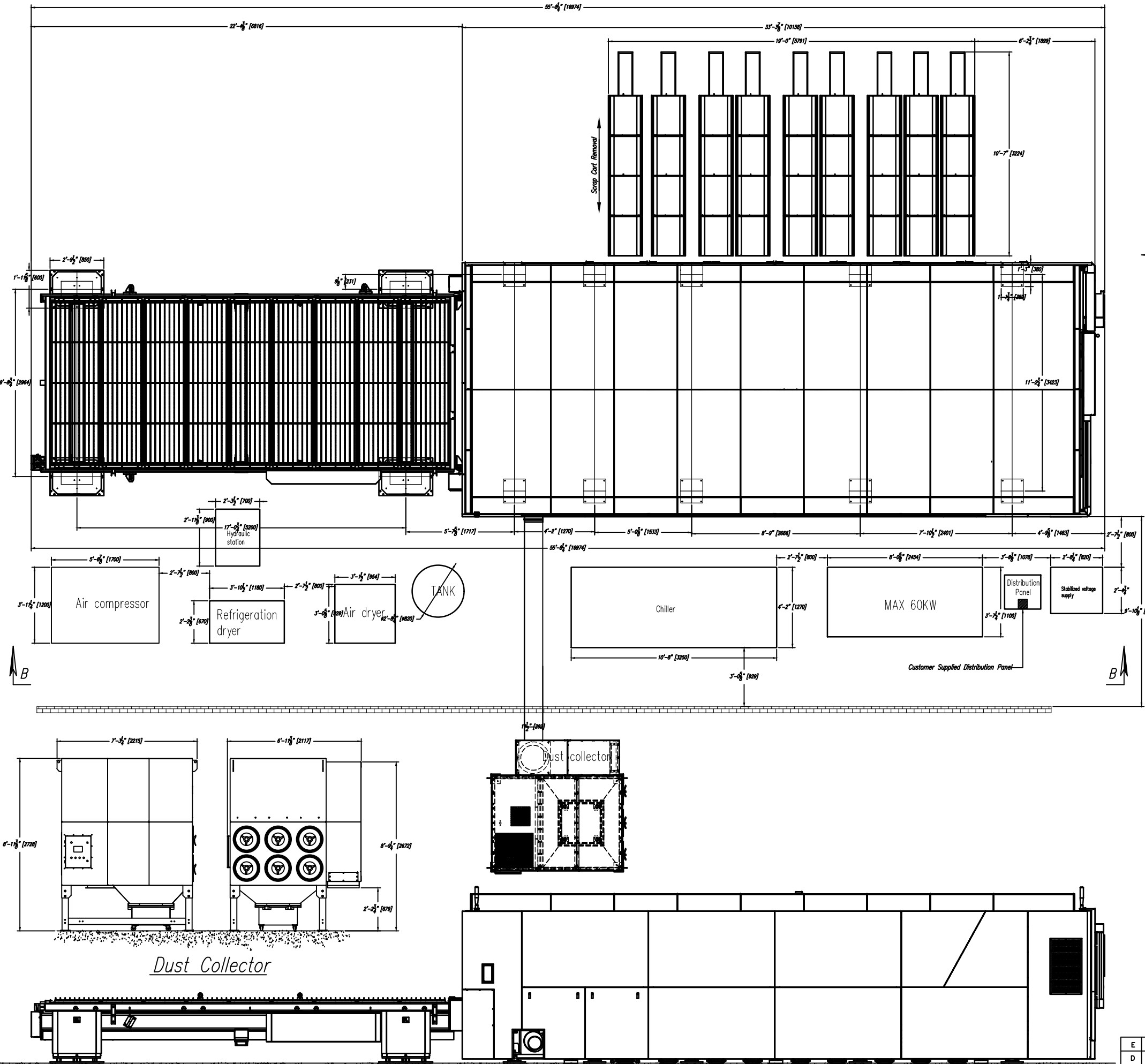


<u>GAS QUALITY:</u>		<u>LUBRICANT OIL REQUIREMENTS:</u>
O2	99.995% PURE, Clean, Dry, Oil-Free	Tellus S2V 32, 48, 68 Filling Capacity:10L
N2	99.99% PURE, Clean, water free, Oil-Free and oxygen free (H2O ≤100Vpm, CnHm ≤1Vpm, O2≤5Vpm)	Noted: Any of the three can be used. Once a specific type is determined, there is no need to replace it later. Used For Gear, Rack and Slider
AIR	Clean, Dry, Oil-Free	
<u>REQUIRED FLOW RATES & INLET PRESSURES</u>		<u>HYDRAULIC OIL STATION:</u>
OXYGEN	0-290 psi AT 100 cfm	Tellus S2 VX32 L-HS32
NITROGEN	0-580 psi AT 170 cfm	Filling Capacity:70L
AIR Cutting	220 psi AT 113 cfm	Noted: Anti-wear hydraulic oil (Ultra-low temperature)

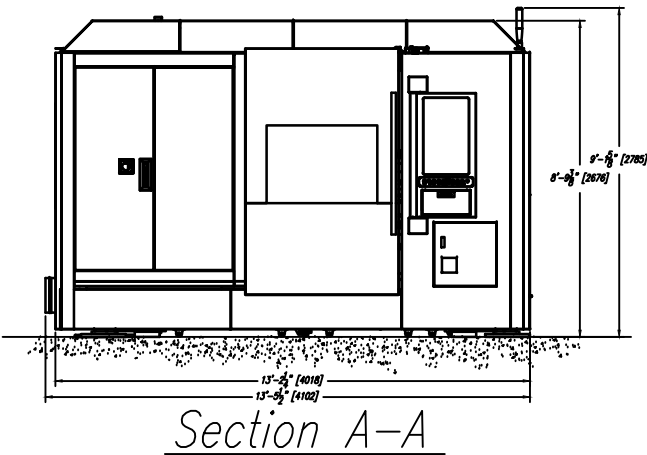
PeddiLaser Plate 40 KW NOTES:

- 1.) Primary 480 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.

E				Peddinghaus Corp. BRADLEY, ILL. U.S.A. PeddiPlate Laser Bolt VII 6025 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: 5-21-26 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		



- 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 80000 kg/m2, the foundation must be built on the bearing layer, the ground flatness ≤±5mm; 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%.



<u>GAS QUALITY:</u>		<u>LUBRICANT OIL REQUIREMENTS:</u>	
O2	99.995% PURE, Clean, Dry, Oil-Free	Tellus S2V 32, 48, 68 Filling Capacity:10L	
N2	99.99% PURE, Clean, water free, Oil-Free and oxygen free (H2O ≤100Vpm, CnHm ≤1Vpm, O2≤5Vpm)	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	
AIR	Clean, Dry, Oil-Free	<u>HYDRAULIC OIL STATION:</u> Tellus S2 VX32 L-HS32 Filling Capacity:70L Noted: Anti-wear hydraulic oil (Ultra-low temperature)	
<u>REQUIRED FLOW RATES & INLET PRESSURES</u>			
OXYGEN	0-290 psi AT 100 cfm		
NITROGEN	0-580 psi AT 170 cfm		
AIR Cutting	220 psi AT 113 cfm		

PeddiLaser Plate 60 KW NOTES:

- 1.) Primary 480 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.

E				Peddinghaus Corp.		IMPORTANT Safety Note!	
D				BRADLEY, ILL. U.S.A.		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.	
C				PeddiPlate Laser Bolt VII 6025		DRAWN BY: SCALE: 1/2" = 1' DATE: 5-21-26	
B				For		G. Carpenter DRWG. NO.	
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			

