



# Operating Instructions and Parts Manual

## Tube and Pipe Notcher

Model TN-300



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# 1.0 Table of Contents

Section	Page
1.0 Table of Contents .....	2
2.0 Safety Instructions .....	3
3.0 About This Manual .....	4
4.0 Product Identification .....	5
4.1 Overall Dimensions .....	5
5.0 Specifications .....	6
6.0 Setup and Assembly .....	7
6.1 Unpacking and Checking Contents .....	7
6.2 Cleaning .....	7
6.3 Transporting and Lifting .....	7
6.4 Installation .....	8
7.0 Electrical Connections .....	8
7.1 Power Specifications .....	8
7.2 Considerations .....	8
7.3 Extension Cord Safety .....	9
8.0 Operation .....	9
8.1 Arbor Adapters .....	10
9.0 Adjustments .....	11
10.0 Maintenance .....	11
11.0 Replacement Parts .....	12
11.1.1 Main Tube and Stand Assembly – Exploded View .....	12
11.1.2 Handwheel Assembly – Exploded View .....	13
11.1.3 Roller Base Assembly – Exploded View .....	14
11.1.4 Vice Lock Assembly – Exploded View .....	15
11.1.5 Electrical Assembly (U.S) – Exploded View .....	16
11.1.6 Electrical Assembly (CE) - Exploded View .....	17
11.1.7 U.S. Stickers and Logos – Exploded View .....	18
11.1.8 CE Stickers and Logos – Exploded View .....	18
11.1.9 TN-300 Assembly – Parts List .....	19
11.1.10 Vice Assembly – Exploded View .....	21
11.1.11 Vice Assembly – Parts List .....	22
12.0 Wiring Diagram .....	23
13.0 Warranty and Service .....	24



## 2.0 Safety Instructions

### **⚠ WARNING**

**Failure to follow these rules may result in serious personal injury**

1. FOR YOUR OWN SAFETY, READ INSTRUCTION MANUAL BEFORE OPERATING THE MACHINE. Learn the machine's application and limitations as well as the specific hazards.
2. Only trained and qualified personnel can operate this machine.
3. Make sure guards are in place and in proper working order before operating machinery.
4. Remove any adjusting tools. Before operating the machine, make sure any adjusting tools have been removed.
5. Keep work area clean. Cluttered areas invite injuries.
6. Overloading machine. By overloading the machine you may cause injury from flying parts. DO NOT exceed the specified machine capacities.
7. Dressing material edges. Always chamfer and deburr all sharp edges.
8. Do not force tool. Your machine will do a better and safer job if used as intended. DO NOT use inappropriate attachments in an attempt to exceed the machines rated capacity.
9. Use the right tool for the job. DO NOT attempt to force a small tool or attachment to do the work of a large industrial tool. DO NOT use a tool for a purpose for which it was not intended.
10. Dress appropriate. DO NOT wear loose fitting clothing or jewelry as they can be caught in moving machine parts. Protective clothing and steel toe shoes are recommended when using machinery. Wear a restrictive hair covering to contain long hair.
11. Use eye and ear protection. Always wear ISO approved impact safety goggles. Wear a full-face shield if you are producing metal filings.
12. Do not overreach. Maintain proper footing and balance at all times. DO NOT reach over or across a running machine.
13. Stay alert. Watch what you are doing and use common sense. DO NOT operate any tool or machine when you are tired.
14. Check for damaged parts. Before using any tool or machine, carefully check any part that appears damaged. Check for alignment and binding of moving parts that may affect proper machine operation.
15. Observe work area conditions. DO NOT use machines or power tools in damp or wet locations. Do not expose to rain. Keep work area well lighted. DO NOT use electrically powered tools in the presence of flammable gases or liquids.
16. Blade adjustments and maintenance. Always keep blades sharp and properly adjusted for optimum performance.
17. Keep children away. Children must never be allowed in the work area. DO NOT let them handle machines, tools, or extension cords.
18. Store idle equipment. When not in use, tools must be stored in a dry location to inhibit rust. Always lock up tools and keep them out of reach of children.
19. DO NOT operate machine if under the influence of alcohol or drugs. Read warning labels on prescriptions. If there is any doubt, DO NOT operate the machine.
20. DO NOT touch live electrical components or parts.
21. Turn off power before checking, cleaning, or replacing any parts.
22. Be sure all equipment is properly installed and grounded according to national, state, and local codes.
23. Inspect power and control cables periodically. Replace if damaged or bare wires are exposed. Bare wiring can kill!
24. DO NOT bypass or defeat any safety interlock systems.
25. Keep visitors a safe distance from the work area.

**Familiarize yourself with the following safety notices used in this manual:**

### **⚠ CAUTION**

This means that if precautions are not heeded, it may result in minor injury and/or machine damage.

### **⚠ WARNING**

This means that if precautions are not heeded, it may result in serious injury or death.

### **⚠ DANGER**

This means that if precautions are not heeded, it will result in serious or fatal, injury.

## Save the Instructions

## 3.0 About This Manual

This manual is provided by Baileigh Industrial, covering the safe operation and maintenance procedures for a Baileigh Model TN-300 Tube and Pipe Notcher. This manual contains instructions on installation, safety precautions, general operating procedures, maintenance instructions and parts breakdown. Your machine has been designed and constructed to provide consistent, long-term operation if used in accordance with the instructions as set forth in this document.

Technical Support handles questions on setup, operation, schematics, warranty issues, and individual parts needed. Our Technical Support department can be reached at 920-684-4990.

If there are questions or comments, please contact your local supplier or Baileigh Industrial. We can also be reached at our web site: [www.baileigh.com](http://www.baileigh.com).

Retain this manual for future reference. If the machine transfers ownership, the manual should accompany it.

### **WARNING**

**Read and understand the entire contents of this manual before attempting assembly or operation! Failure to comply may cause serious injury!**

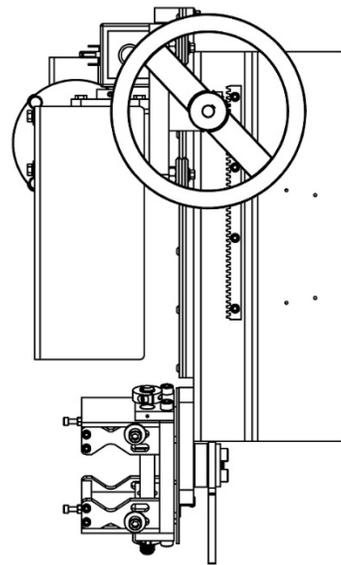
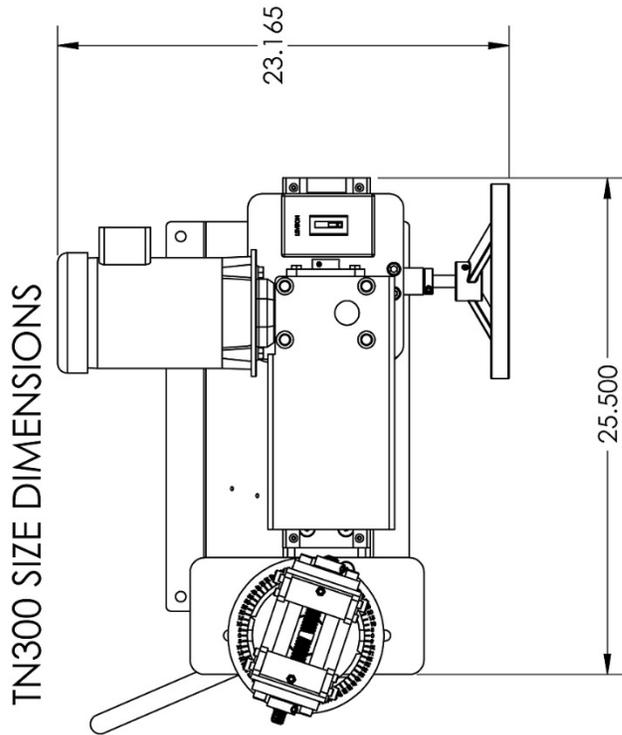
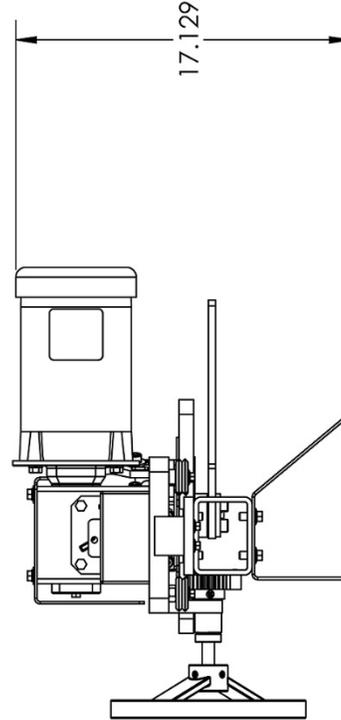
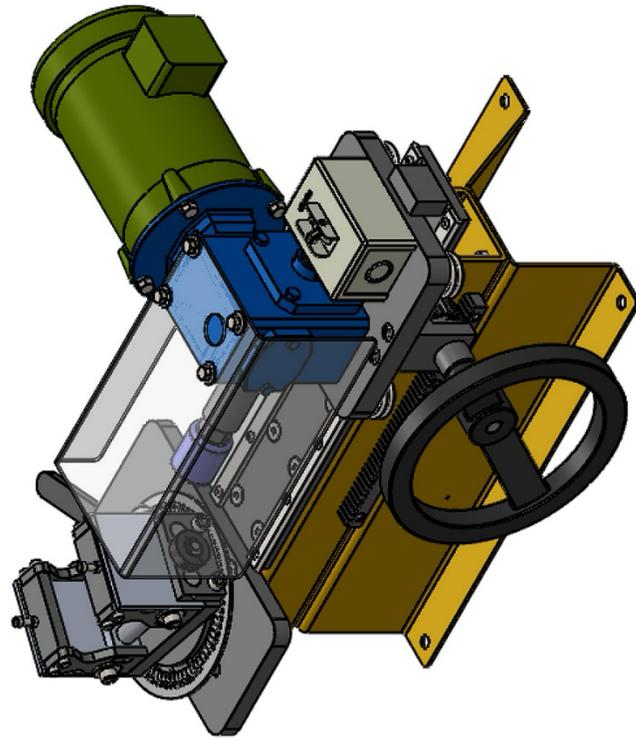
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<https://baileigh.com/product-registration>



# 4.0 Product Identification

## 4.1 Overall Dimensions



**MOUNTING DIMENSION:**  
4X 1/2 HOLES  
11 X 18.5

## 5.0 Specifications

Table 5-1

Model number	TN-300
<b>Motor and Power</b>	
Motor	1/2HP (.4Kw) / 9A
Power	110V / 60Hz
<b>General Specifications</b>	
Notching Capacity (OD)	5/8" - 3" (15.8 – 76.2mm)
Angle Adjustment	0 – 90°
Spindle Speed	233RPM
<b>Weights and Dimensions</b>	
Shipping Weight	265 lbs. (120kg)
Shipping Dimensions	48" x 31" x 31" (1220 x 788 x 788mm)

## **! WARNING**

Read and understand the entire contents of this manual before attempting assembly or operation. Failure to comply may cause serious injury.

## **6.0 Setup and Assembly**

### **6.1 Unpacking and Checking Contents**

Your Baileigh machine is shipped complete. Separate all parts from the packing material and check each item carefully. Make certain all items are accounted for before discarding any packing material.

## **! WARNING**

**SUFFOCATION HAZARD!** Immediately discard any plastic bags and packing materials to eliminate choking and suffocation hazards to children and animals.

## **! WARNING**

If any parts are missing, **DO NOT** place the machine into service until the missing parts are obtained and installed correctly.

### **6.2 Cleaning**

## **! WARNING**

**DO NOT USE** gasoline or other petroleum products to clean the machine. They have low flash points and can explode or cause fire.

## **! CAUTION**

When using cleaning solvents work in a well-ventilated area. Many cleaning solvents are toxic if inhaled.

Your machine may be shipped with a rustproof waxy coating and/or grease on the exposed unpainted metal surfaces. Fully and completely remove this protective coating using a degreaser or solvent cleaner. Moving items will need to be moved along their travel path to allow for cleaning the entire surface. For a more thorough cleaning, some parts will occasionally have to be removed. **DO NOT USE** acetone or brake cleaner as they may damage painted surfaces.

Follow manufacturer's label instructions when using any type of cleaning product. After cleaning, wipe unpainted metal surfaces with a light coating of quality oil or grease for protection.

**IMPORTANT:** This waxy coating is **NOT** a lubricant and will cause the machine to stick and lose performance as the coating continues to dry.

### **6.3 Transporting and Lifting**

## **NOTICE**

Lifting and carrying operations should be carried out by skilled workers, such as a truck operator, crane operator, etc. If a crane is used to lift the machine, attach the lifting chain carefully, making sure the machine is well balanced.

Follow these guidelines when lifting with truck or trolley:

- The lift truck must be able to lift at least 1.5 – 2 times the machines gross weight.
- Make sure the machine is balanced. While transporting, avoid rough or jerky motion, and maintain a safe clearance zone around the transport area.
- Use a forklift with sufficient lifting capacity and forks that are long enough to reach the complete width of the machine.
- Remove the securing bolts that attach the machine to the pallet.
- Approaching the machine from the side, lift the machine on the frame taking care that there are no cables or pipes in the area of the forks.
- Move the machine to the required position and lower gently to the floor.
- Level the machine so that all the supporting feet are taking the weight of the machine and no rocking is taking place.



Figure 6-1

Follow these guidelines when lifting crane or hoist:

- Always lift and carry the machine with the lifting holes provided at the top of the machine.
- Use lift equipment such as straps, chains, capable of lifting 1.5 to 2 times the weight of the machine.
- Take proper precautions for handling and lifting.

- Check if the load is properly balanced by lifting it an inch or two.
- Lift the machine, avoiding sudden accelerations or quick changes of direction.
- Locate the machine where it is to be installed, then lower slowly until it touches the floor.

## 6.4 Installation

### IMPORTANT:

Consider the following when looking for a suitable location to place the machine:

- Overall weight of the machine.
- Weight of material being processed.
- Sizes of material to be processed through the machine.
- Space needed for auxiliary stands, worktables, or other machinery.
- Clearance from walls and other obstacles.
- Maintain an adequate working area around the machine for safety.
- Have the work area well illuminated with proper lighting.
- Keep the floor free of oil and make sure it is not slippery.
- Remove scrap and waste materials regularly, and make sure the work area is free from obstructing objects.
- If long lengths of material are to be fed into the machine, make sure that they will not extend into any aisles.
- **LEVELING:** The machine should be sited on a level, concrete floor. Provisions for securing it should be in position prior to placing the machine. The accuracy of any machine depends on the precise placement of it to the mounting surface.
- **FLOOR:** This machine distributes a large amount of weight over a small area. Make certain that the floor is capable of supporting the weight of the machine, work stock, and the operator. The floor should also be a level surface. If the unit wobbles or rocks once in place, be sure to eliminate by using shims.
- **WORKING CLEARANCES:** Take into consideration the size of the material to be processed. Make sure that you allow enough space for you to operate the machine freely.
- **POWER SUPPLY PLACEMENT:** The power supply should be located close enough to the machine so that the power cord is not in an area where it would cause a tripping hazard. Be sure to observe all electrical codes if installing new circuits and/or outlets.

### 6.4.1 Anchoring the Machine

This machine is generally mounted on a bench top. If you intend to mount this machine on a workbench be aware of the following:

- Make sure the workbench is properly reinforced to support the weight.
- The strongest mounting option is where the holes are drilled all the way through the workbench and the machine is secured with bolts, washers, and nuts.

## 7.0 Electrical Connections

### CAUTION

**HAVE ELECTRICAL UTILITIES CONNECTED TO MACHINE BY A CERTIFIED ELECTRICIAN!**

**Check if the available power supply is the same as listed on the machine nameplate.**

### WARNING

**Make sure the grounding wire (green) is properly connected to avoid electric shock. DO NOT switch the position of the green grounding wire if any electrical plug wires are switched during hookup.**

### 7.1 Power Specifications

Your machine is wired for 110 volts, 60hz alternating current. Before connecting the machine to the power source, make sure the power source is OFF.

Before switching on the power, you must check the voltage and frequency of the power to see if they meet with the requirement, the allowed range for the voltage is  $\pm 5\%$ , and for the frequency is  $\pm 1\%$ .

### 7.2 Considerations

- Observe local electrical codes when connecting the machine.
- The circuit should be protected with a time delay fuse or circuit breaker with an amperage rating slightly higher than the full load current of machine.
- A separate electrical circuit should be used for your machines. Before connecting the motor to the power line, make sure the switch is in the "OFF" position and be sure that the electric current is of the same characteristics as indicated on the machine.
- All line connections should make good contact. Running on low voltage will damage the motor.
- In the event of a malfunction or breakdown, grounding provides a path of least resistance for electric current to reduce the risk of electric

shock. This machine is equipped with an electric cord having an equipment-grounding conductor and a grounding plug. The plug must be plugged into a matching outlet that is properly installed and grounded in accordance with all local codes and ordinances.

**⚠ WARNING**

In all cases, make certain the receptacle in question is properly grounded. If you are not sure, have a qualified electrician check the receptacle.

- Improper connection of the equipment-grounding conductor can result in risk of electric shock. The conductor with insulation having an outer surface that is green with or without yellow stripes is the equipment-grounding conductor. If repair or replacement of the electric cord or plug is necessary, do not connect the equipment-grounding conductor to a live terminal.
- Check with qualified electrician or service personnel if the grounding instructions are not completely understood, or if in doubt as to whether the machine is properly grounded.
- Repair or replace damaged or worn cord immediately.

**7.3 Extension Cord Safety**

Extension cord should be in good condition and meet the minimum wire gauge requirements listed below:

Table 7-1

AMP Rating	Length		
	25ft	50ft	100ft
1-12	16	16	14
13-16	14	12	12
17-20	12	12	10
21-30	10	10	No
Wire Gauge			

An undersized cord decreases line voltage, causing loss of power and overheating. All cords should use a ground wire and plug pin. Replace any damaged cords immediately.

**8.0 Operation**

**⚠ CAUTION**

Always wear proper eye protection with side shields, safety footwear, and leather gloves to protect from burrs and sharp edges.

**⚠ CAUTION**

When handling large heavy materials make sure they are properly supported.

This notcher uses replaceable hole-saws to produce quality notches in various materials at almost unlimited angles.

1. Before notching can take place, the correct hole-saw must be selected to match the material being notched.

**Note:** Only heavy duty hole saws can be used. The hole-saws with solid backing plates are best. The stamped and formed hole-saws are not rigid enough for this machine. The hole-saws simply screw onto the arbor.

2. Loosen the vise lock lever and rotate to the desired notch angle and re-tighten.



Figure 8-1

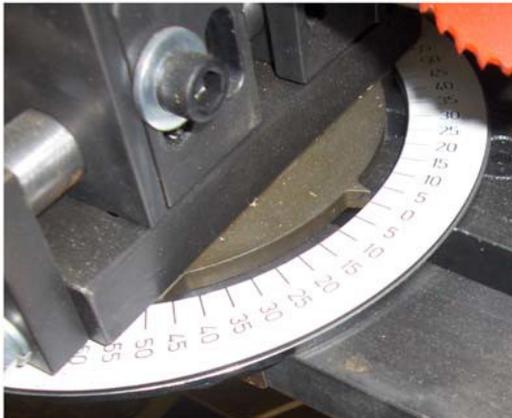


Figure 8-2

3. Select the material and insert it into the vise. Leave the minimum required material hanging beyond the vise.



Figure 8-3

4. Start the notcher with the on/off switch.
5. Grasp the feed hand wheel and SLOWLY feed the hole-saw into the tubing. Continue feeding completely through the material to complete the notch.



Figure 8-4

6. The speed of the hole-saw is fixed and is correct for most sizes.
7. If you encounter chatter, feed slower and make sure the "V" rollers have enough tension on them. The feed hand wheel should have a slight resistance set by the "V" rollers; if the rollers should loosen up they will need to be adjusted to give them some resistance.

### 8.1 Arbor Adapters

When setting up the notcher, use the correct arbor to saw adapter to fit the size and manufacturer of the hole saw being used.

Contact the Baileigh Industrial to order optional or replacement adapters.

Table 8-1

			Hole Saw End
			Arbor End
Standard Adapter. Used with most hole saws.	Reducer Adapter. Used with small hole saws.	Optional Adapter. Larger M18 end to fit certain hole saws manufacturer saws.	

## 9.0 Adjustments

Two of the rollers have an eccentric tension adjuster, they are the ones that have a hexed shaped portion beneath the "V" roller.

1. To adjust, loosen the center bolt using a 1/2" wrench, and then with another wrench to hold the hex, rotate the hex slightly and the roller will either tighten or loosen as the hex eccentric is turned.
2. Give it a little tension and tighten the center screw, try the feed handwheel and check the resistance. The rollers should NOT be able to rotate by hand, that would be too loose.



Figure 9-1

**Note:** Proper maintenance can increase the life expectancy of your machine.

## 10.0 Maintenance

### **⚠ WARNING**

Make sure the electrical disconnect is OFF before working on the machine.

### **⚠ WARNING**

Maintenance should be performed on a regular basis by qualified personnel.

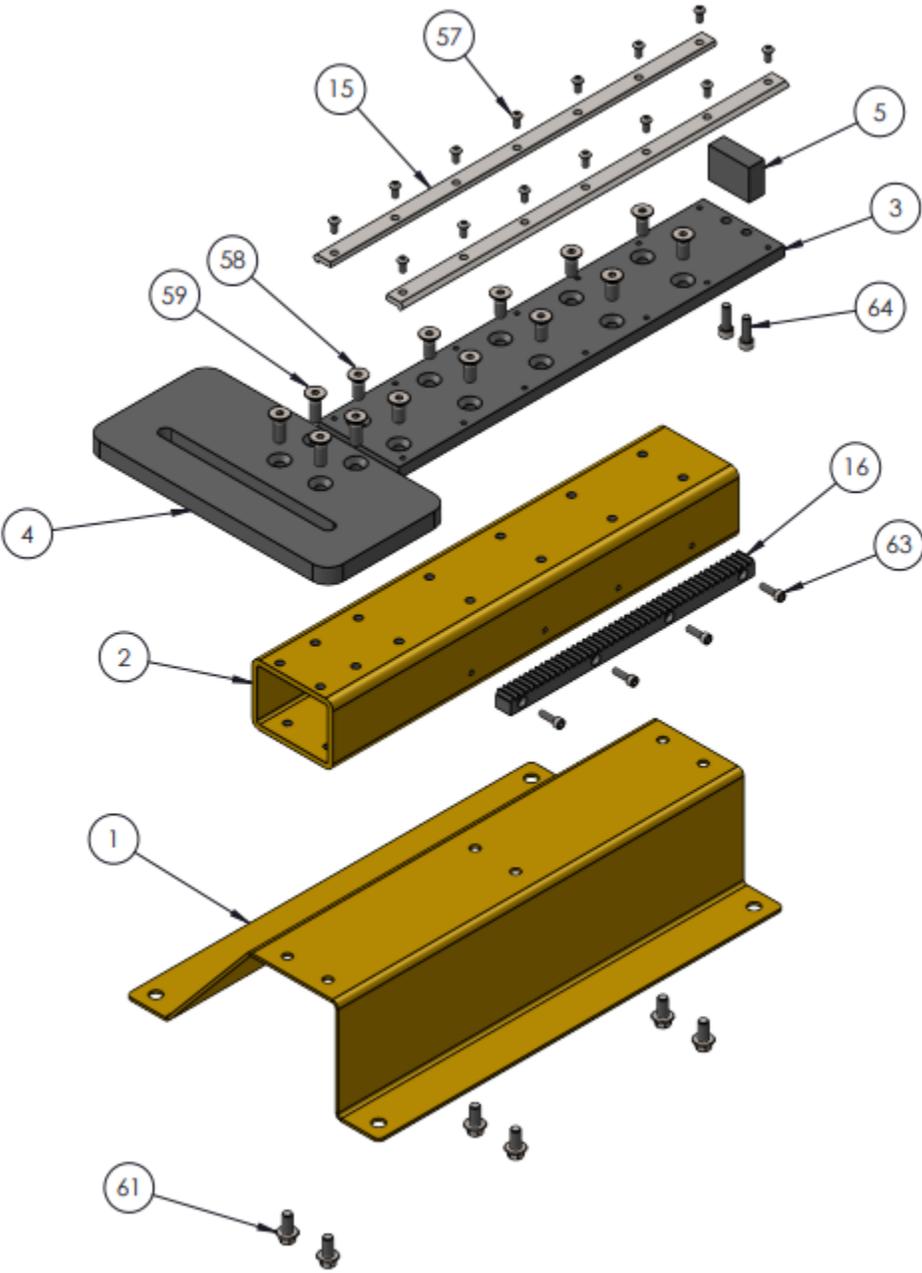
### **⚠ WARNING**

Always follow proper safety precautions when working on or around any machinery.

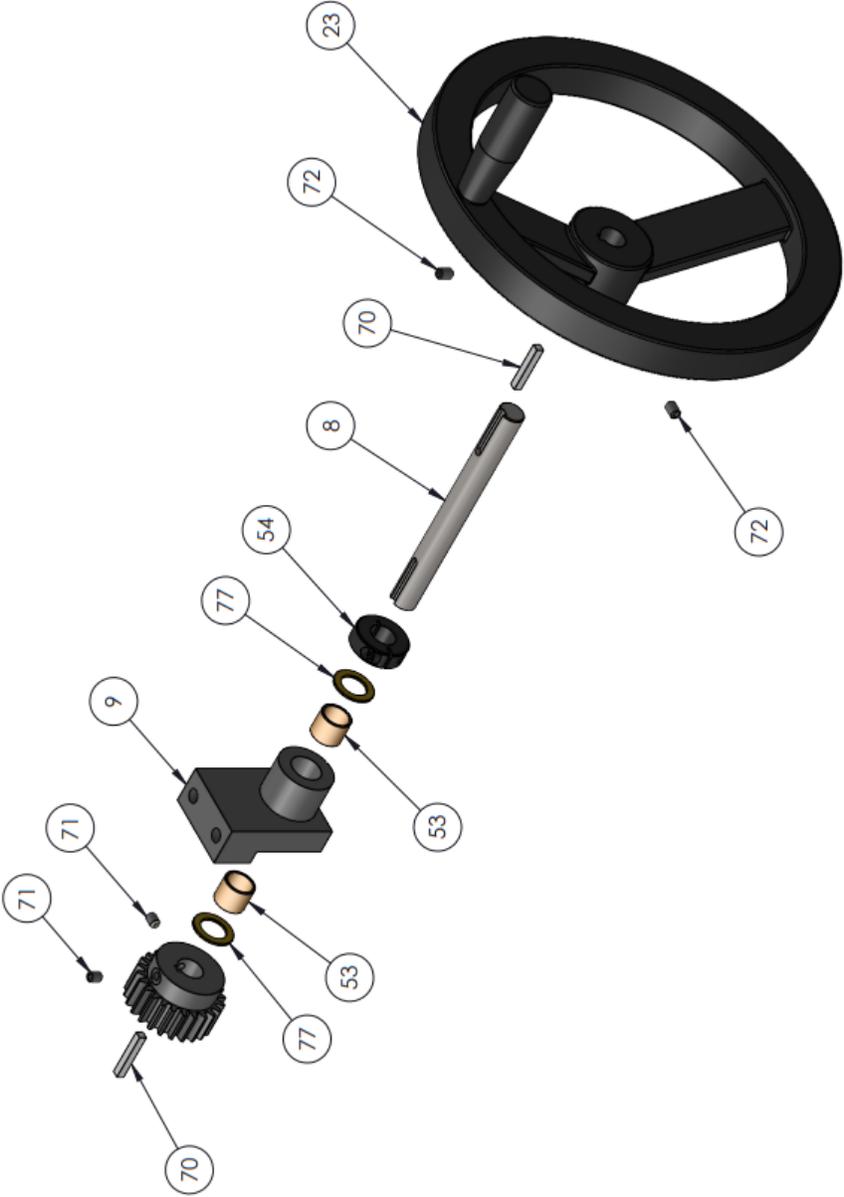
- Check daily for any unsafe conditions and fix immediately.
- Check that all nuts and bolts are properly tightened.
- On a weekly basis clean the machine and the area around it.
- Lubricate threaded components and sliding devices.
- Apply rust inhibitive lubricant to all non-painted surfaces.

# 11.0 Replacement Parts

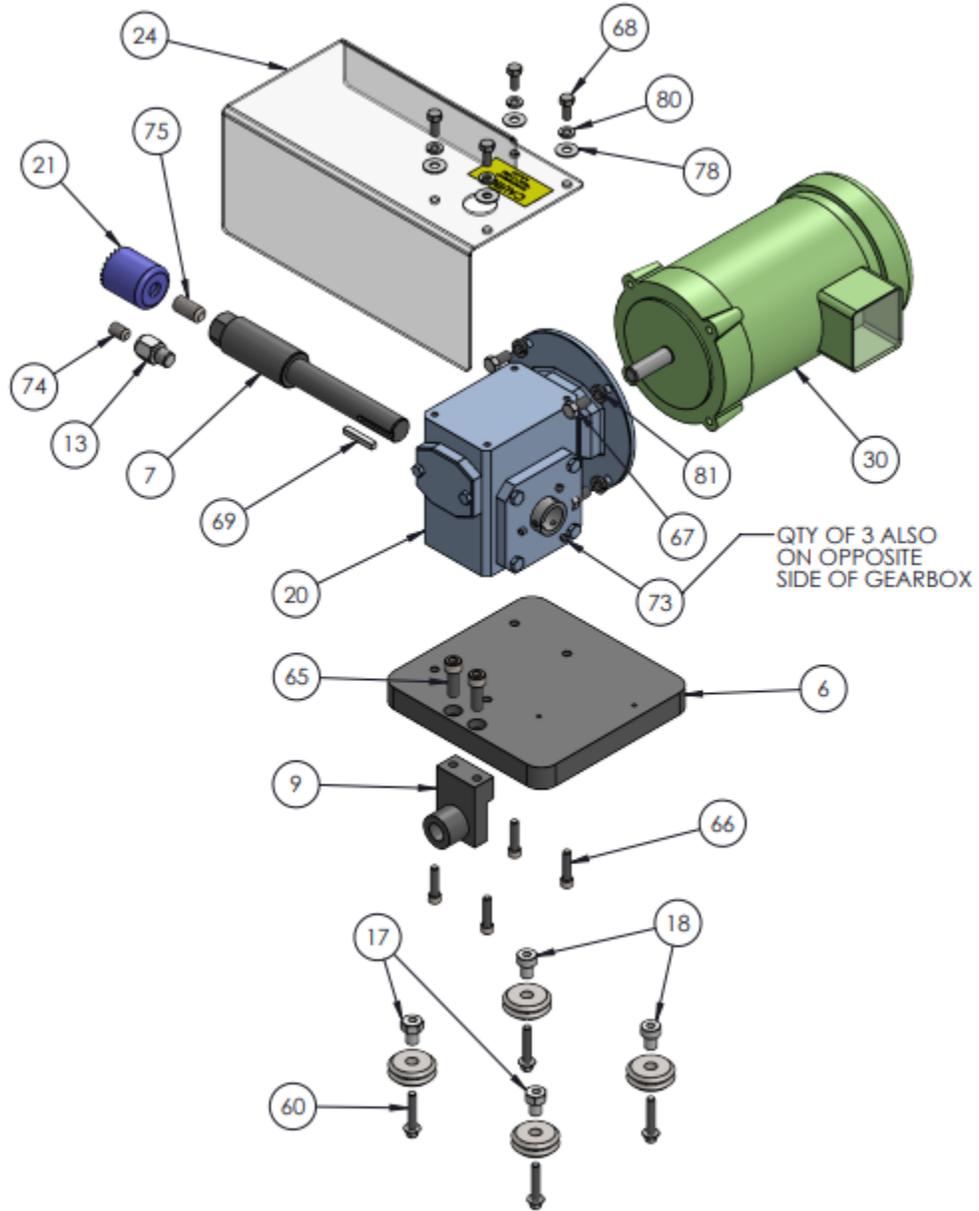
## 11.1.1 Main Tube and Stand Assembly – Exploded View



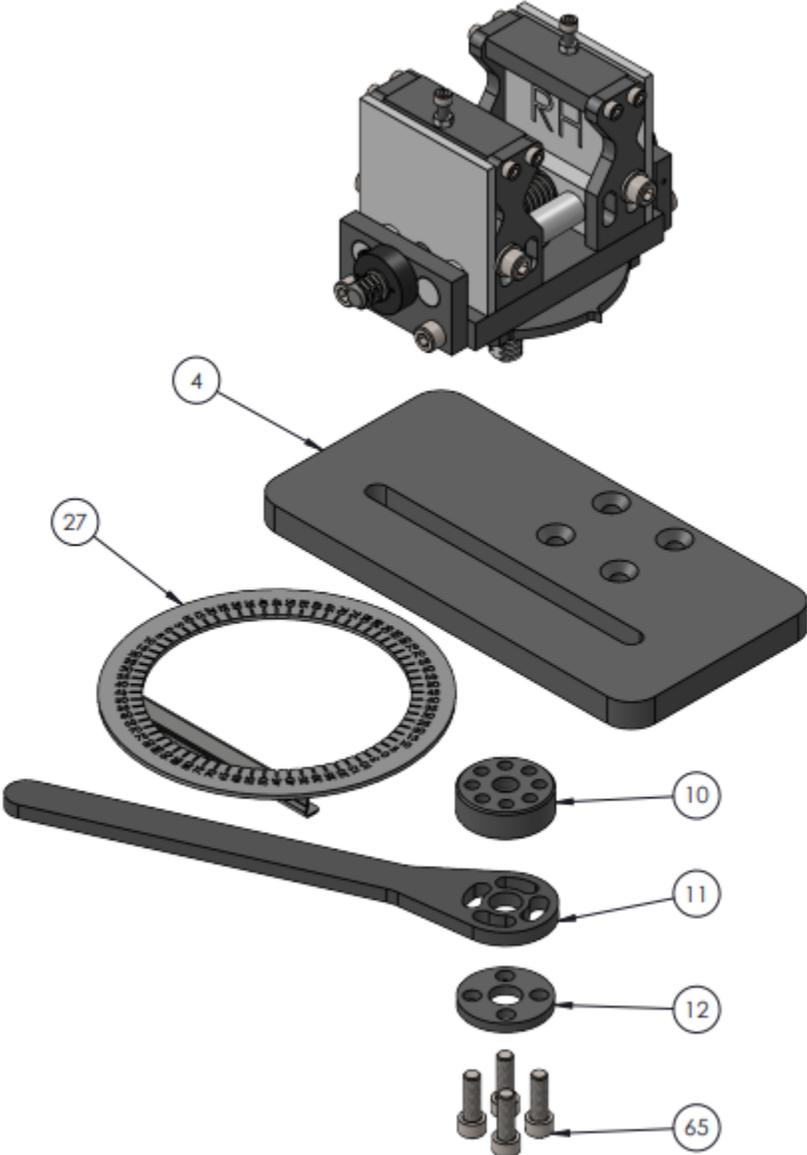
11.1.2 Handwheel Assembly – Exploded View



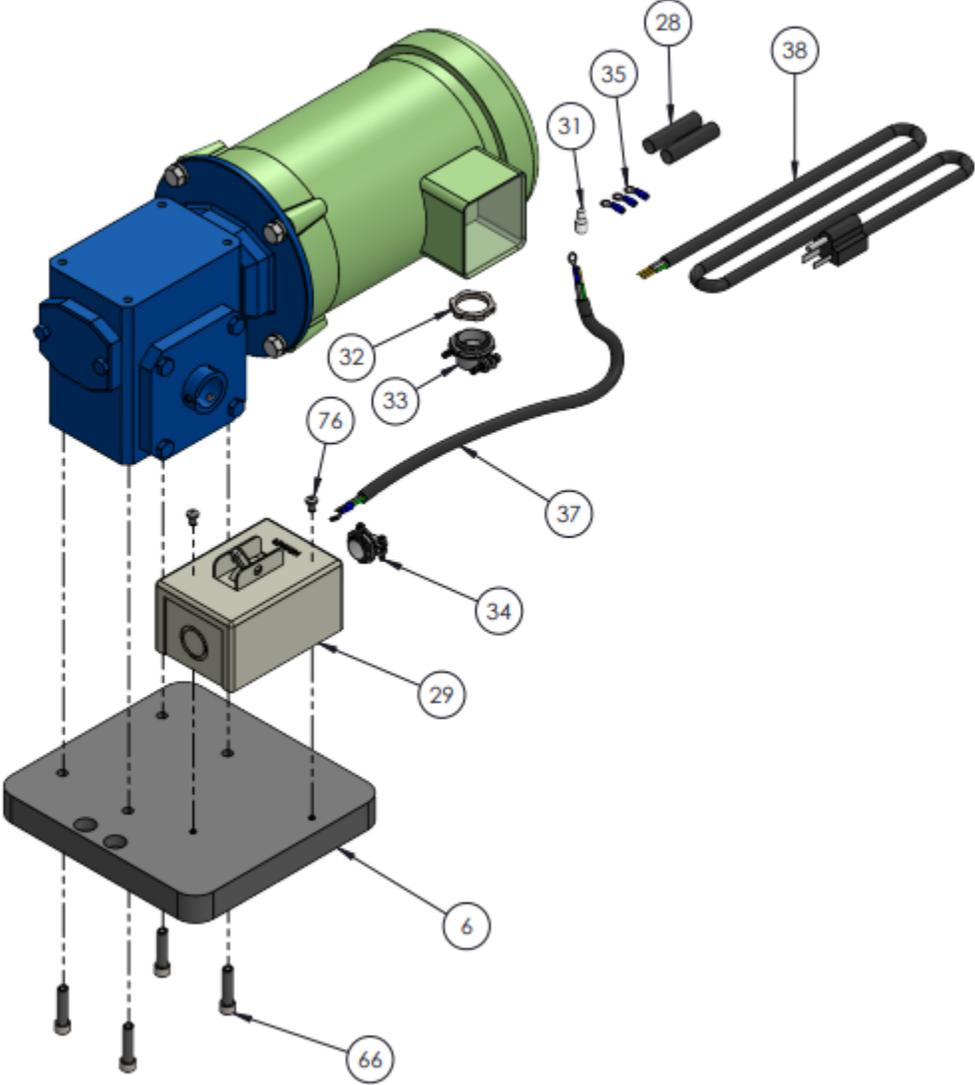
### 11.1.3 Roller Base Assembly – Exploded View



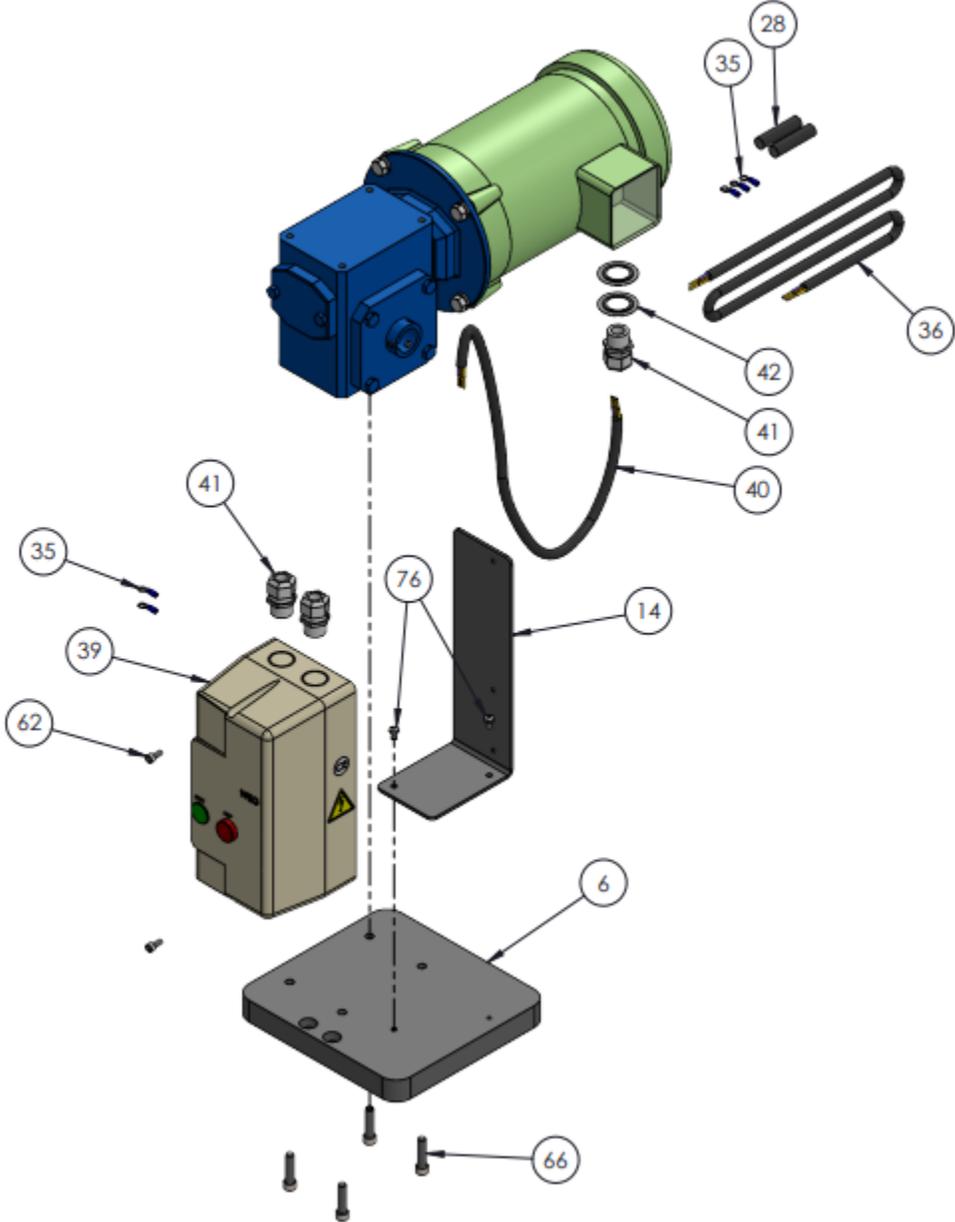
11.1.4 Vice Lock Assembly – Exploded View



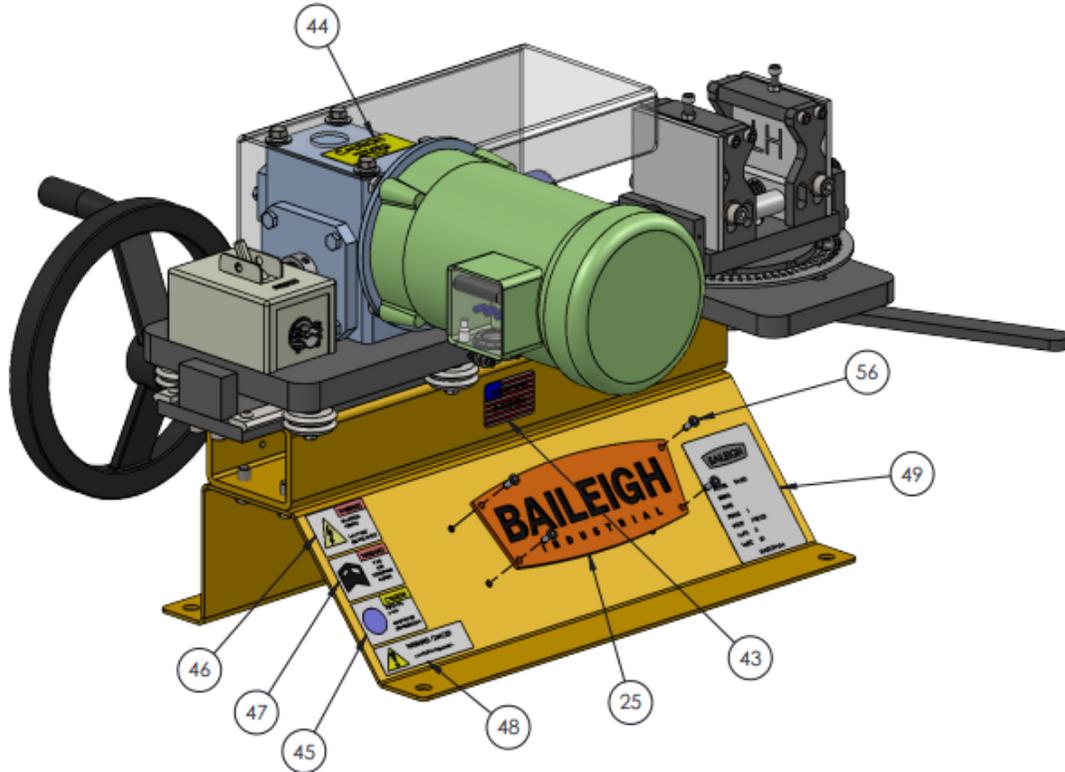
11.1.5 Electrical Assembly (U.S) – Exploded View



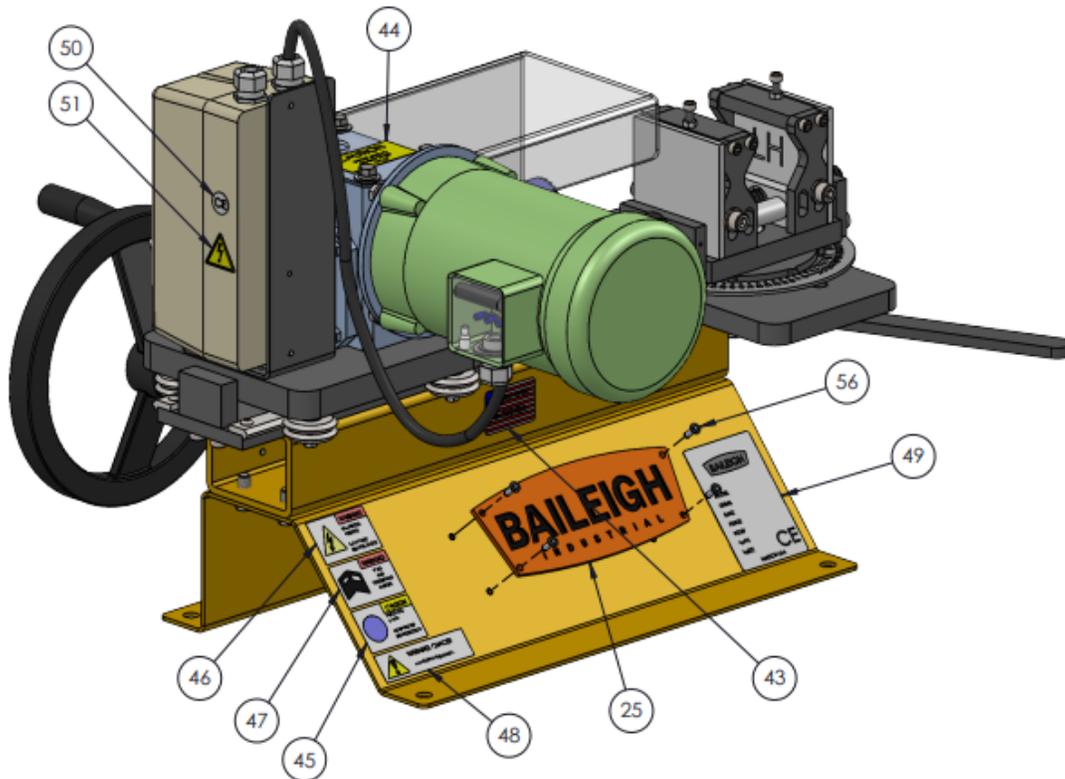
11.1.6 Electrical Assembly (CE) - Exploded View



### 11.1.7 U.S. Stickers and Logos – Exploded View



### 11.1.8 CE Stickers and Logos – Exploded View

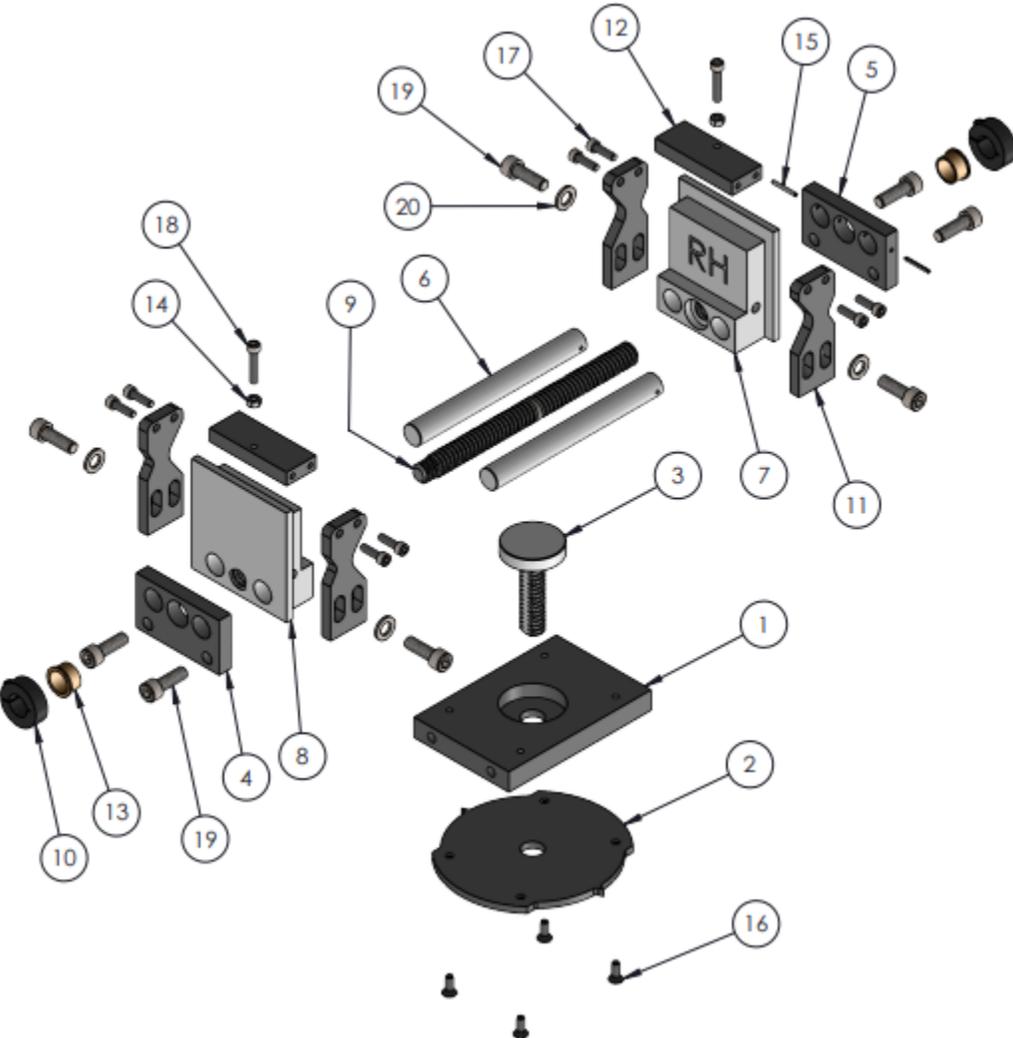


## 11.1.9 TN-300 Assembly – Parts List

Index No	Part No	Description	Size	Qty	
1	BA9-M6006A007	STAND		1	
2	BA9-MEM6006A001	MAIN TUBE		1	
3	BA9-MEM6006A003	TRACK MOUNT		1	
4	BA9-ME6006A005	SLIDE PLATE		1	
5	BA9-MEM6006A017	STOP BLOCK		1	
6	BA9-MEM6006A004	GEAR BOX PLATE		1	
7	BA9-MEM6007A001	SAW ARBOR		1	
8	BA9-M6007A003	AXLE SHAFT		1	
9	BA9-MEM6006A006	SHAFT MOUNT		1	
10	BA9-MEM9006A042	WISE LOCK NUT		1	
11	BA9-MEM9006A040	LOCK LEVER		1	
12	BA9-MEM9006A041	LOCK CAP		1	
13	BA9-M6007A006	ARBOR ADAPTER		1	
14	BA9-MEM6006A028	CE SWITCH BRACKET		1	
15	BA9-M6006A026	VEE TRACK	19" LONG	2	
16	BA9-MEM6006A009	GEAR RACK		1	
17	BA9-PP0202	ADJUSTING BUSHING	WX3	2	
18	BA9-PP0203	NON ADJUSTING BUSHING	WX3	2	
19	BA9-PP0201	V-ROLLER		4	
20	BA9-PP0962	GEARBOX	M600	1	
21	BA9-PP0971	HOLESAW	1-3/4 DIA.	1	
22	BA9-MEM6007A004	GEAR	24 TOOTH	1	
23	BA9-PP1031	HANDWHEEL	10" (.625 BORE)	1	
24	BA9-M6006A008	LEXAN GUARD		1	
25	BA9-PP1912	LOGO PLATE	9"	1	
26	BA9-PP0555	FIXED T-HANDLE	16MM (5/8")	1	
27	BA9-M6005A002	DEGREE DIAL		1	
28	BA9-PP1086	HEAT SHRINK TUBING	1/2" DIA (2" LG)	2	
29	BA9-PP0152	ON/OFF SWITCH (U.S.)		1	
30	BA9-PP1074	1-PHASE MOTOR	1/2 HP	1	
31	BA9-PP2073	22-12 AWG CRIMP CONNECTOR		1	
32	BA9-PP0474	CORD CLAMP LOCKNUT	3/4"	1	
33	BA9-PP1187	CORD CLAMP ASSEMBLY	3/4"	1	
34	BA9-PP0411	CORD CLAMP ASSEMBLY	1/2"	1	
35	CM9-BS0191	#10 BLUE INSUL. TERM. RING 16-14		5	
36	BA9-PP1010	CE POWER CORD	M600 3G1.5,10FT LG.	1	
37	BA9-M600	MOTORCORD	MOTOR CORD ASSEMBLY	M600	1
38	BA9-PP1007	POWER CORD	M600	1	
39	BA9-PP1295	ON/OFF SWITCH	M600 CE 230V	1	
40	BA9-PP1010	CE MOTOR CORD	32" LONG, 3G1.5	1	
41	BA9-PP0023	STRAIGHT CORD GRIP	5/16	3	
42	BA9-PP0449	REDUCING WASHER	3/4 X 1/2	2	
43	BA9-PP0260	"PROUDLY MADE IN USA" STICKER		1	
44	BA9-PP0199	CAUTION: GAURDS STICKER		1	
45	BA9-PP1905	CAUTION: EYE PROTECTION STICKER		1	
46	BA9-PP1908	WARNING: HAZARD VOLTAGE STICKER		1	
47	BA9-PP1904	WARNING: READ MANUAL STICKER		1	
48	BA9-PP2260	WARNING: P65 CANCER STICKER		1	
49	BA9-PP2093	ID TAG	M600 (TN300)	1	
50	BA9-PP1793	ROUND "CE" STICKER	3/4"	1	
51	BA9-PP0737	TRIANGLE VOLTAGE STICKER	1-1/4"	1	
52	BA9-PP2094	BLANK ID TAG, CE		1	
53	BA9-PP0997	LONG BUSHING	3/4 OD X 5/8 ID X 5/8	2	
54	BA9-PP0958	CLAMP COLLAR, BLK OXIDE	5/8"	1	
55	CM9-BS0150	HEX HEAD LAG BOLT, SILV ZINC	1/2" X 2"	4	
56	BA9-PP0487	ALUM. POP RIVET	3/16"	4	
57	CM9-BSM0138	BSHCS, BLK OXIDE	M6 X 1.0 X 12		
			GR. 12.9	14	

Index No	Part No	Description	Size	Qty
58	CM9-BSM0133	FHCS, BLK OXIDE	M10 X 1.5 X 25 GR. 12.9	10
59	CM9-BSM0139	FHCS, BLK OXIDE	M10 X 1.5 X 30 GR. 12.9	4
60	CM9-BSM0054	HEX FLG, SILV ZINC	M8 X 1.25 X 40 , GR. 10.9	4
61	CM9-BSM0058	HEX FLG, SILV ZINC	M10 X 1.5 X 20 , GR. 10.9	6
62	CM9-BSM0115	SHCS, BLK OXIDE	M5 X 0.8 X 12 , GR. 12.9	2
63	CM9-BSM0002	SHCS, BLK OXIDE	M6 X 1.0 X 20 , GR. 12.9	4
64	CM9-BSM0009	SHCS, BLK OXIDE	M8 X 1.25 X 25 , GR. 12.9	2
65	CM9-BSM0016	SHCS, BLK OXIDE	M10 X 1.5 X 30 , GR. 12.9	6
66	CM9-BS0171	SHCS, BLK OXIDE	5/16-18 X 1-1/4 , GR. 8	4
67	CM9-BS0114	HEX HD, SILV ZINC	3/8-16 X 3/4 , GR. 5	4
68	CM9-BS0039	HEX HD, SILV ZINC	5/16-18 X 3/4 , GR. 5	4
69	BA9-PP2234	KEYSTOCK	1/4" X 1-1/2"	1
70	BA9-PP2235	KEYSTOCK	3/16" X 1-1/4"	2
71	CM9-BSM0084	CUP PT. SS, BLK OXIDE	M6 X 1.0 X 8 , GR. 12.9	2
72	CM9-BS0063	CUP PT. SS, BLK OXIDE	1/4-20 X 3/8 , GR. 8	2
73	CM9-BS0340	CUP PT. SS, BLK OXIDE	1/4-20 X 1/4 , GR. 8	6
74	CM9-BS0066	CUP PT. SS, BLK OXIDE	1/2-20 X 3/4 , GR. 8	1
75	CM9-BS0261	CUP PT. SS, BLK OXIDE	5/8-18 X 1-1/4 , GR. 8	1
76	CM9-BSM0205	PPHMS, SILV ZINC	M5 X 0.8 X 8	2
77	BA9-PP0168	TK THRUST WASHER	.625 ID X 1.0 OD X .063	2
78	CM9-BS0082	FLAT WASHER, SILV ZINC	5/16" , GR. 5	4
79	CM9-BS0085	FLAT WASHER, SILV ZINC	1/2" , GR. 5	4
80	CM9-BS0073	LOCK WASHER, SILV ZINC	5/16" , GR. 5	4
81	CM9-BS0074	LOCK WASHER, SILV ZINC	3/8" , GR. 5	4

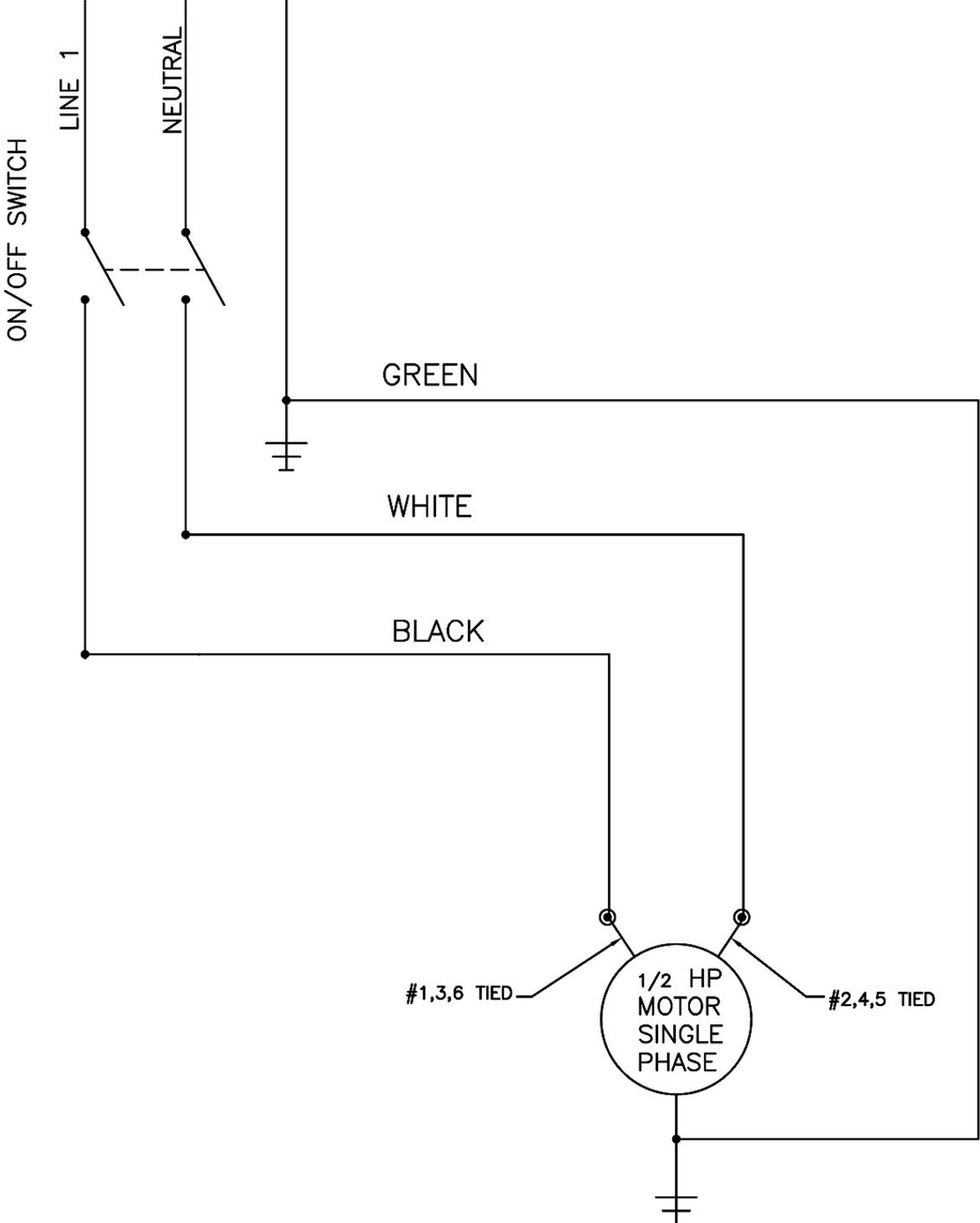
11.1.10 Vise Assembly – Exploded View



### 11.1.11 Vice Assembly – Parts List

Index No	Part No	Description	Size	Qty
1	BA9-MEM9006A047	WISE BASE		1
2	BA9-MEM9006A052	POINTER DISC		1
3	BA9-M9007A011	WISE LOCK STUD		1
4	BA9-M9006A075	WISE SHAFT SUPPORT		1
5	BA9-M9006A048	WISE SHAFT SUPPORT (W/PIN HOLES)		1
6	BA9-M9007A014	WISE SLIDE SHAFT		2
7	BA9-MEM9006A049	WISE SLIDE BLOCK (R.H.)		1
8	BA9-MEM9006A055	WISE SLIDE BLOCK (L.H.)		1
9	BA9-M9007A012	DOUBLE WISE SCREW		1
10	BA9-PP0090	CLAMP COLLAR, BLK OXIDE	3/4"	2
11	BA9-MEM9006A050	DUAL WISE JAW		4
12	BA9-MEM9006A051	WISE CROSS BAR		2
13	BA9-PP0659	LG FLANGED BUSHING	0.75 ID X 0.875 OD X 0.5	2
14	CM9-BSM0182	HEX NUT, SILV ZINC, GR. 8.8	M6 X 1.0	2
15	CM9-BS0088	SPLIT PIN	1/8" X 1"	2
16	CM9-BSM0122	FHCS, BLK OXIDE, GR. 12.9	M6 X 1.0 X 16	4
17	CM9-BSM0002	SHCS, BLK OXIDE, GR. 12.9	M6 X 1.0 X 20	8
18	CM9-BSM0004	SHCS, BLK OXIDE, GR. 12.9	M6 X 1.0 X 30	2
19	CM9-BSM0016	SHCS, BLK OXIDE, GR. 12.9	M10 X 1.5 X 30	8
20	CM9-BSM0089	FLAT WASHER, SILV ZINC, GR. 8.8	M10	4

# 12.0 Wiring Diagram



## 13.0 Warranty and Service

Thank you for your purchase of a machine from Baileigh Industrial. We hope that you find it productive and useful to you for a long time to come.

**Inspection & Acceptance.** Buyer shall inspect all Goods within ten (10) days after receipt thereof. Buyer's payment shall constitute final acceptance of the Goods and shall act as a waiver of the Buyer's rights to inspect or reject the Goods unless otherwise agreed. If Buyer rejects any merchandise, Buyer must first obtain a Returned Goods Authorization ("RGA") number before returning any Goods to Seller. Goods returned without an RGA will be refused. Seller will not be responsible for any freight costs, damages to Goods, or any other costs or liabilities pertaining to Goods returned without an RGA. Seller shall have the right to substitute a conforming tender. Buyer will be responsible for all freight costs to and from Buyer and repackaging costs, if any, if Buyer refuses to accept shipment. If Goods are returned in unsalable condition, Buyer shall be responsible for full value of the Goods. Buyer may not return any special-order Goods. Any Goods returned hereunder shall be subject to a restocking fee equal to 30% of the invoice price.

**Specifications.** Seller may, at its option, make changes in the designs, **specifications**, or components of the Goods to improve the safety of such Goods, or if in Seller's judgment, such changes will be beneficial to their operation or use. Buyer may not make any changes in the specifications for the Goods unless Seller approves of such changes in writing, in which event Seller may impose additional charges to implement such changes.

**Limited Warranty.** Seller warrants to the original end-user that the Goods manufactured or provided by Seller under this Agreement shall be free of defects in material or workmanship for a period of twelve (12) months from the date of purchase, provided that the Goods are installed, used, and maintained in accordance with any instruction manual or technical guidelines provided by the Seller or supplied with the Goods, if applicable. The original end-user must give written notice to Seller of any suspected defect in the Goods prior to the expiration of the warranty period. The original end-user must also obtain an RGA from Seller prior to returning any Goods to Seller for warranty service under this paragraph. Seller will not accept any responsibility for Goods returned without an RGA. The original end-user shall be responsible for all costs and expenses associated with returning the Goods to Seller for warranty service. In the event of a defect, Seller, at its sole option, shall repair or replace the defective Goods or refund to the original end-user the purchase price for such defective Goods. Goods are not eligible for replacement or return after a period of 10 days from date of receipt. The foregoing warranty is Seller's sole obligation, and the original end-user's exclusive remedy, with regard to any defective Goods. This limited warranty does not apply to: (a) die sets, tooling, and saw blades; (b) periodic or routine maintenance and setup, (c) repair or replacement of the Goods due to normal wear and tear, (d) defects or damage to the Goods resulting from misuse, abuse, neglect, or accidents, (f) defects or damage to the Goods resulting from improper or unauthorized alterations, modifications, or changes; and (f) any Goods that has not been installed and/or maintained in accordance with the instruction manual or technical guidelines provided by Seller.

**EXCLUSION OF OTHER WARRANTIES.** THE FOREGOING LIMITED WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. ANY AND ALL OTHER EXPRESS, STATUTORY, OR IMPLIED WARRANTIES, INCLUDING BUT NOT LIMITED TO, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE ARE EXPRESSLY DISCLAIMED. NO WARRANTY IS MADE WHICH EXTENDS BEYOND THAT WHICH IS EXPRESSLY CONTAINED HEREIN.

**Limitation of Liability.** IN NO EVENT SHALL SELLER BE LIABLE TO BUYER OR ANY OTHER PARTY FOR ANY INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES (INCLUDING, WITHOUT LIMITATION, LOST PROFITS OR DOWN TIME) ARISING FROM OR IN MANNER CONNECTED WITH THE GOODS, ANY BREACH BY SELLER OR ITS AGENTS OF THIS AGREEMENT, OR ANY OTHER CAUSE WHATSOEVER, WHETHER BASED ON CONTRACT, TORT OR ANY OTHER THEORY OF LIABILITY. BUYER'S REMEDY WITH RESPECT TO ANY CLAIM ARISING UNDER THIS AGREEMENT IS STRICTLY LIMITED TO NO MORE THAN THE AMOUNT PAID BY THE BUYER FOR THE GOODS.

**Force Majeure.** Seller shall not be responsible for any delay in the delivery of, or failure to deliver, Goods due to causes beyond Seller's reasonable control including, without limitation, acts of God, acts of war or terrorism, enemy actions, hostilities, strikes, labor difficulties, embargoes, non-delivery or late delivery of materials, parts and equipment or transportation delays not caused by the fault of Seller, delays caused by civil authorities, governmental regulations or orders, fire, lightning, natural disasters or any other cause beyond Seller's reasonable control. In the event of any such delay, performance will be postponed by such length of time as may be reasonably necessary to compensate for the delay.

**Installation.** If Buyer purchases any Goods that require installation, Buyer shall, at its expense, make all arrangements and connections necessary to install and operate the Goods. Buyer shall install the Goods in accordance with any Seller instructions and shall indemnify Seller against any and all damages, demands, suits, causes of action, claims and expenses (including actual attorneys' fees and costs) arising directly or indirectly out of Buyer's failure to properly install the Goods.

**Work By Others; Safety Devices.** Unless agreed to in writing by Seller, Seller has no responsibility for labor or work performed by Buyer or others, of any nature, relating to design, manufacture, fabrication, use, installation, or provision of Goods. Buyer is solely responsible for furnishing and requiring its employees and customers to use all safety devices, guards and safe operating procedures required by law and/or as set forth in manuals and instruction sheets furnished by Seller. Buyer is responsible for consulting all operator manuals, ANSI or comparable safety standards, OSHA regulations and other sources of safety standards and regulations applicable to the use and operation of the Goods.

**Remedies.** Each of the rights and remedies of Seller under this Agreement is cumulative and in addition to any other or further remedies provided under this Agreement or at law or equity.

**Attorney's Fees.** In the event legal action is necessary to recover monies due from Buyer or to enforce any provision of this Agreement, Buyer shall be liable to Seller for all costs and expenses associated therewith, including Seller's actual attorney fees and costs.

**Governing Law/Venue.** This Agreement shall be construed and governed under the laws of the State of Wisconsin, without application of conflict of law principles. Each party agrees that all actions or proceedings arising out of or in connection with this Agreement shall be commenced, tried, and litigated only in the state courts sitting in Manitowoc County, Wisconsin or the U.S. Federal Court for the Eastern District of Wisconsin. Each party waives any right it may have to assert the doctrine of "forum non conveniens" or to object to venue to the extent that any proceeding is brought in accordance with this section. Each party consents to and waives any objection to the exercise of personal jurisdiction over it by courts described in this section. Each party waives to the fullest extent permitted by applicable law the right to a trial by jury.

**Summary of Return Policy:**

- 10 Day acceptance period from date of delivery. Damage claims and order discrepancies will not be accepted after this time.
- You must obtain a Baileigh Industrial issued RGA number PRIOR to returning any materials.
- Returned materials must be received at Baileigh Industrial in new condition and in original packaging.
- Altered items are not eligible for return.
- Buyer is responsible for all shipping charges.
- A 30% re-stocking fee applies to all returns.

Baileigh Industrial makes every effort to ensure that our posted specifications, images, pricing, and product availability are as correct and timely as possible. We apologize for any discrepancies that may occur. Baileigh Industrial reserves the right to make any and all changes deemed necessary in the course of business including but not limited to pricing, product specifications, quantities, and product availability.

**For Customer Service & Technical Support:**

Please contact one of our knowledgeable Sales and Service team members at:  
(920) 684-4990 or e-mail us at [Baileigh-Service@jpwindustries.com](mailto:Baileigh-Service@jpwindustries.com)







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