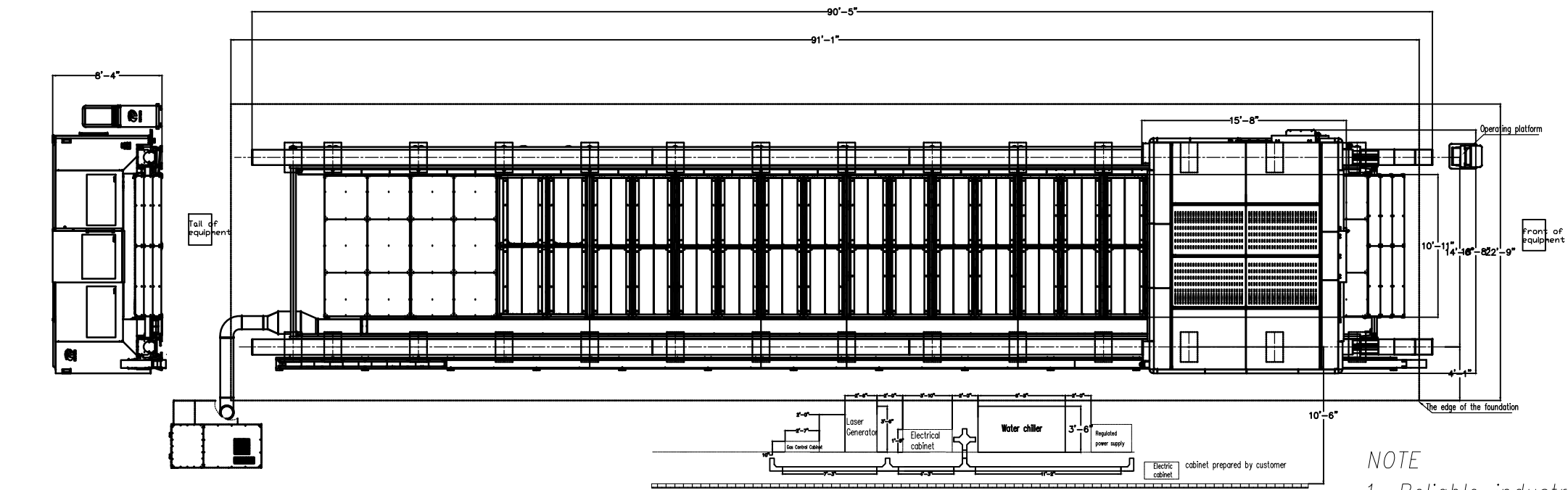


NOTE

1. Reliable industrial grounding is implemented near the machine (if there is no grounding ring network around the plant), and the grounding resistance is $<4\ \Omega$.
2. The characteristic value of subgrade bearing capacity is not less than 40kPa, the floor flatness is $<5\text{mm}/2\text{m}$, and no settlement.
3. For vibration sources with frequencies below 15Hz, the peak amplitude is 0.01mm horizontally and 0.05mm vertically;
4. All dimensions are in millimeters.

NOTE

1. It is recommended to install the main machine and auxiliary equipment such as the chiller and dust collector in separate rooms or area to isolate the heat and sound generated by the auxiliary equipment. It is necessary to remain enough free space to avoid blocking of the chiller's heat dissipation port and also a space at the dust collector's air outlet.
2. It is recommended to install the air compressor and air tank outdoors.
3. It is recommended to install an additional normal water inlet and outlet near the chiller for easy cleaning with water.
4. Requirements of power supply: a separate control circuit with protection function, the power cable must near to the AC stabilizer, copper ground strap(size: 300X100X10).
5. The dust collector should be placed strictly according to the designated position in the diagram, and it is strictly prohibited to use hoses in stead of matal pipes.
6. The electrical cabinet for the main power supply is prepared by the customer, and the cable and gas cable duct are prepared by the customer in advance.
7. All dimensions are in millimeters.

GAS QUALITY:

O2	99.995% PURE, Clean, Dry, Oil-Free
N2	99.99% PURE, Clean, water free, Oil-Free and oxygen free (H2O $\leq 100\text{vpm}$, CnHm $\leq 1\text{vpm}$, $\text{AR} \leq 5\text{vpm}$)
	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
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Peddilaser Plate 20 KW NOTES:

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.

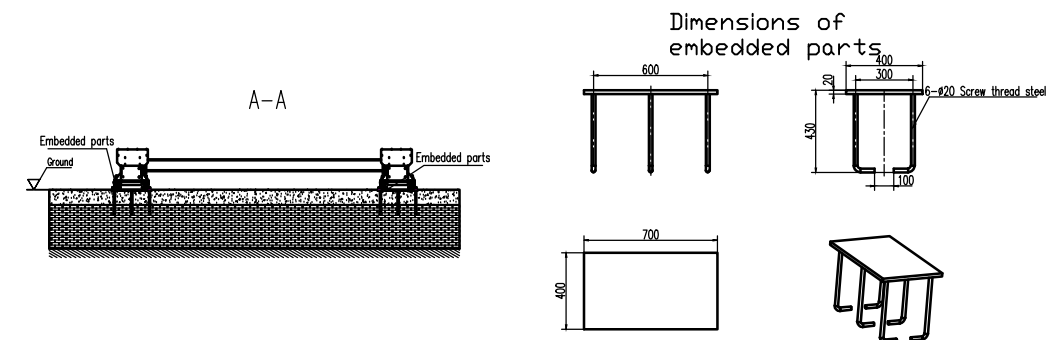
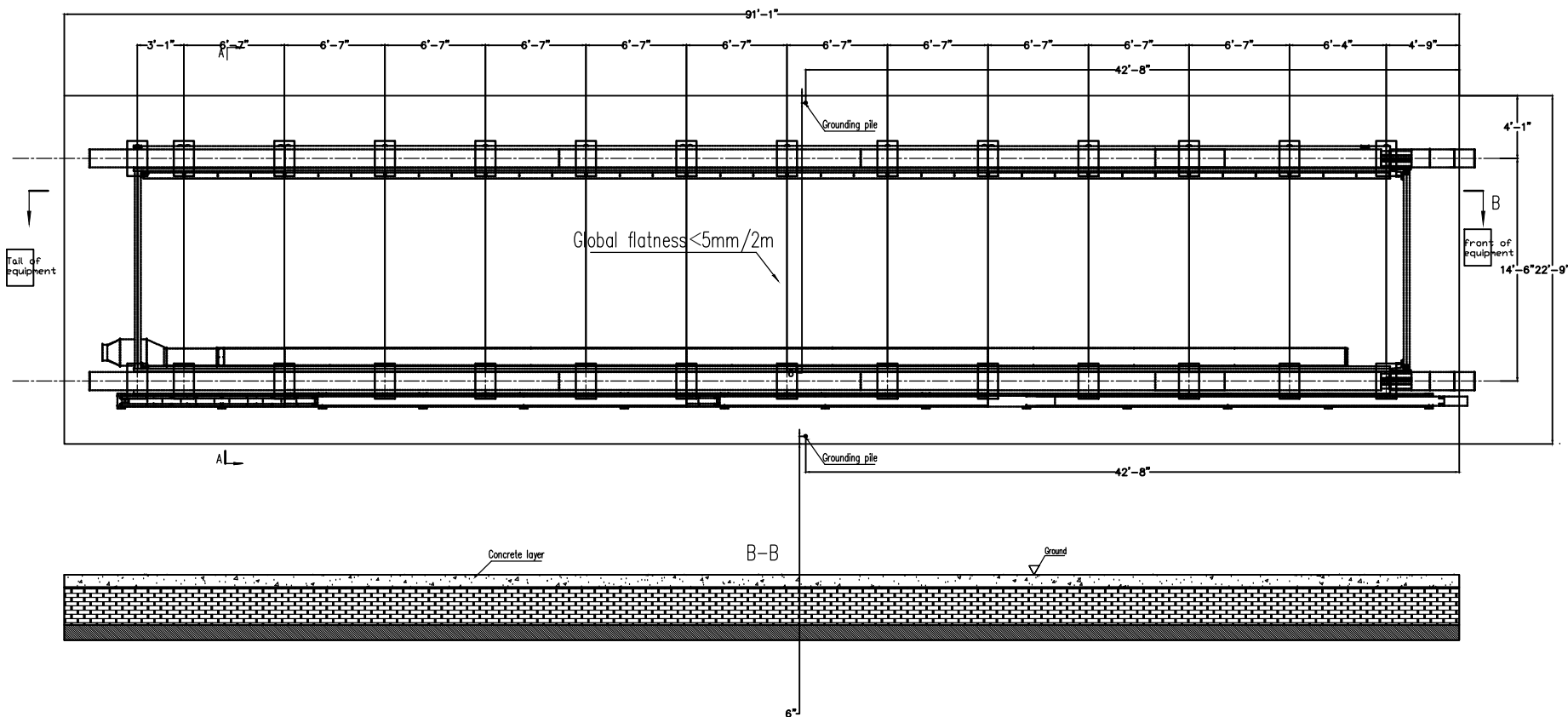
Used For Gear, Rack and Slider

HYDRAULIC OIL STATION:

Tellus S2 VX32 L-HS32

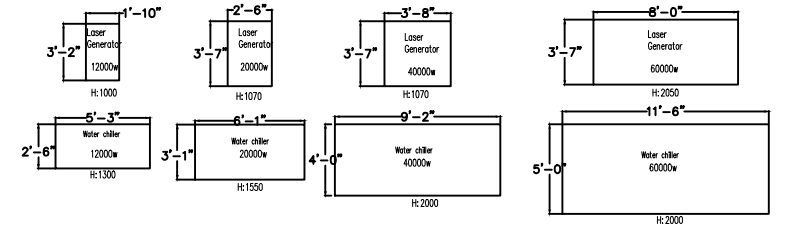
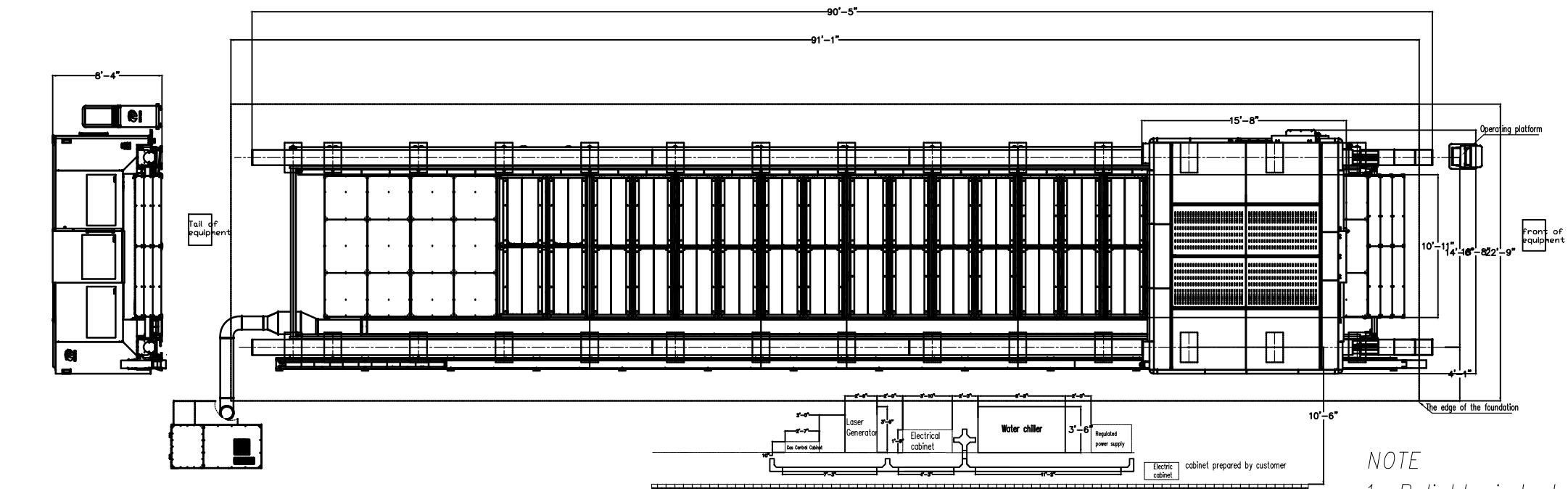
Filling Capacity:70L

Noted: Anti-wear hydraulic oil (Ultra-low temperature)



- 1.) Primary 460 V., 3 Ph., 60 Hz. [Req'd @ each ■]
Total K.V.A. for Peddilaser Bolt VII = 197.06 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 = 23.72 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}

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				Peddilaser Plate 18030	
B					DRAWN BY: R. Lewke
A					SCALE: N/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	DATE: 7-20-26
					DRWG. NO.



NOTE

1. Reliable industrial grounding is implemented near the machine (if there is no grounding ring network around the plant), and the grounding resistance is $<4 \Omega$.
2. The characteristic value of subgrade bearing capacity is not less than 40kPa, the floor flatness is $<5\text{mm}/2\text{m}$, and no settlement.
3. For vibration sources with frequencies below 15Hz, the peak amplitude is 0.01mm horizontally and 0.05mm vertically;
4. All dimensions are in millimeters.

NOTE

1. It is recommended to install the main machine and auxiliary equipment such as the chiller and dust collector in separate rooms or area to isolate the heat and sound generated by the auxiliary equipment. It is necessary to remain enough free space to avoid blocking of the chiller's heat dissipation port and also a space at the dust collector's air outlet.
2. It is recommended to install the air compressor and air tank outdoors.
3. It is recommended to install an additional normal water inlet and outlet near the chiller for easy cleaning with water.
4. Requirements of power supply: a separate control circuit with protection function, the power cable must near to the AC stabilizer, copper ground strap(size: 300X100X10).
5. The dust collector should be placed strictly according to the designated position in the diagram, and it is strictly prohibited to use hoses in stead of matal pipes.
6. The electrical cabinet for the main power supply is prepared by the customer, and the cable and gas cable duct are prepared by the customer in advance.
7. All dimensions are in millimeters.

GAS QUALITY:

O2	99.995% PURE, Clean, Dry, Oil-Free
N2	99.99% PURE, Clean, water free, Oil-Free and oxygen free (H2O $\leq 100\text{vpm}$, CnHm $\leq 1\text{vpm}$, AIR $\leq 5\text{vpm}$) 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
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Peddilaser Plate 30 KW NOTES:

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.

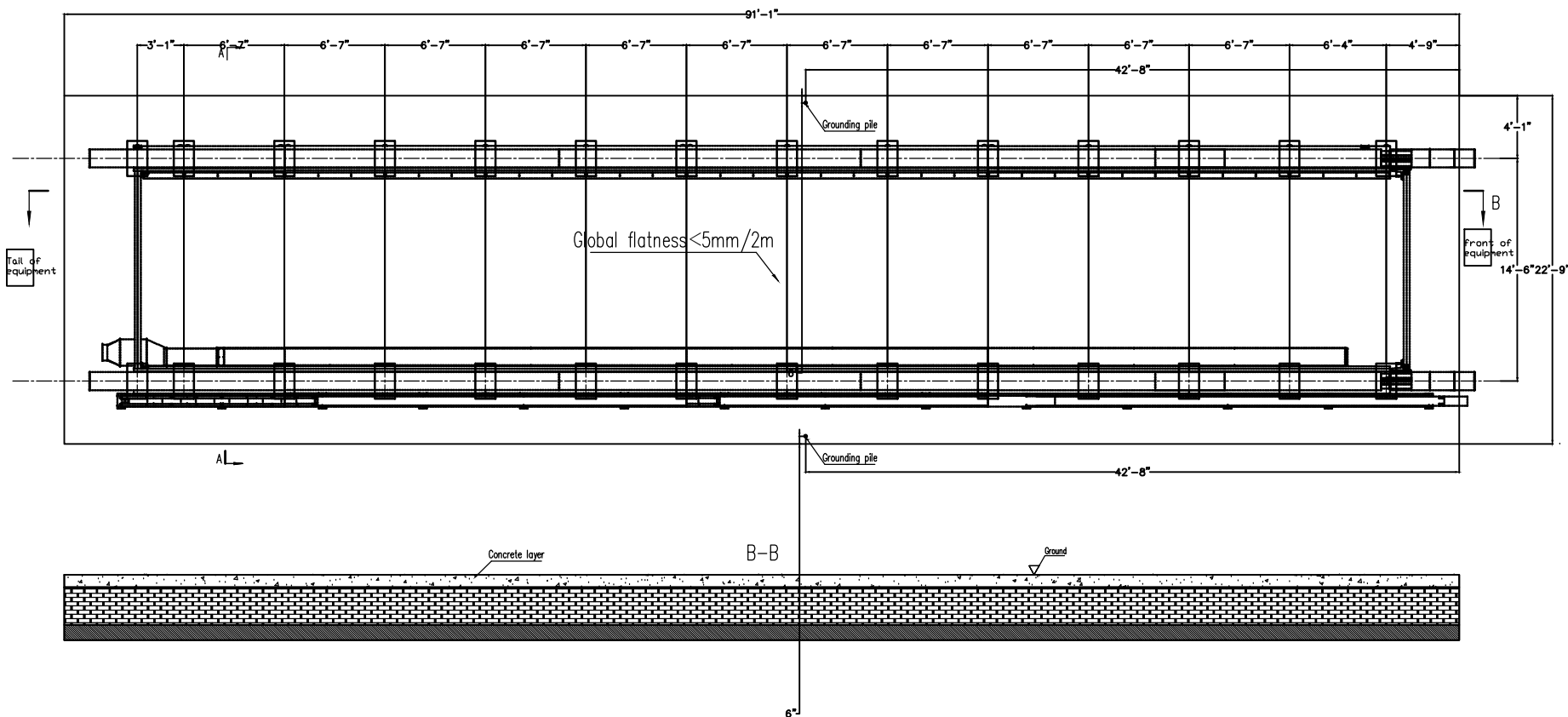
Used For Gear, Rack and Slider

HYDRAULIC OIL STATION:

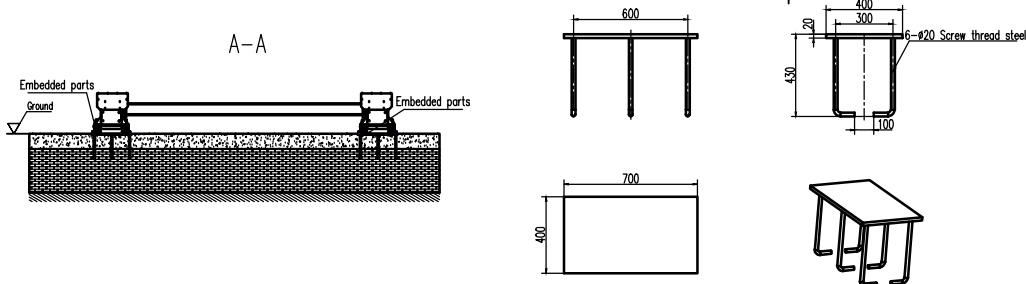
Tellus S2 VX32 L-HS32

Filling Capacity:70L

Noted: Anti-wear hydraulic oil (Ultra-low temperature)

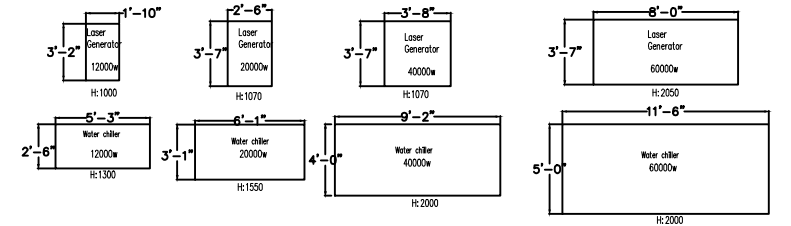
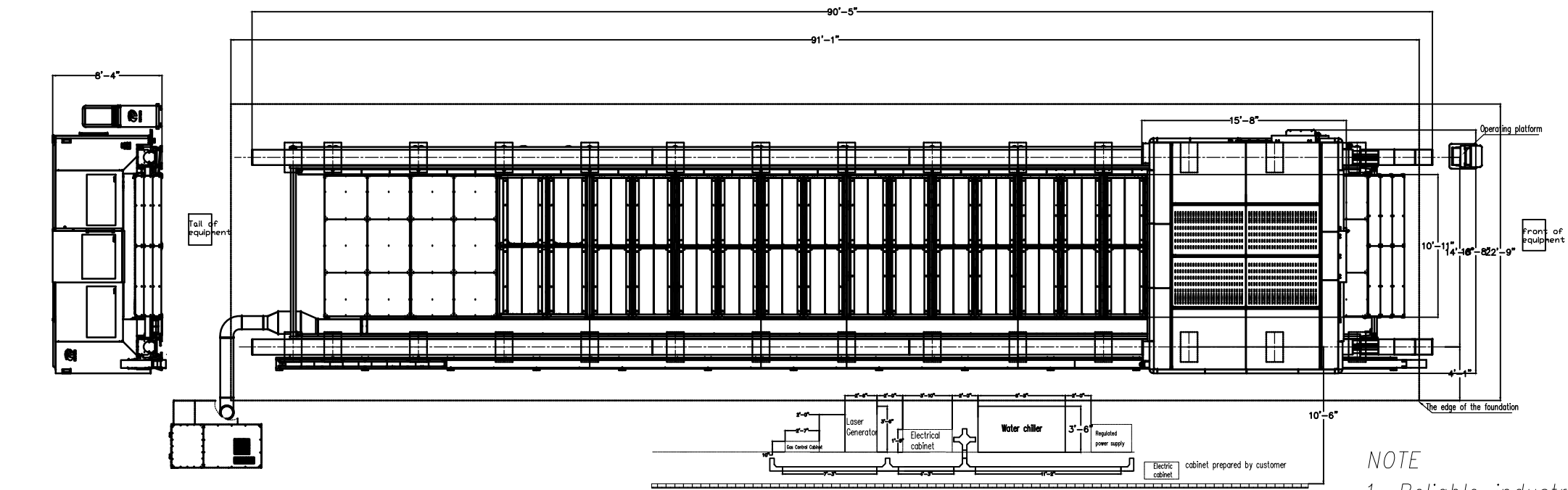


Dimensions of embedded parts



- 1.) **Primary 460 V., 3 Ph., 60 Hz. [Req'd @ each ■]**
Total K.V.A. for Peddilaser Bolt VII = 243.52 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 = 23.72 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}**

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				Peddilaser Plate 18030	
B					DRAWN BY: R. Lewke
A					SCALE: N/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	DATE: 7-20-26
					DRWG. NO.



NOTE

1. Reliable industrial grounding is implemented near the machine (if there is no grounding ring network around the plant), and the grounding resistance is $<4 \Omega$.
2. The characteristic value of subgrade bearing capacity is not less than 40kPa, the floor flatness is $<5\text{mm}/2\text{m}$, and no settlement.
3. For vibration sources with frequencies below 15Hz, the peak amplitude is 0.01mm horizontally and 0.05mm vertically;
4. All dimensions are in millimeters.

NOTE

1. It is recommended to install the main machine and auxiliary equipment such as the chiller and dust collector in separate rooms or area to isolate the heat and sound generated by the auxiliary equipment. It is necessary to remain enough free space to avoid blocking of the chiller's heat dissipation port and also a space at the dust collector's air outlet.
2. It is recommended to install the air compressor and air tank outdoors.
3. It is recommended to install an additional normal water inlet and outlet near the chiller for easy cleaning with water.
4. Requirements of power supply: a separate control circuit with protection function, the power cable must near to the AC stabilizer, copper ground strap(size: 300X100X10).
5. The dust collector should be placed strictly according to the designated position in the diagram, and it is strictly prohibited to use hoses in stead of matal pipes.
6. The electrical cabinet for the main power supply is prepared by the customer, and the cable and gas cable duct are prepared by the customer in advance.
7. All dimensions are in millimeters.

GAS QUALITY:

O2	99.995% PURE, Clean, Dry, Oil-Free
N2	99.99% PURE, Clean, water free, Oil-Free and oxygen free (H2O $\leq 100\text{vpm}$, CnHm $\leq 1\text{vpm}$, AIR $\leq 5\text{vpm}$) 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
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PeddiLaser Plate 40 KW NOTES:

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.

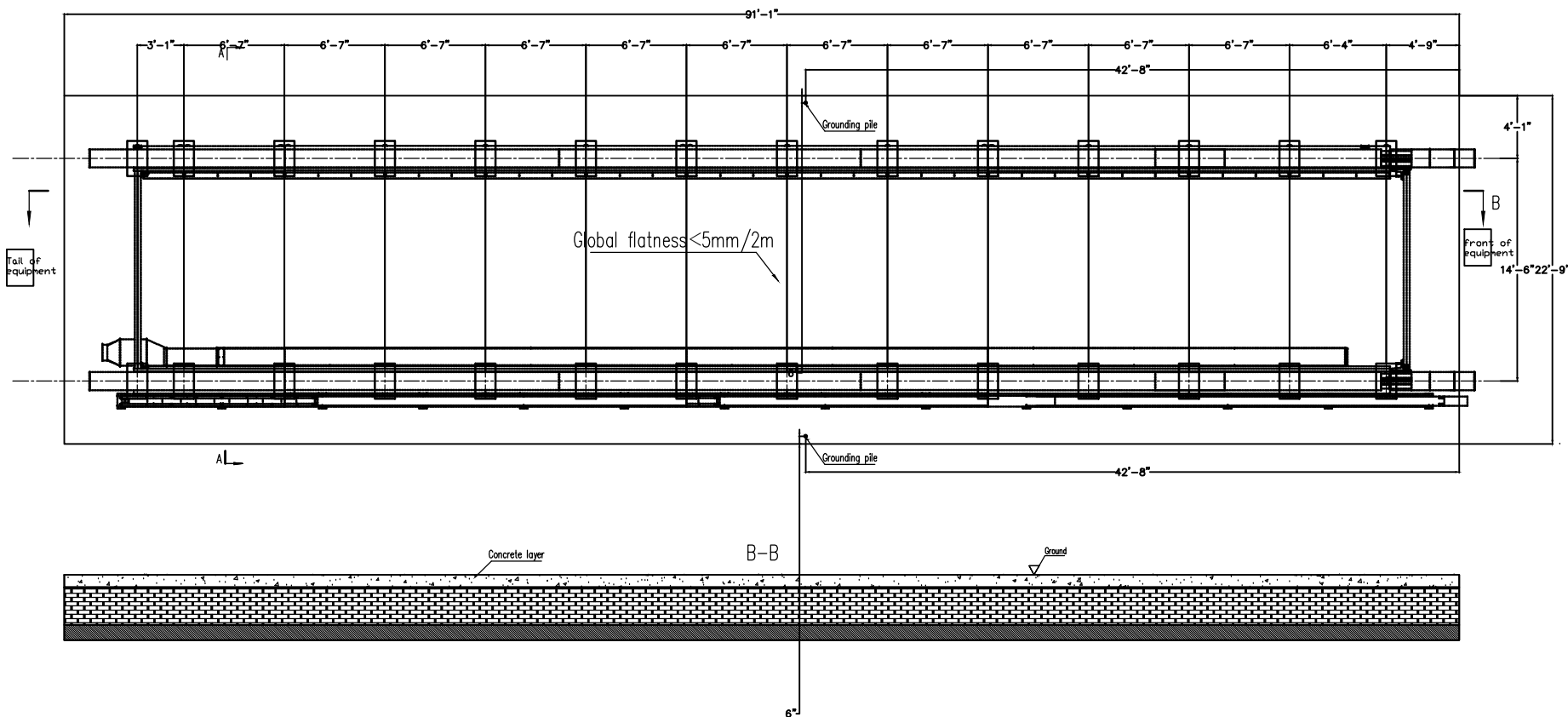
Used For Gear, Rack and Slider

HYDRAULIC OIL STATION:

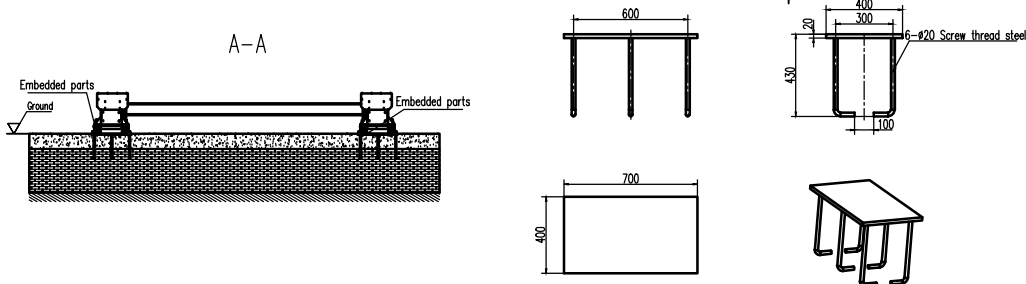
Tellus S2 VX32 L-HS32

Filling Capacity:70L

Noted: Anti-wear hydraulic oil (Ultra-low temperature)



Dimensions of embedded parts



1.) Primary 460 V., 3 Ph., 60 Hz. [Req'd @ each ■]

Total K.V.A. for PeddiLaser Bolt VII = 277.85 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 = 23.72 K.V.A. (50 Amp Circuit Breaker)

Total K.V.A. for Air Compressor = 47.44 K.V.A. (80 Amp Circuit Breaker)

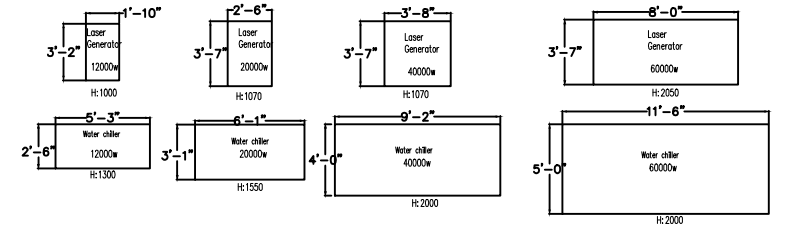
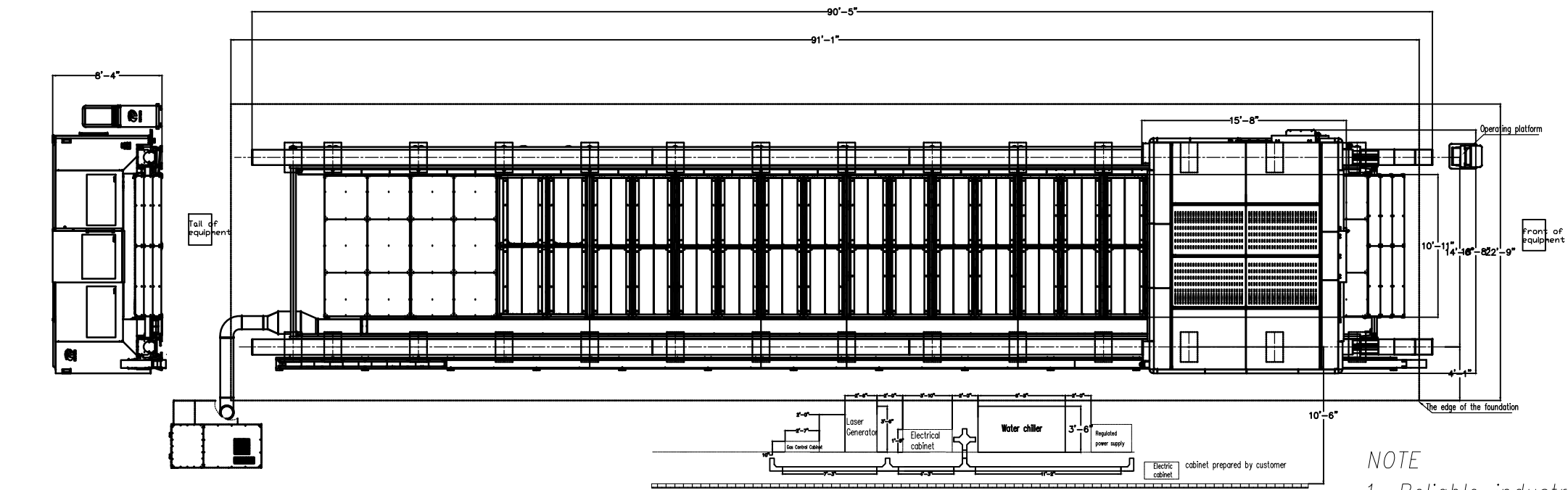
Total K.V.A. for Air Dryer = 1.28 K.V.A. (16 Amp Circuit Breaker)

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}

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				PeddiLaser Plate 18030	
B					DRAWN BY: R. Lewke
A					SCALE: N/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	DATE: 7-20-26
					DRWG. NO.



NOTE

1. Reliable industrial grounding is implemented near the machine (if there is no grounding ring network around the plant), and the grounding resistance is $<4\ \Omega$.
2. The characteristic value of subgrade bearing capacity is not less than 40kPa, the floor flatness is $<5\text{mm}/2\text{m}$, and no settlement.
3. For vibration sources with frequencies below 15Hz, the peak amplitude is 0.01mm horizontally and 0.05mm vertically;
4. All dimensions are in millimeters.

NOTE

1. It is recommended to install the main machine and auxiliary equipment such as the chiller and dust collector in separate rooms or area to isolate the heat and sound generated by the auxiliary equipment. It is necessary to remain enough free space to avoid blocking of the chiller's heat dissipation port and also a space at the dust collector's air outlet.
2. It is recommended to install the air compressor and air tank outdoors.
3. It is recommended to install an additional normal water inlet and outlet near the chiller for easy cleaning with water.
4. Requirements of power supply: a separate control circuit with protection function, the power cable must near to the AC stabilizer, copper ground strap(size: 300X100X10).
5. The dust collector should be placed strictly according to the designated position in the diagram, and it is strictly prohibited to use hoses in stead of matal pipes.
6. The electrical cabinet for the main power supply is prepared by the customer, and the cable and gas cable duct are prepared by the customer in advance.
7. All dimensions are in millimeters.

GAS QUALITY:

O2	99.995% PURE, Clean, Dry, Oil-Free
N2	99.99% PURE, Clean, water free, Oil-Free and oxygen free (H2O $\leq 100\text{vpm}$, CnHm $\leq 1\text{vpm}$, AR $\leq 5\text{vpm}$) 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
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PeddiLaser Plate 60 KW NOTES:

LUBRICANT OIL REQUIREMENTS:

Tellus S2V 32, 48, 68
Filling Capacity:10L

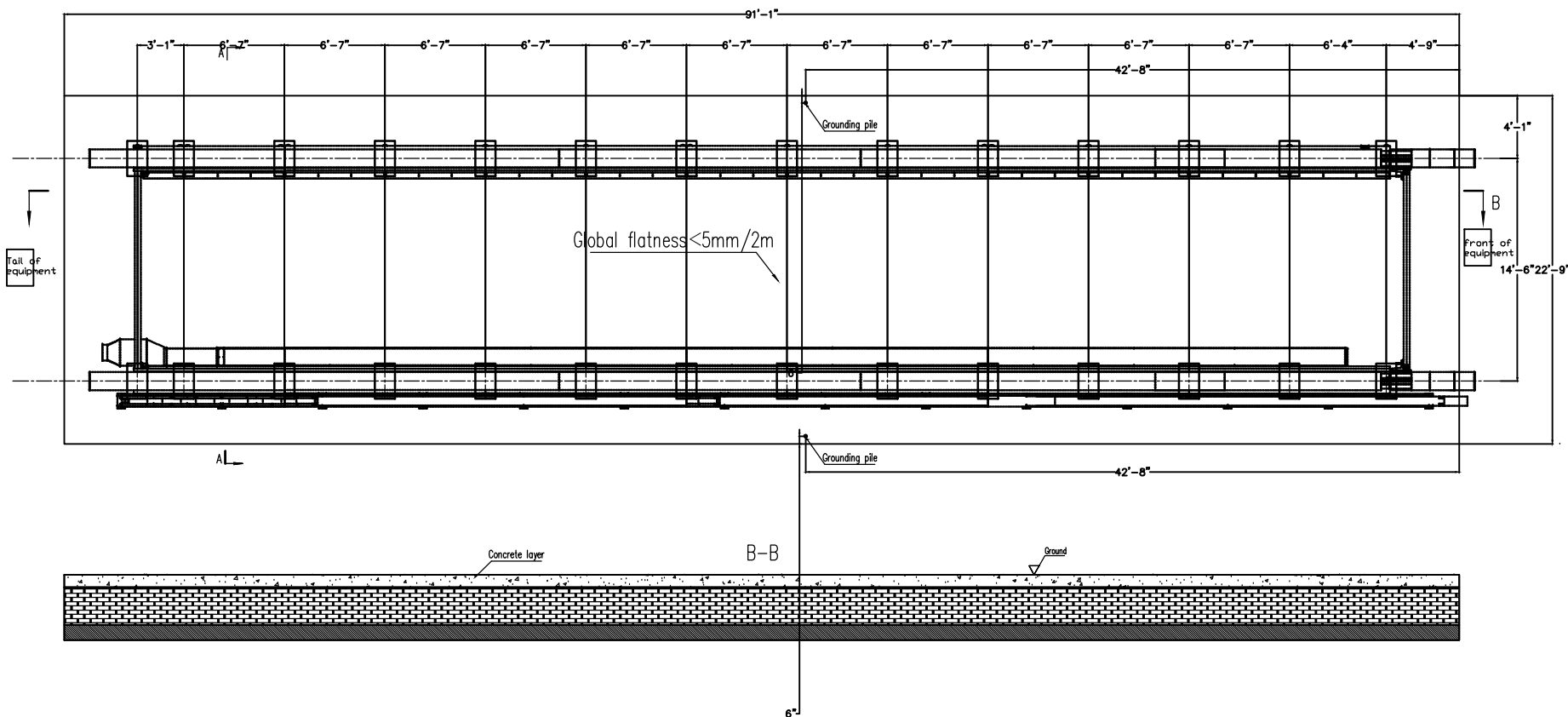
Noted: Any of the three can be used. Once a specific type is determined, there is no need to replace it later.

Used For Gear, Rack and Slider

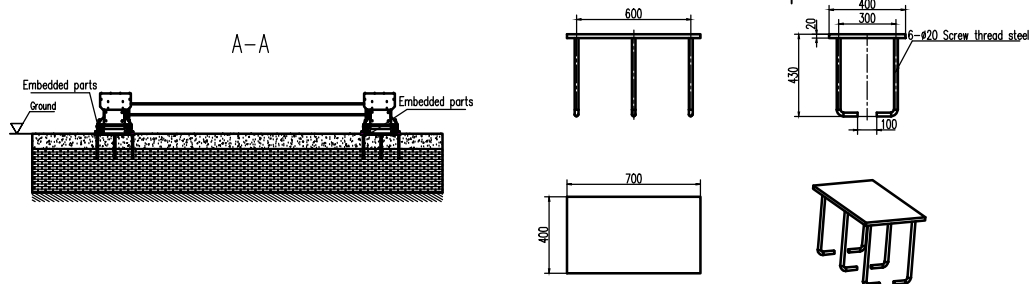
HYDRAULIC OIL STATION:

Tellus S2 VX32 L-HS32
Filling Capacity:70L

Noted: Anti-wear hydraulic oil (Ultra-low temperature)



Dimensions of embedded parts



1.) Primary 460 V., 3 Ph., 60 Hz. [Req'd @ each]

Total K.V.A. for PeddiLaser Bolt VII = 413.63 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 = 23.72 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}

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				PeddiLaser Plate 18030	
B					DRAWN BY: <i>R. Lewke</i> SCALE: <i>N/A</i> DATE: 7-20-26
A					DRWG. NO.
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	