

*Patty-O-Matic, Inc.*<sup>®</sup>  
THE WORLD'S FINEST FOOD MACHINES

## Model PaceSetter

### Owner's Manual

Revised January 2011



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MADE IN THE



U.S.A.

**Model PaceSetter Owner's Manual**  
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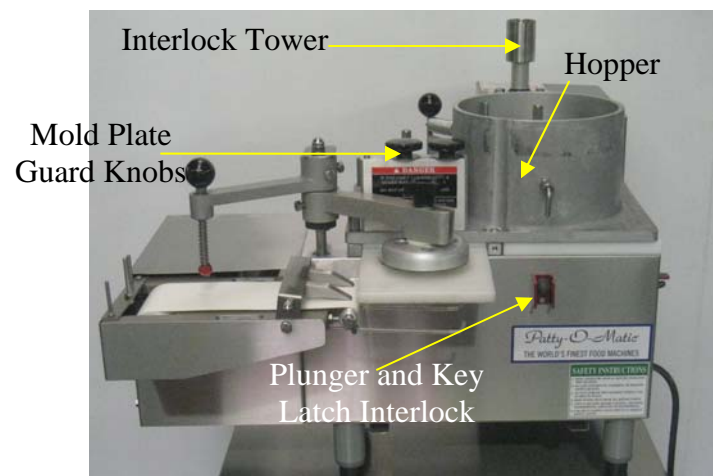
Thank you and congratulations on the purchase of your new PaceSetter Patty Molding Machine from Patty-O-Matic, Inc! The PaceSetter will form, interleave paper between each patty, and stack patties. This machine is designed for ease of operation and cleaning. Please become familiar with this manual and your machine will give you years of service.

The PaceSetter is shipped to you in at least two cartons which contain the patty machine, feed tray, mold plate guard, riser platform, parts box, receiving table, and this manual. If you purchased your machine with any other accessories, such as a mobile table or patty paper, these items may be in a separate carton. The parts box that comes with the machine should include a bottle of machine lubricant, a speed driver, samples of patty paper, and a spare parts kit.

Your machine is equipped with two interlocks. One is located on the front of the machine and one is located on the top of the machine. The Mold Plate Guard must be installed on the machine to engage the interlock on the front of the machine, and the Feed Tray including the Guard must be installed on top of the Hopper to engage the interlock on top of the machine.

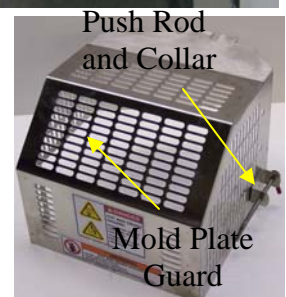
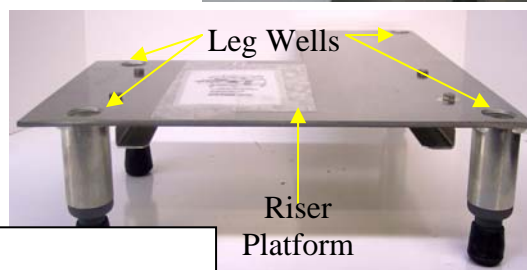
#### **Installing the Mold Plate Guard**

Loosen Guard Knobs on the hopper and slip Mold Plate Guard under the fender washers located under the knobs. Tighten down on Guard Knobs. To Activate the interlock switch, slide push rod against the plunger, inside the keylatch, and turn rod to the right. This will lock the push rod in place and activate your interlock switch.



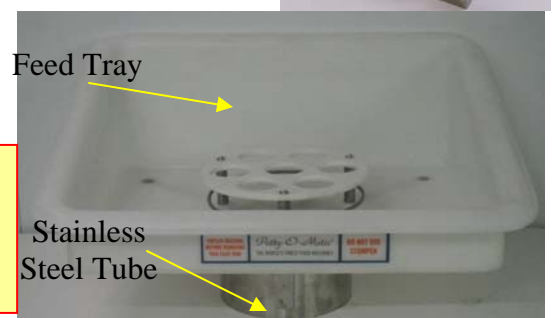
#### **Installing Machine onto Riser Platform**

Place machine on the riser platform making sure the 4 legs of the machine go into the 4 leg wells on the Riser Platform. The Picture shown shows the front view of the Riser Platform.



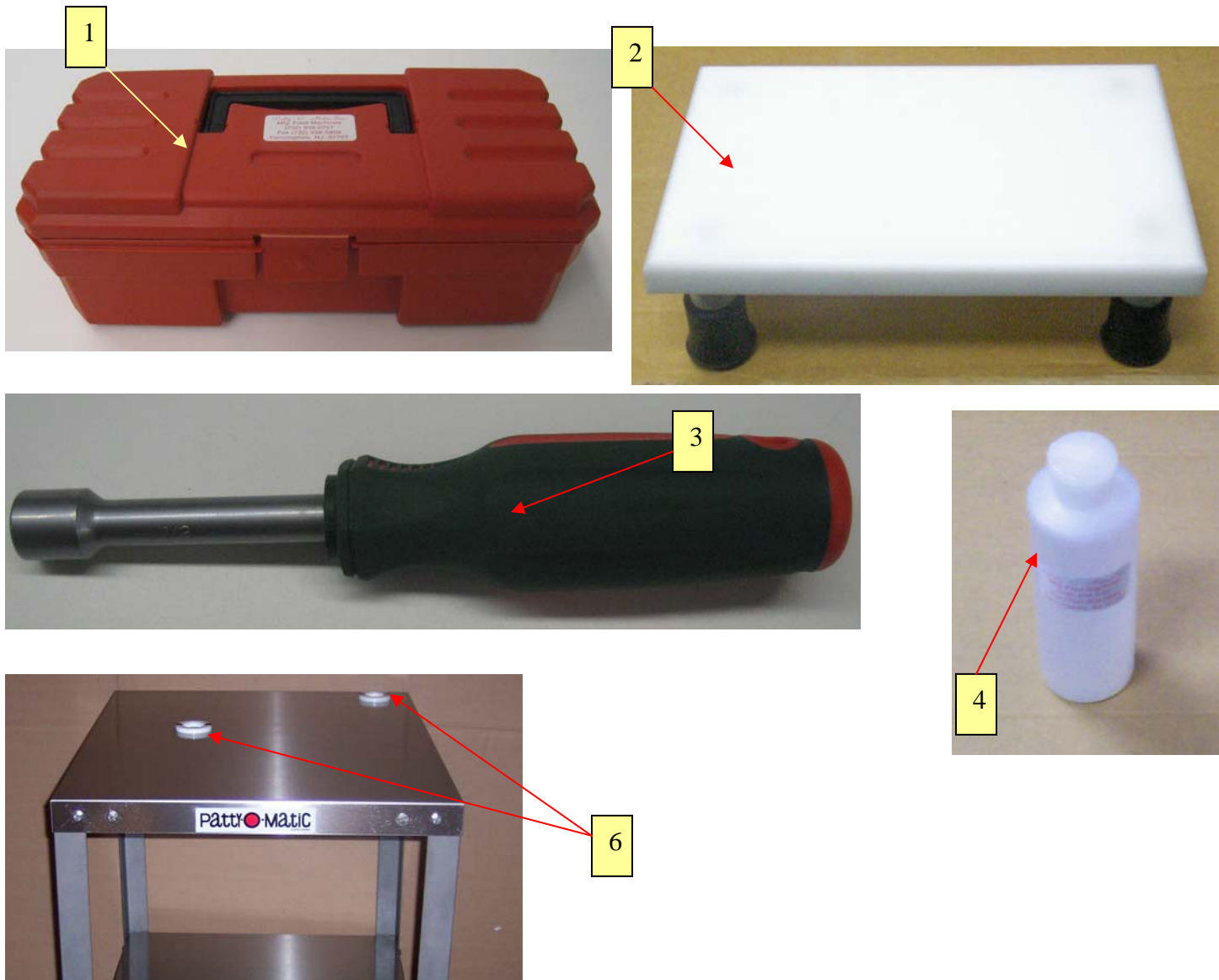
#### **Installing the Feed Tray**

Place stainless steel tube of Feed Tray over the hopper. The Tray will push down on the Safety Interlock Tower located on the top of the Machine. The picture shows one of the many available Feed Trays.



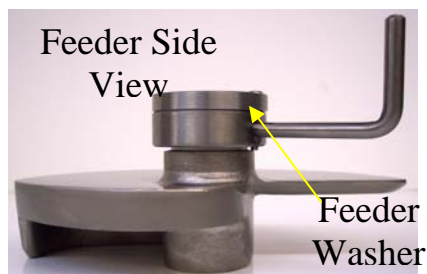
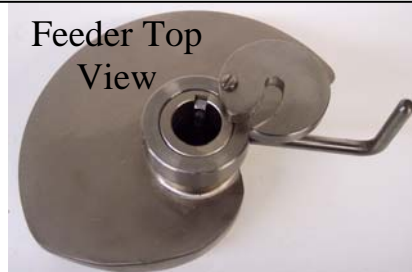
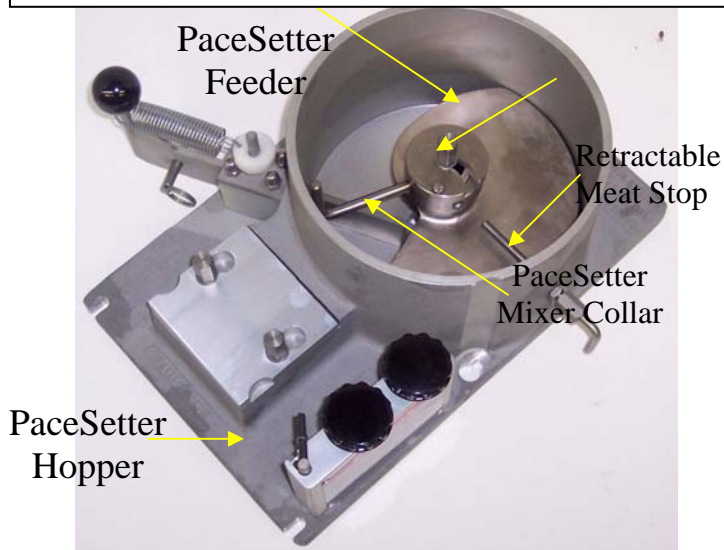
**DO NOT ATTEMPT TO OVERRIDE INTERLOCKS OR RUN THIS MACHINE WITHOUT THE FEED TRAY AND THE MOLD PLATE GUARD IN THEIR PLACE!! FAILURE TO DO SO COULD RESULT IN SERIOUS BODILY INJURIES!!**

## Accessories Equipped with the Model 330A



<u>Item#</u>	<u>Description</u>	<u>Part #</u>
1	Spare Parts Box	655
↙	Holds Spare Parts, Patty Paper Sample, Machine Lubricant, Speed Driver, and Locator Rings	
2	Receiving Table	609-6
3	Speed Driver	544
4	Bottle of Machine Lubricant and Cleaner	600
5	Gallon of Machine Lubricant(Separate Order Only)	600A
6	Machine Locator Rings	610-2

Please become familiar with these parts of the machine prior to operating



Mold Plate Assembly Side View



Double Seal Spacer Plate Top View



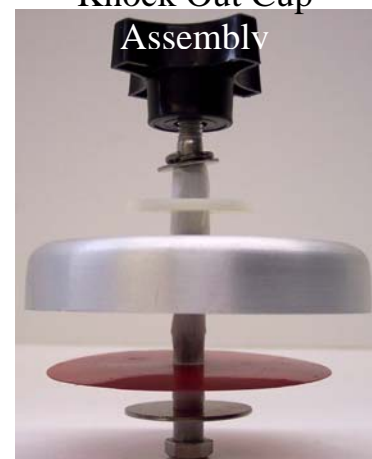
Mold Plate Assembly Underside View



Ring Pin Pressure Plate



Knock Out Cup Assembly



Quick Feed Feed Tray Guard

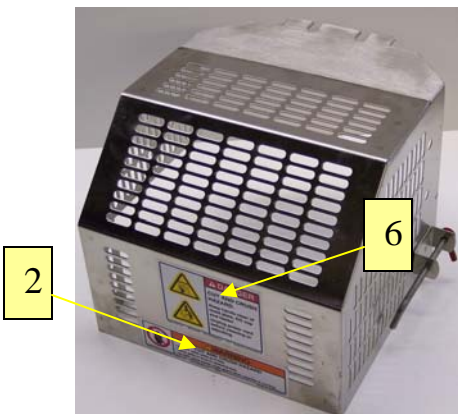
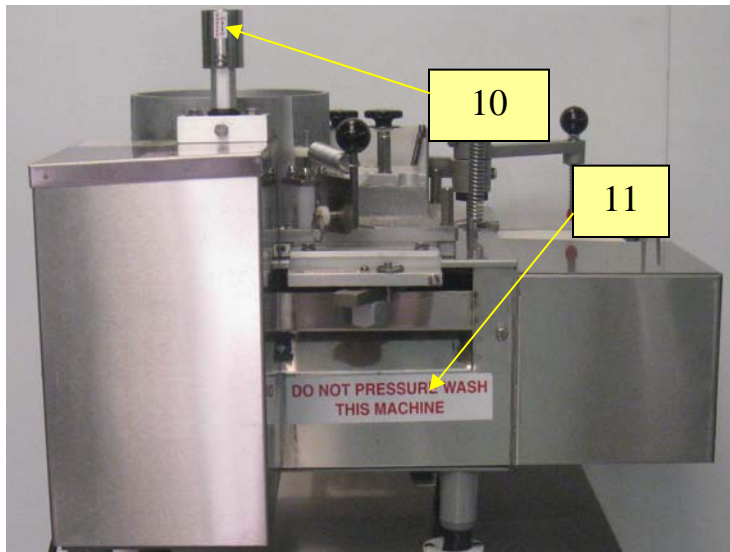
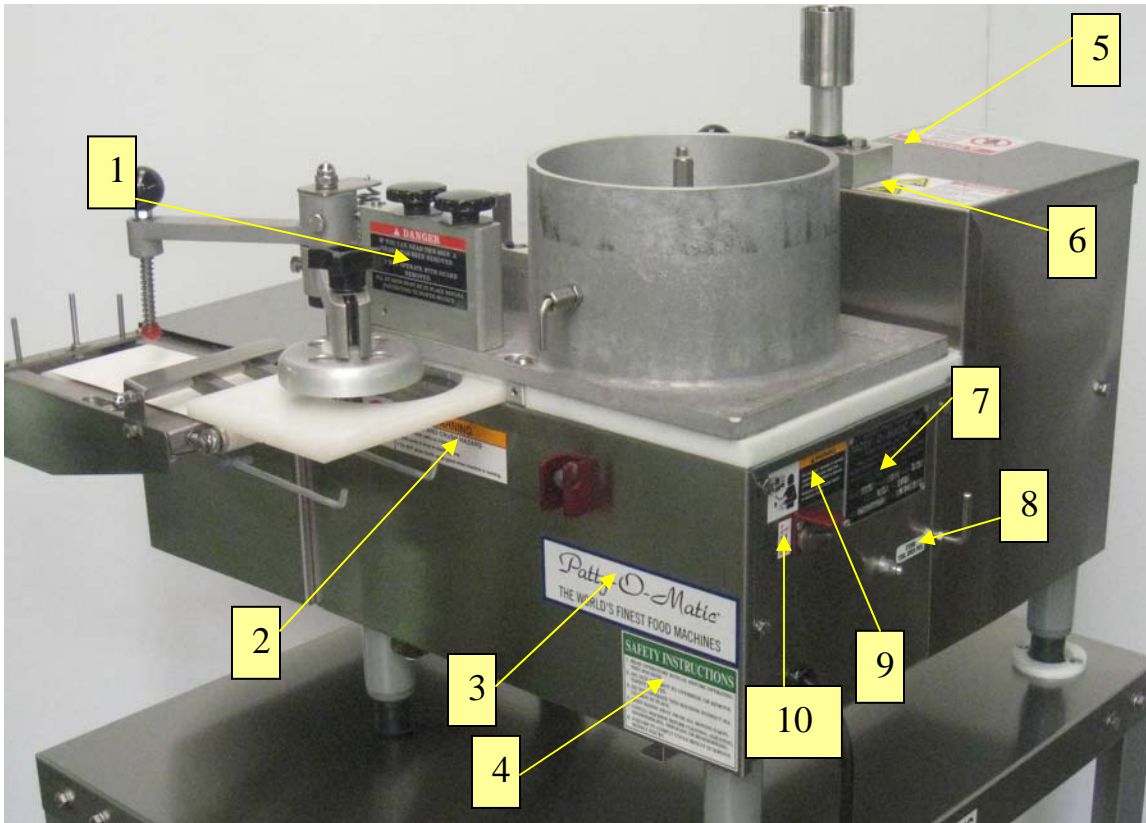




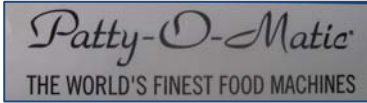





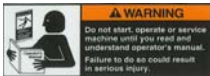



Mold Plate Guard



Feed Tray Guard and Mold Plate Guard are provided for your safety. Do not tamper with them in any way!

## Proper Label Location for a Model PaceSetter



<u>Item #</u>	<u>Description</u>	<u>Part #</u>
1.	Danger Tag	514-09
		
2.	Warning Orange	514-02
		
3.	Patty-O-Matic	514-08
		
4.	Warning	514-06
		
5.	Danger Label 1	514-03
		
6.	Danger Label 2	514-00
		
7.	Serial Tag	514-15
		
8.	Store Tool	514-14
		
9.	Warning Manual	514-01
		
10.	Danger on/off	514-05
		
11.	Do Not Pressure Wash	514-04
		
12.	Keep Hands	514-07
		

### Proper Procedure for Operating a Model PaceSetter

When the Model PaceSetter is fully assembled with all guards securely in place, put product in the Feed Tray. Push the product through the holes in the Feed Tray Guard into the hopper opening. **DO NOT PUT HANDS OR FINGERS, OR FOREIGN OBJECTS, SUCH AS STOMPERS OR PLUNGERS INTO THE HOPPER. THERE ARE NO STOMPERS OR PLUNGERS NEEDED WHEN USING THIS UNIT, THEREFORE NONE ARE SUPPLIED.** After you allow product to drop into hopper turn the machine on by engaging the On/Off switch down towards the on position. The machine may need to cycle a few times to prime the machine with product. As patties are being formed continue to push product through the holes and under the Feed Tray Guard. Patty paper may be added to the machine as needed. The machine can hold up to 1 inch of paper at a time.

As the Mold Plate moves back and forth to form patties, a thin coating of product may accumulate over its surface. This coating may also accumulate on the edges of the Knock Out Cup or on the front of the hopper and spacer plate. This accumulation does occur on all molding machines. It is nothing to be concerned with. There are certain machine settings that may lessen this accumulation.

### Setting the Ring Pin Pressure Plate for your Patty Size

The Purpose of the Pressure Plate is to entrap the amount of product necessary to form your patty. This part is also used in controlling the firmness of your patty. With the Pressure Plate set correctly you will in turn have:

- less leakage, oozing, and coating of parts
- less kneading of your product
- and less strain on your machine.

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If your patty weight is 8 ounces, keep the ring pin in the storage hole as described in the picture. This will allow the Pressure Plate to move all the way into the hopper and stop at the welded stud (#8), which is the maximum volume and pressure setting.

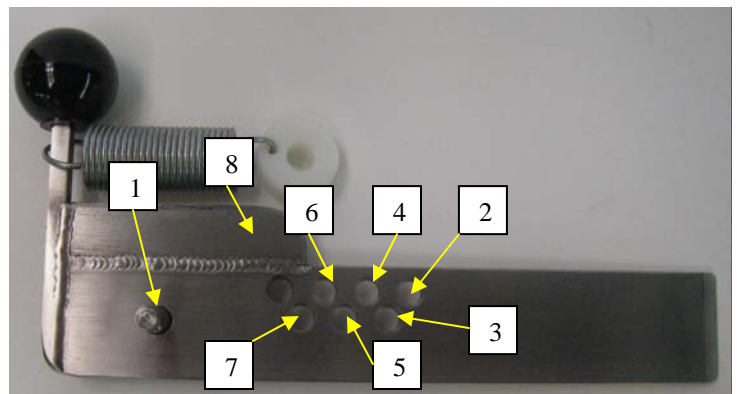
If your patty is 4 ounces remove the ring pin from the storage hole and place it in the 4 ounce hole.

If you patty weight is to be 6 ounces, place the ring pin in the 6 ounce hole.

If you would like to have a tightly packed patty, move the ring pin to a higher than recommended setting for that particular weight.

THESE ARE ONLY RECOMMENDED SETTINGS. A VARIETY OF CIRCUMSTANCES MAY CALL FOR YOU TO INSERT THE RING PIN IN A DIFFERENT LOCATION.

- |   |
|---|
| <p>1 - Ring Pin in storage hole<br/> 2 - 2 ounce hole<br/> 3 - 3 ounce hole<br/> 4 - 4 ounce hole<br/> 5 - 5ounce hole<br/> 6 - 6 ounce hole<br/> 7 - 7 ounce hole<br/> 8 - 8 ounce welded stop</p> |
|---|





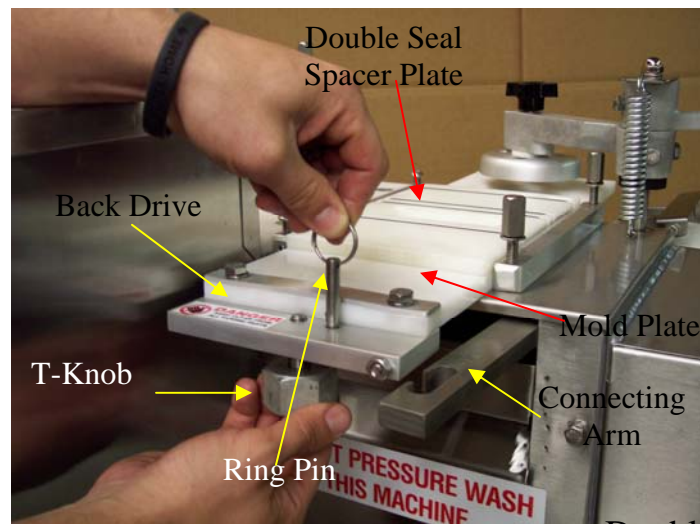
## Changing Your Machine's Mold Plate

**Always disconnect the machine from its power source before attempting to change or clean any of the machines component parts.**

First remove the T-Knob from the Back Drive of the Mold Plate by removing the ring pin and turning the T-Knob out, then pull the Mold Plate out from the rear of the machine. If you prefer, remove the Mold Plate from the machine without removing the T-Knob from the Back Drive. Simply unhook Connecting Arm from the T-Knob, you will first need to remove the ring pin from the back drive, then slide the Mold Plate from the rear of the machine.

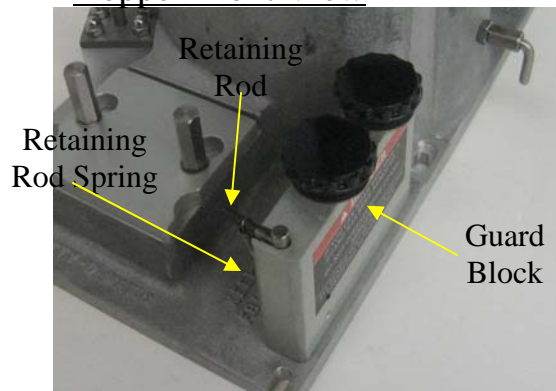
When changing the Mold Plate always use the corresponding Spacer Plate. The thickness fraction stamped on the Spacer Plate should match the fraction stamped on the front right corner of the Mold Plate. For example: if your Mold Plate is stamped "4F 1/2" then the Spacer Plate should be stamped "1/2". The Spacer Plate is retained by the Retaining Rod. The Retaining Rod is held by a spring into the Guard Block. Lift the Retaining Rod up and to the side so it does not protrude into the Spacer Plate. There is no need to remove the Retaining Rod from the Guard Block. After putting the new Mold Plate and corresponding Spacer Plate into the machine, lift the Retaining Rod and let it go into the hole located on the front of the Spacer Plate. Make Sure that the Spacer Plate is in the proper position and the Up side is facing up. Failure to do so may cause the Spacer Plate to move with the Mold Plate, and could damage the machine.

### Mold Plate and Connecting Arm Rear View

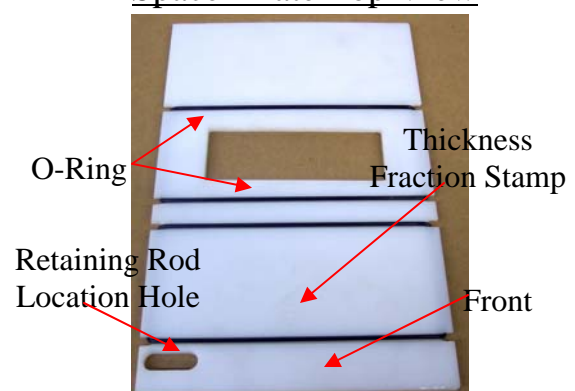


### Double Seal

### Hopper Front View

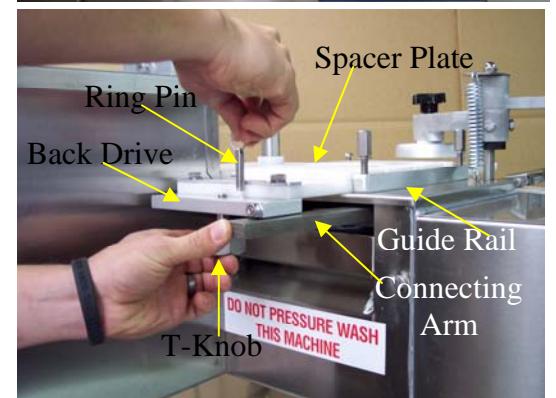
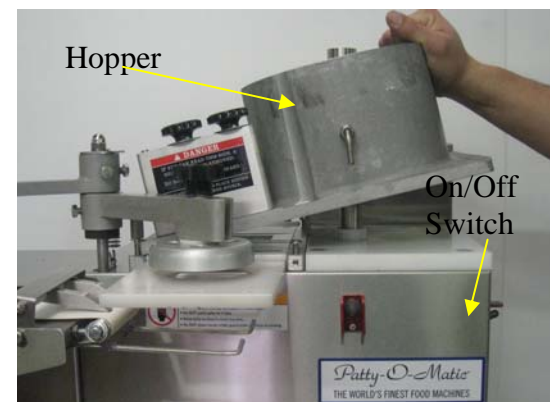
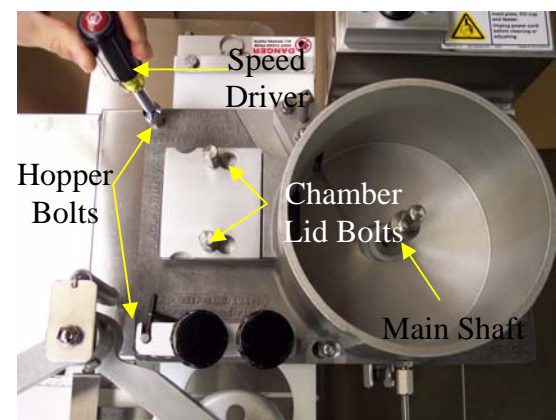
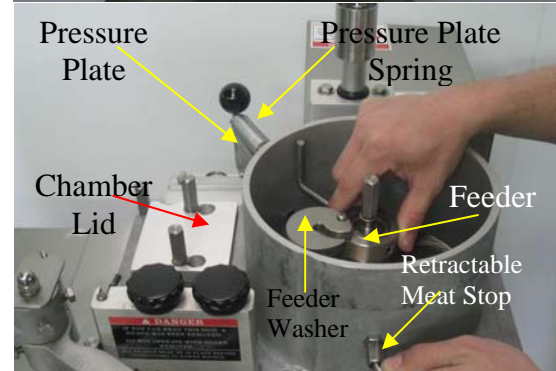
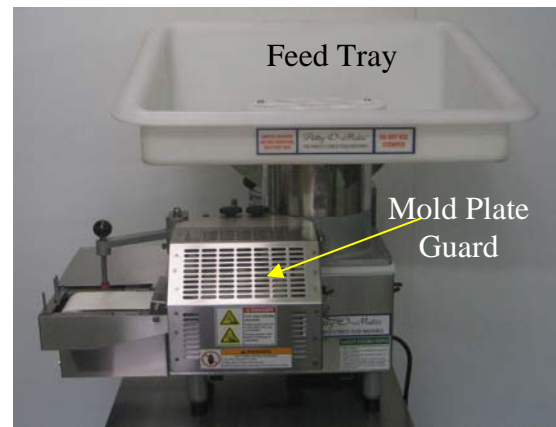


### Spacer Plate Top View



**Proper Disassembly for Cleaning a Patty-O-Matic Model PaceSetter:**  
**Always Unplug Machine From its Power Source Before Cleaning**

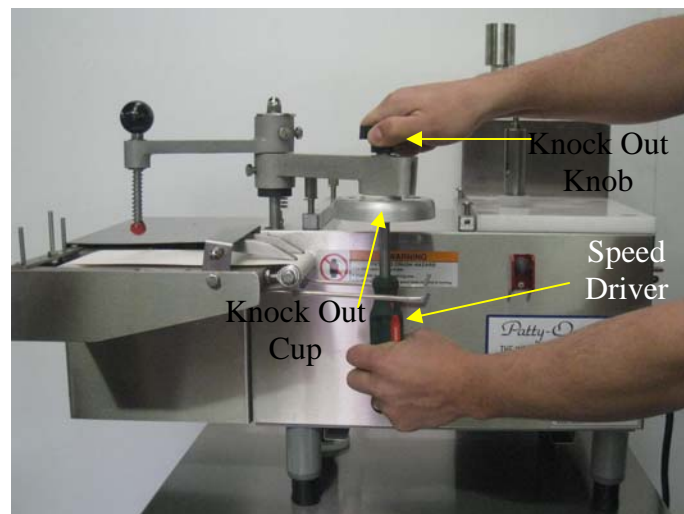
- Remove Feed Tray and Mold Plate Guard from Machine.
- Remove Pressure Plate by detaching Pressure Plate Spring and sliding Pressure Plate from inside of the Hopper. Slide Retractable meat stop out of the hopper until it stops. Remove feeder by loosening bolt using the tool provided. Twist feeder washer away from bolt and lift feeder from the inside
- Loosen the Two Hopper Bolts using the disassembly tool provided. The two bolts on the chamber lid may be loosened to be able to remove the Chamber lid for additional cleaning if necessary.
- Remove Hopper by sliding it toward the on/off switch and lifting it off the Main Shaft.
- After the Hopper is removed from the machine, remove spacer plate from the top of the mold plate. Occasionally the spacer plate sticks to the bottom of the Hopper.
- Remove the Mold Plate by pulling the ring pin from the back drive and disconnecting the Connecting Arm from the T-Knob. This will allow the Mold Plate to be removed from between the Guide Rails. The T-Knob may also be unscrewed from the Back Drive, after removing the ring pin, as an alternate means for disassembly.



- Remove Knock Out Cup By loosening the Knock Out Knob while holding the head of the bolt with the speed driver provided with the machine.

- All of the parts that were removed from the machine can now be washed and sanitized thoroughly. The cleaning solution should be 50 parts per million chlorine, but no more than 200 parts per million. The machine itself should be cleaned and sanitized by hand.

**This Machine Should Not be Hosed Down or Pressure Washed For Cleaning!**



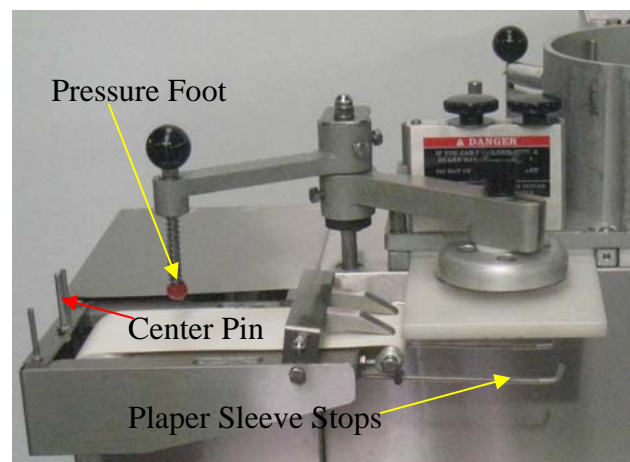
**\*To Re-Assemble the Machine reverse the above procedure. Hopper bolts should only be hand tightened with the Speed Driver provided.**

**\*The Knock Out Cup Should be installed on the Machine after all other parts, besides the Mold Plate Guard, are in place. The Mold Plate should be all the way out toward the front of the machine and the Knock Out Arm should be in the down position for the cup to align with the mold plate properly. Be sure the Spacer Plate's O-Rings are facing up to come in contact with the bottom of the Hopper.**

### **Installing Patty Paper on Interleaver:**

Place a stack of Paper no thicker than one inch under the Pressure Foot. Slide hole in the stack of paper over center pin on interleaver. This can be accomplished without stopping the machine.

**\*Placing more than one inch of paper on pin may cause improper paper feeding.**



Paper Sleeves should be adjusted for different size patty paper

**Patty-O-Matic Inc. offers the highest quality of patty paper, machine lubricant, and machine grease. Please contact the factory for information on these products.**

**Toll Free 877-938-5244**

# Points of Daily Lubrication For A Patty-O-Matic Model PaceSetter:

**Always Unplug Machine and use Food Approved Oil and Grease!**

The Following Parts should be lubricated daily to ensure proper machine maintenance

- Pressure Foot should be lifted up and oiled. Hold the Ball Knob and lift up. Place a few drops of oil on the Pressure Foot shaft and its component parts.

- Knock Out Shaft and Bushing should be oiled when the Knock Out Arm is in the up position. The picture shown displays the Arm in the up position.

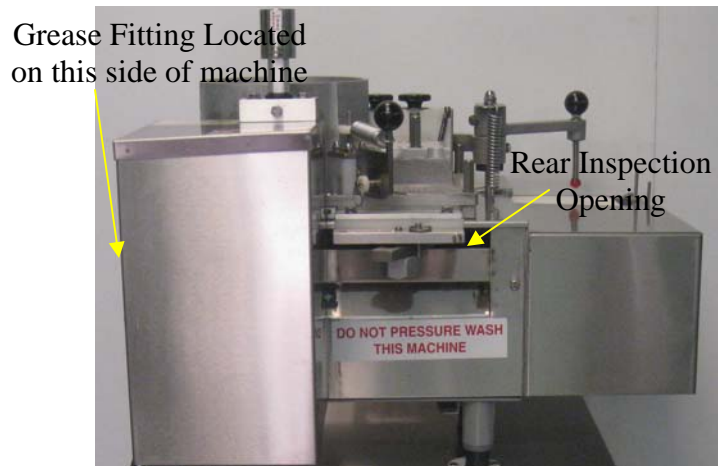
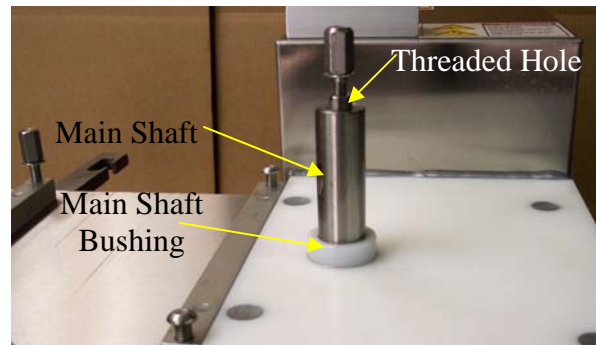
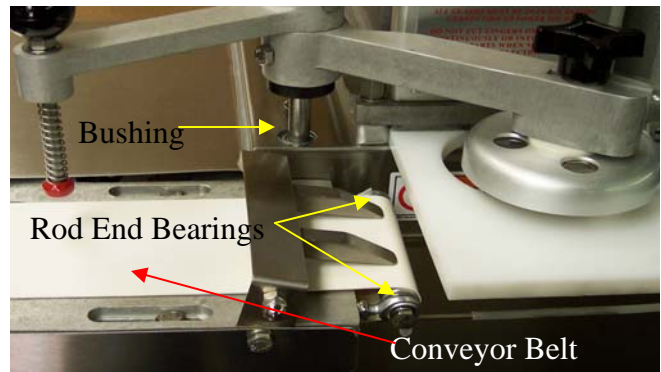
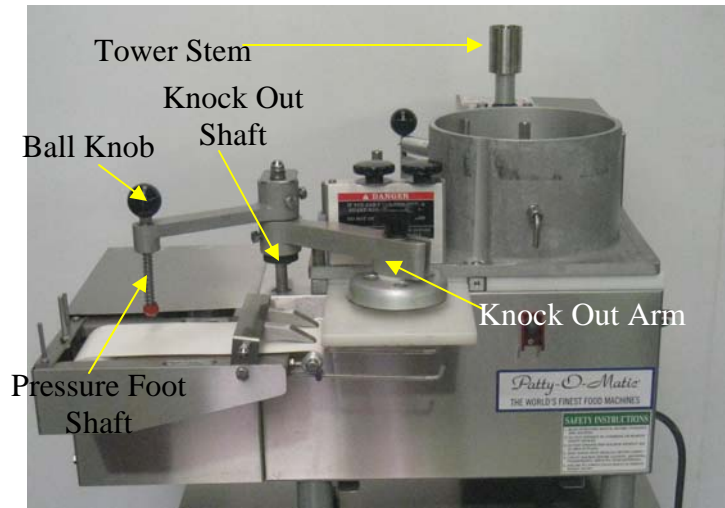
- Tower Stem should be oiled when the Feed Tray is removed as shown.

- Rod End Bearings should be oiled with a few drops of oil. Remember that there are two Rod End Bearings to be oiled. Do not allow oil to drip on the conveyor belt.

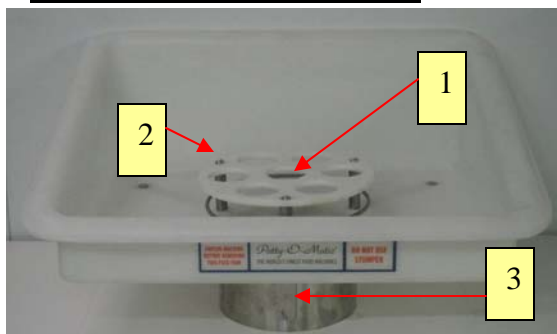
- Main Shaft should be oiled when the machine is disassembled as shown in picture. Be sure to oil the bottom of the main shaft by the Main Shaft Bushing.

- The inside of the machine can be oiled through the Rear Inspection Opening. By oiling here you will be lubricating some of the inside components.

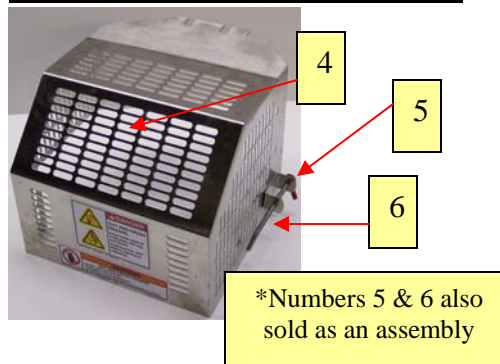
- The Grease Fitting, on the side of the machine where the On/Off switch is located, should be greased once every two weeks. 3 or 4 shots of grease is recommended.



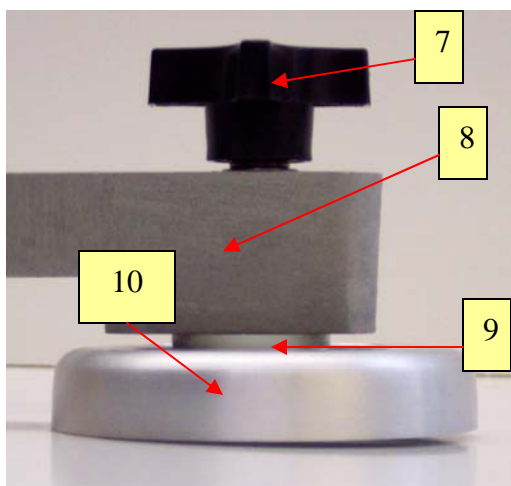
**Plastic Coved Feed Tray**



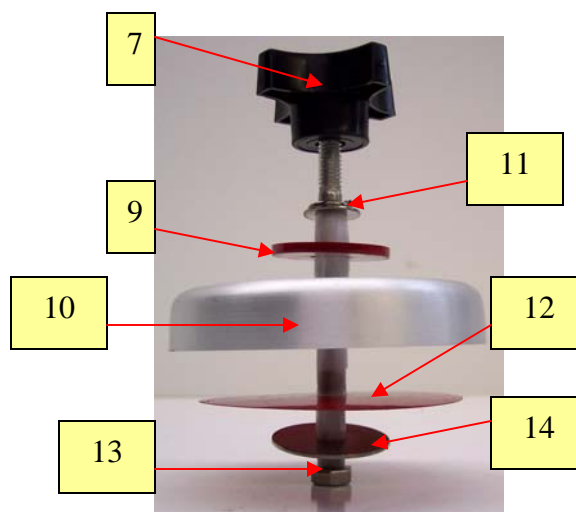
**Mold Plate Guard Assembly**



**Knock Out Cup Assembly**

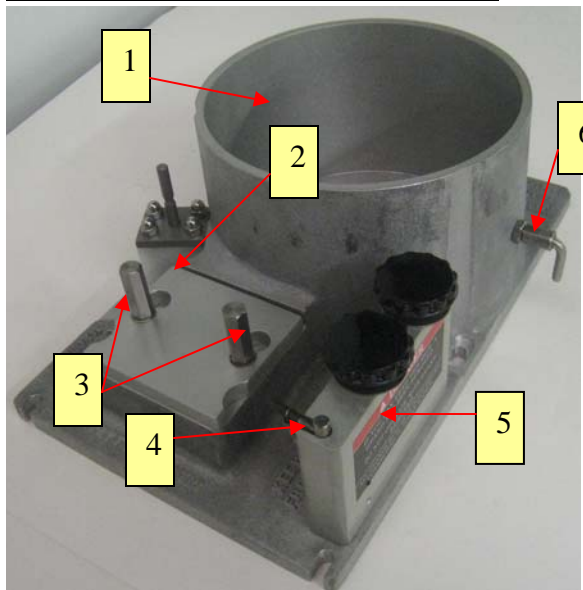
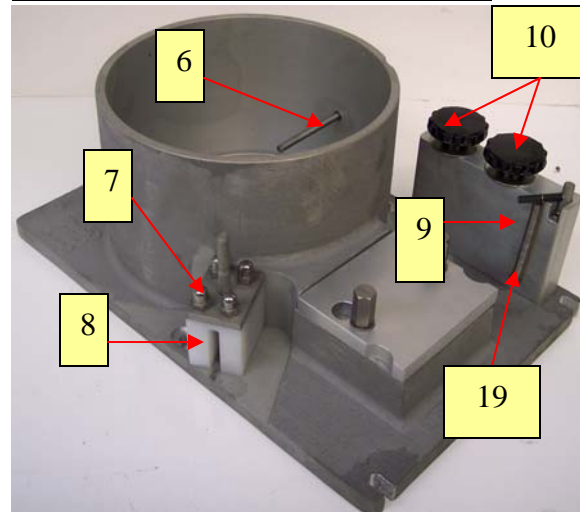
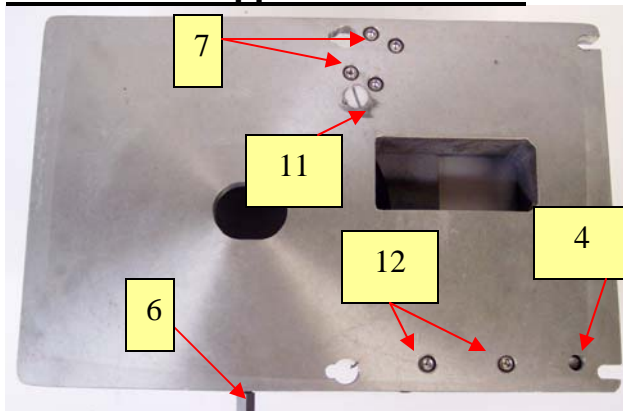
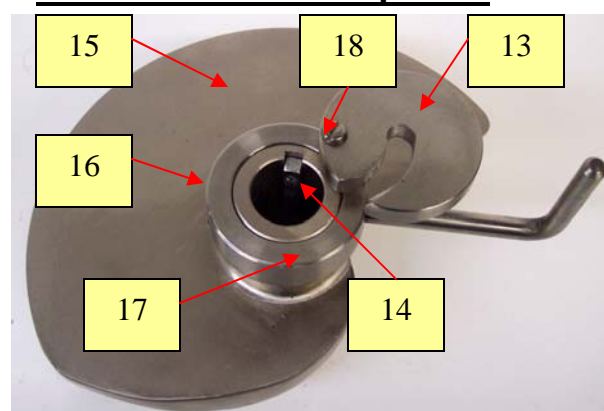


**Knock Out Cup Exploded View**



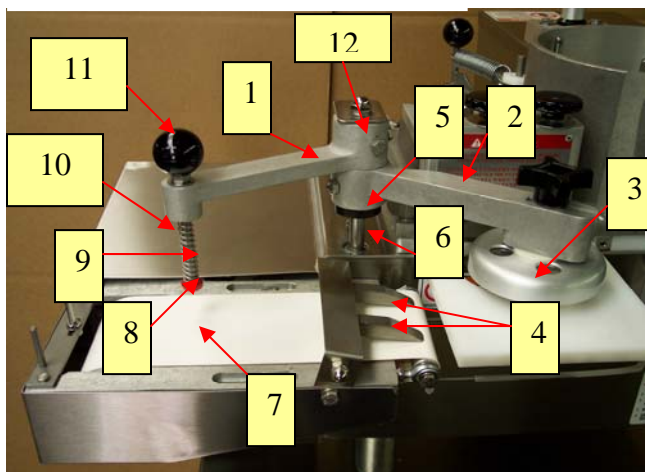
\*Knock Out Cup Hardware is also sold as an assembly.  
 -Knock Out Cup Assembly w/ Hardware is Part #571  
 -Knock Out Cup Hardware **Only** is Part #571-H1

<u>Item#</u>	<u>Description</u>	<u>Part #</u>
1	Quick Feed Tray Guard Assembly	543-QP
2	Feed Tray Guard Hardware	541-B
3	Stainless Support	554
4	Mold Plate Guard Assembly	550SC
5	Push Rod Collar	553-1B
6	Push Rod	553-5
5&6	Push Rod and Collar Assembly	553
7	Knock Out Knob	5714-7
8	Knock Out Arm (Partial View)	502B
9	Knock Out Cup Plastic Washer	571-6
10	Round Knock Out Cup	571-1
11	Knock Out Cup Flat Washer and Lock Washer	571-8
12	Knock Out Air Valve (Shown in red for visual affect)	571-4
13	Knock Out Cup Bolt	571-9
14	Knock Out Cup Fender Washer	571-10

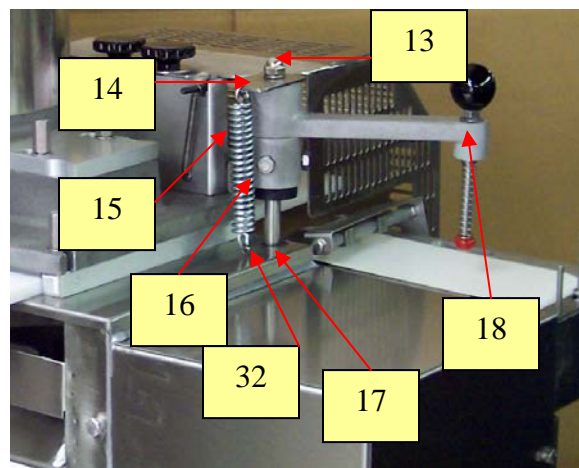
**PaceSetter Hopper Front View****PaceSetter Hopper Rear View****PaceSetter Hopper Bottom View****PaceSetter Feeder Top View**

<u>Item#</u>	<u>Description</u>	<u>Part #</u>
1	PaceSetter Hopper Casting	PS545
2	PaceSetter Hopper Chamber Lid	PS545-A
3	Hex Hold Down Bolt (Also used as Hopper Hold Down)	556B
4	Retaining Rod	551-1C
5	Guard Block	551-C
6	Retractable Meat Stop	PS555
7	Pressure Plate Block Hardware	548-C
8	PaceSetter Pressure Plate Block	PS547
9	Retaining Rod Spring	551-1A
10	Mold Plate Guard Knob and Washer	550-1
11	Hopper Threaded Plug	607
12	Guard Block Screws (Set of 2)	PS548
13	PaceSetter Feeder Washer	PS560
14	Shear Key and Screw	PS562
15	PaceSetter Feeder	PS557
16	Mixer Collar Set Screw	559
17	PaceSetter Mixer Collar	PS558A
18	PaceSetter Feeder Washer Bolt	PS558B
19	Retaining Rod Spring Bolt	551-1F

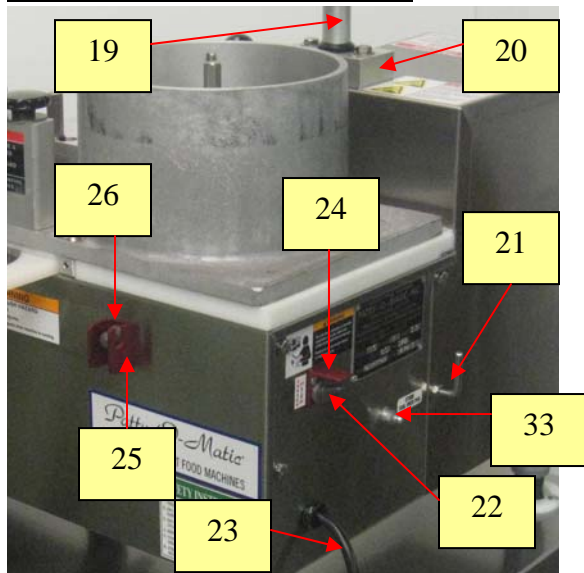
### Machine Front View



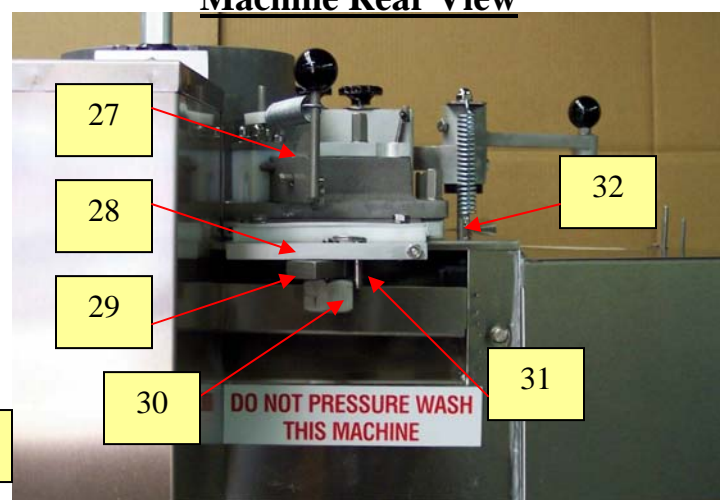
### Machine Left Side View



### Machine Right Side View



### Machine Rear View



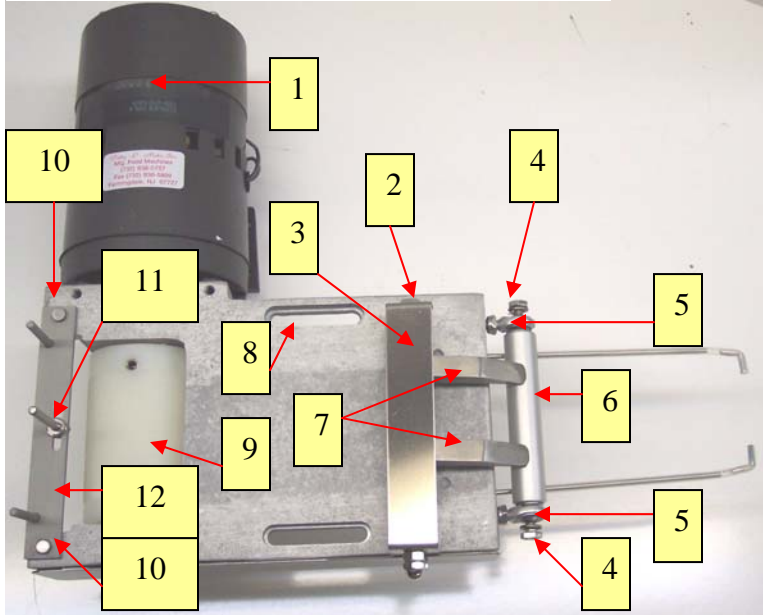
<u>Item #</u>	<u>Description</u>	<u>Part #</u>
1	Paper Interleaver Arm and Bolts	505
2	Knock Out Arm and Bolts	502B
3	Knock Out Cup	571-1
4	Paper Weight (2)	532
5	Large Knock Out Bumper	504
6	Knock Out Shaft	449
7	Conveyor Belt	534
8	Pressure Bolt Tip	506D
9	Pressure Bolt	506
10	Pressure Foot Spring	508
11	Ball Knob	506B
12	Paper Interleaver Arm Bolt (2)	505-1
13	Knock Out Shaft Acorn Nut	503
14	Knock Out Spring Tab	498C
15	Knock Out Spring	490
16	Knock Out Arm Bolt (2)	502-1
17	Knock Out Shaft Bushing (White Poly bushing that is pressed into Machine Frame)	462
18	Paper Interleaver Arm Bushing (White Poly Bushing pressed into the Paper Interleaver Arm)	505-1B

<u>Item#</u>	<u>Description</u>	<u>Part#</u>
19	Feed Tray Tower	620-5
20	Feed Tray Tower Block	620-6
21	Tool Holder	601
22	On/Off Switch	500
23	Power Cord	115-01
24	On/Off Switch Guard	501
25	Key Latch	609-A1
26	Plunger Switch	608-1B
27	Ring Pin Pressure Plate	546-3
28	Mold Plate Back Drive	564
29	Connecting Arm	455
30	T-Knob	567
31	Ring Pin	546C
32	Knock Out Spring Cotter Pin	490D
33	Outside Grease Fitting	PS701

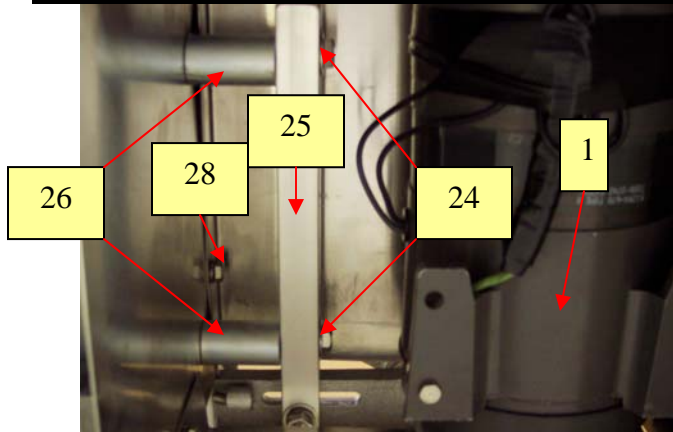
Many parts are also sold as assemblies. Please contact the factory for further information:  
Toll Free 877-938-5244

## Paper Interleaver top view

Belt is removed for better visual



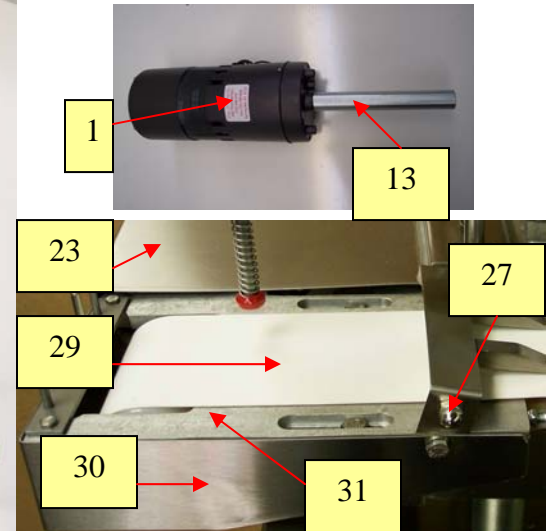
## Paper Interleaver Motor Underside View



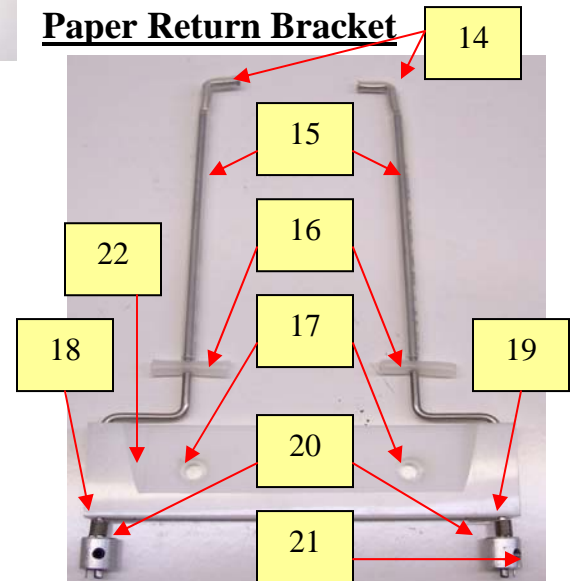
Item #	Description	Part #
1	Paper Interleaver Motor	516
2	Weight Shaft	527
3	Weight Shaft Support	529
4	Rod End Hardware	523
5	Rod End Bearing (2 Required)	522
6	Paper Interleaver Front Pulley	521
7	Paper Weight (2 Required)	532
8	Interleaver Adjustment Slots	N/A
9	Paper Interleaver Back Pulley	520
10	Pin Holder Bolt and Nuts (2 Required)	526
11	Paper Pin, Nuts, and Washers	525
12	Paper Pin Assembly	524-A
13	Motor Extension Shaft and Screws	517
14	Paper Sleeve Stop (2)	248A
15	Stainless Steel Paper Pivot Rod (2)	247

16

## Paper Motor



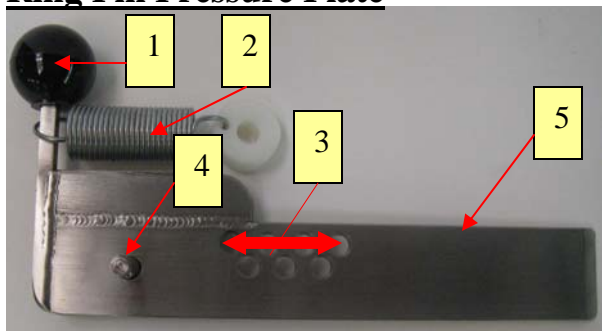
## Paper Return Bracket



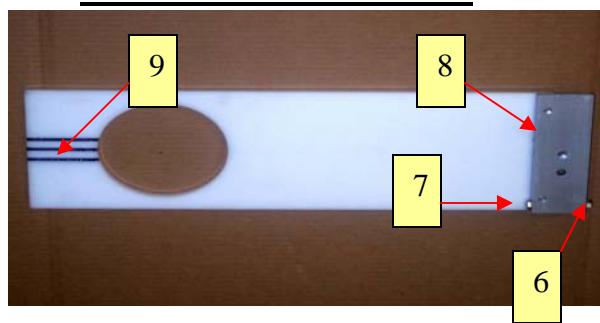
Item#	Description	Part#
16	Paper Stop	248
17	2 Return Bracket Mounting Screws	249
18	Left Return Spring	246L
19	Right Return Spring	246R
20	Spring Adjusting Collar (2 Required)	244
21	Set Screw(One in each collar)	245
22	Pivot Rod Support Bracket	243
23	Interleaver Motor Cover	PS537
24	Interleaver Support Hardware	499
25	Paper Attachment Support Bar	497
26	Interleaver Support Bar Spacer (Set of 2)	PS498
27	Weight Shaft Hardware	528
28	PaceSetter Motor Cover Hdwr.	PS538
29	Conveyor Belt	534
30	Conveyor Belt Guard	PS536
31	Paper Interleaver Casting Frame	519



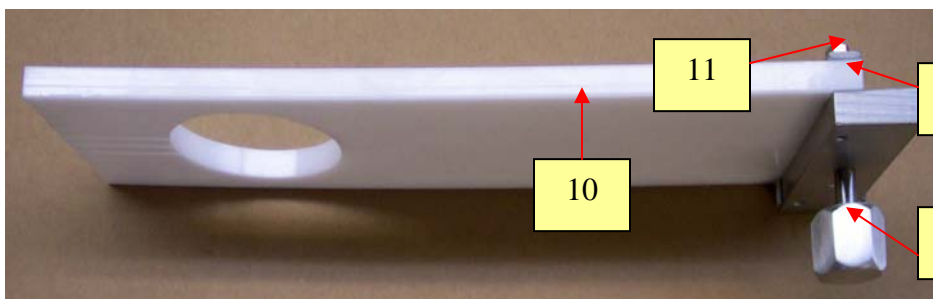
**Ring Pin Pressure Plate**



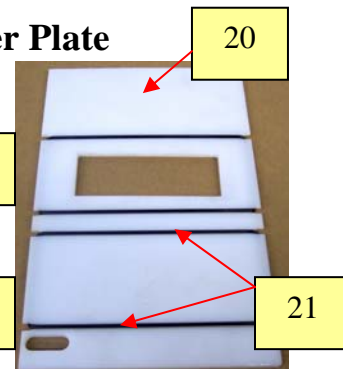
**Mold Plate Bottom View**



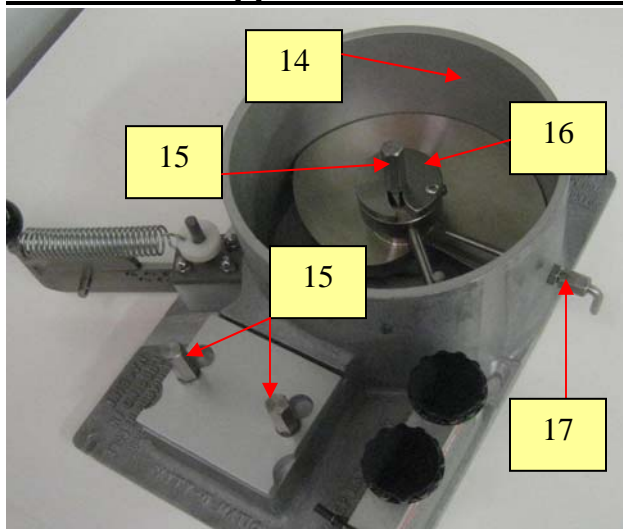
**Mold Plate Side View**



**Double Seal Spacer Plate**



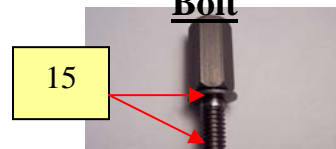
**PaceSetter Hopper and Feeder Assembled Top View**



**PaceSetter Feeder Washer & Shear Key**



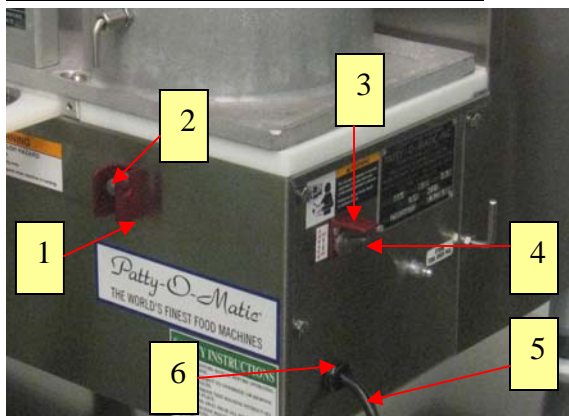
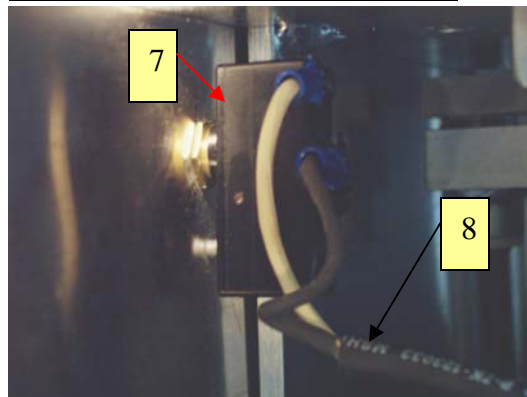
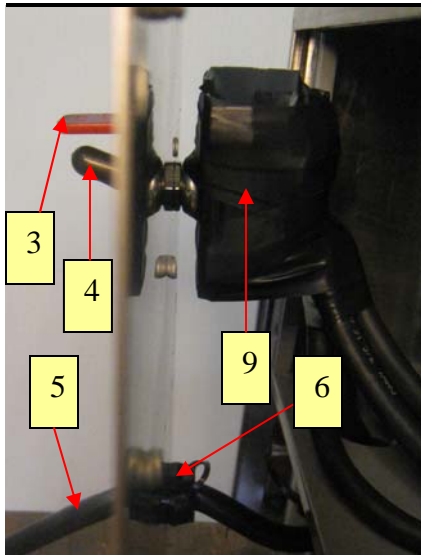
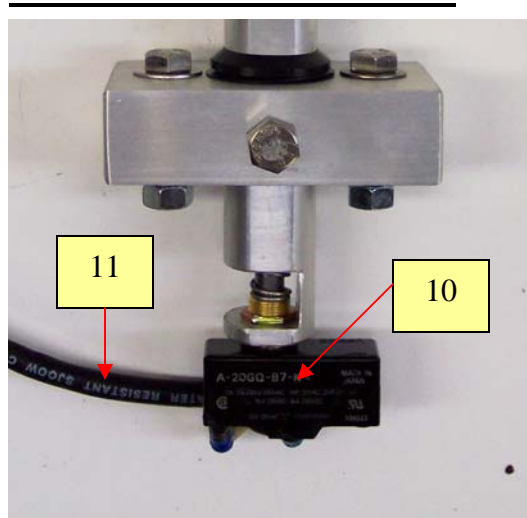
**Hold Down Bolt**



Item #	Description	Part #
1	Ball Knob	506B
2	Pressure Plate Spring	549
3	Ring Pin Adjustment Holes	N/A
4	Ring Pin(Shown in the Storage Hole)	546C
5	Ring Pin Pressure Plate	546-3
6	Back Drive Stop Bolt Nut	566
7	Back Drive Stop Bolt	565
8	Mold Plate Back Drive	564
9	Air Grooves (Colored for Visual)	N/A
10	Round Mold Plate(Specify Size)	563-1
11	Set of Back Drive Hardware	568A
12	Back Drive Clamp	568

Item #	Description	Part #
13	T-Knob	567
14	PS Hopper Casting	PS545
15	Hold Down Bolt	556B
16	PaceSetter Feeder Washer	PS560
17	Retractable Meat Stop	PS555
18	Shear Key and Screw	PS562
19	Pacesetter Feeder Washer Screw	PS558B
20	Double Seal Spacer Plate	569DS
21	Double Seal Spacer Plate O'Rings	569A

**Part # 563 - Mold Plate Assembly**  
 -Includes Round Mold Plate, Back Drive Assembly, and Knock Out Cup Assembly

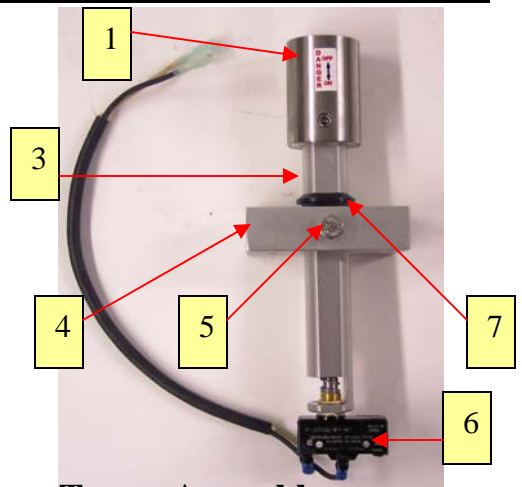
**Machine Switches Front View****Guard Switch Interior View****On/Off Switch Interior View****Tower Switch Interior View**

<u>Item#</u>	<u>Description</u>	<u>Part #</u>
1	Key Latch	609-A1
2	Plunger Switch Boot	608-1C
3	On/Off Switch Guard	501
4	On/Off Switch Boot	500B
5	Power Cord	115-01
6	Wire Grommet	487
7	Guard Switch	608-1B
8	Guard Switch Wire	608-1C
9	On/Off Switch (Shown insulated in electrical tape)	500
10	Tower Switch	620-10
11	Tower Switch Wire	620-10A

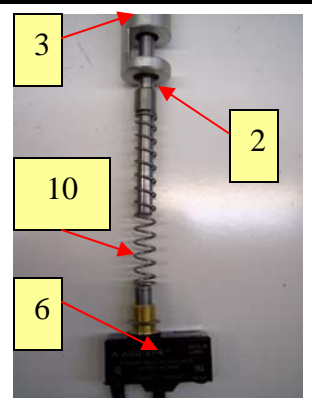
Part # 608-5A – Includes Guard Switch and Wire  
 Part # 620-10B – Includes Tower Switch and Wire

Many other parts are also sold as assemblies. Please contact the factory for further information:  
 877-938-5244

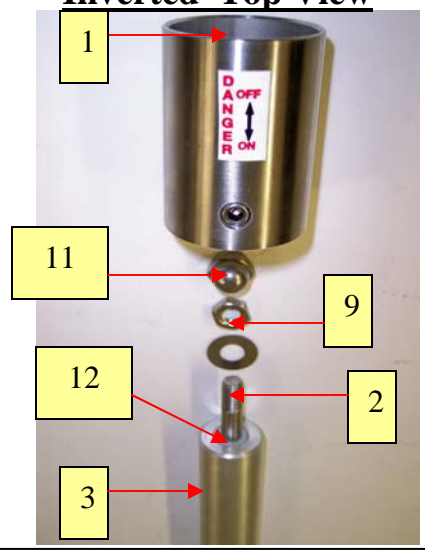
**Tower Assembly w/ Tower Block**



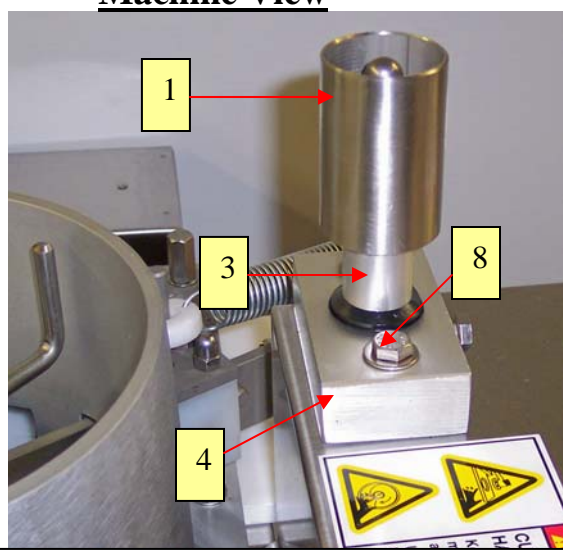
**Tower Assembly Exploded Bottom View**



**Tower Assembly Inverted Top View**



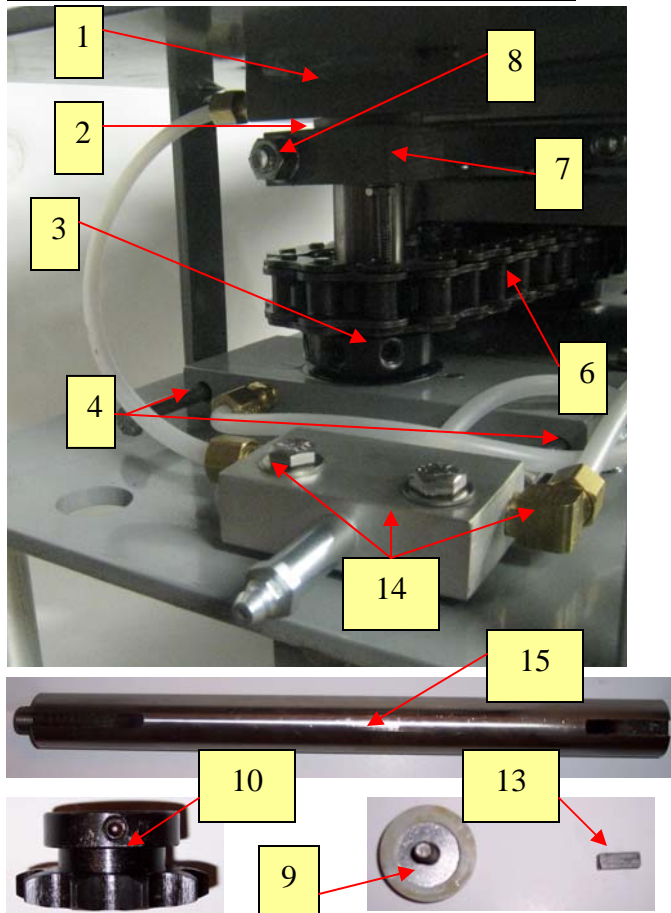
**Tower Assembly Machine View**



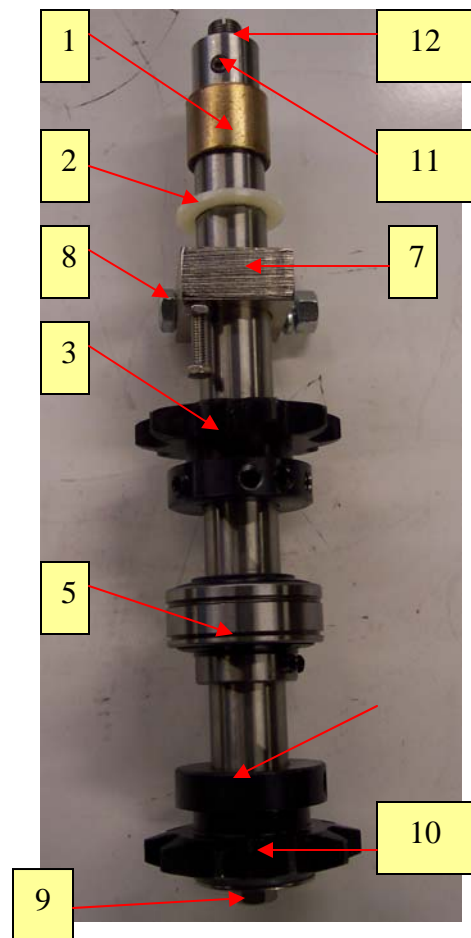
<u>Item#</u>	<u>Description</u>	<u>Part #</u>
1	Tower Sleeve	620-16
2	Tower Stem	620-3
3	Tower Tube	620-5
4	Tower Block	620-6
5	Tower Locator Lock Bolt	620-7
6	Tower Switch	620-10B
7	Rubber Seal	464S
8	Tower Block Hardware	620-8
9	Tower Jam Nut	620-06
10	Tower Spring	620-9
11	Tower Acorn Nut	620-15
12	Tower Bushing	620-4

Many parts are also sold as assemblies. Please contact the  
 factory for further information:  
 Toll Free in the U.S.A. 877-938-5244  
 Outside the U.S.A. 732-938-2757

### Main Shaft Assembly Interior View

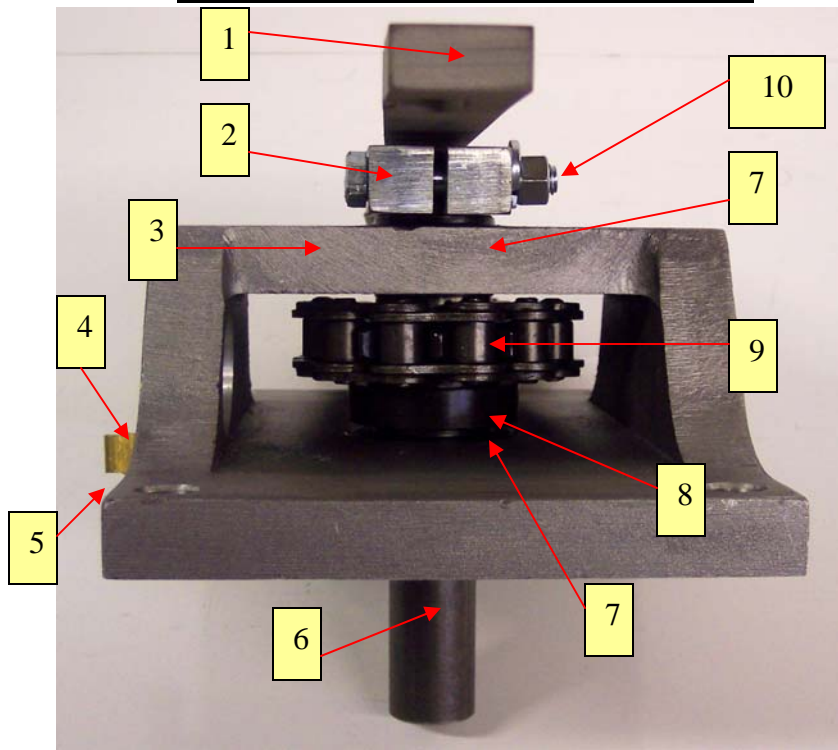


### Main Shaft Exploded View

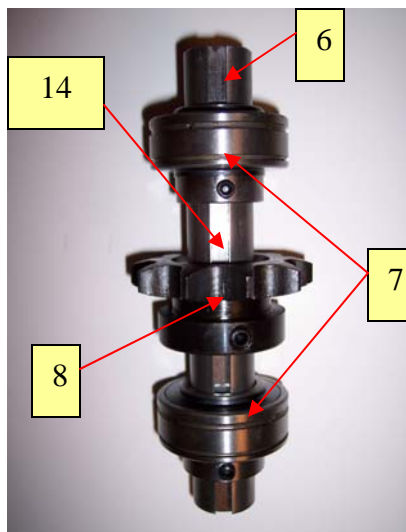


<u>Item#</u>	<u>Description</u>	<u>Part #</u>
1	Main Shaft Bushing (pressed into Machine Frame)	470
2	Main Shaft Thrust Washer	469-1
3	Timing Sprocket	465T
4	Chain Tension Adjuster Bolt	463
5	Main Shaft Bearing (pressed into Machine Frame)	464A
6	Timing Chain and Link	471
7	Main Shaft Clamp	467
8	Main Shaft Clamp Hardware	468
9	Main Shaft Fender Washer and Hardware	240-1
10	Main Shaft Driven Sprocket(Specify Amount of Teeth)	240
11	Main Shaft Threaded Insert Set Screw	464-2
12	Main Shaft Threaded Insert	464-1
13	Main Shaft Sprocket Key	241
14	PaceSetter Grease Line System(Not completely shown)	704
15	Main Shaft C/W Insert and Set Screw	464

**Crank Housing Assembly Side View**

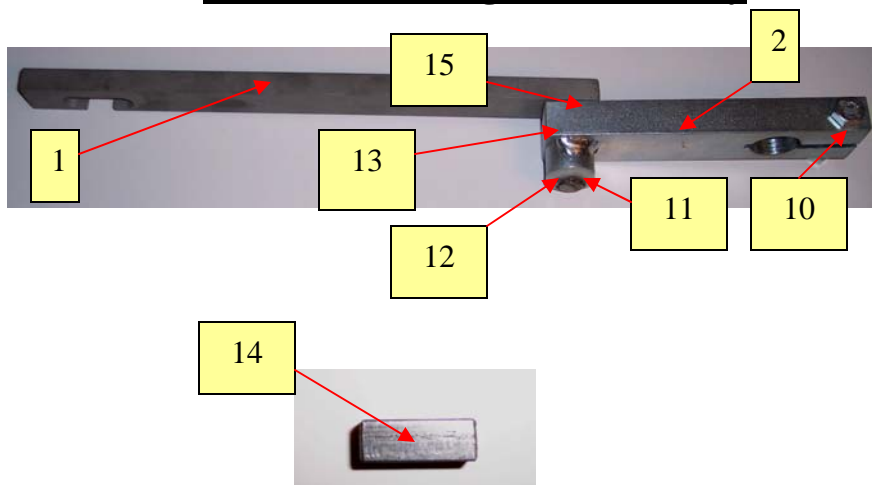


**Crank Shaft Assembly  
Exploded View**



Item #	Description	Part #
1	Connecting Arm	455
2	Crank Arm	452
3	Crank Shaft Housing Casting	457
4	3 Grease Lines and 6 Ferrule(1 Ferrule shown here)	PS700
5	PaceSetter Grease Line System(Entire System not Shown)	PS704
6	Crank Shaft	456
7	Crank Housing Bearing (Pressed Into Crank Housing)	457A

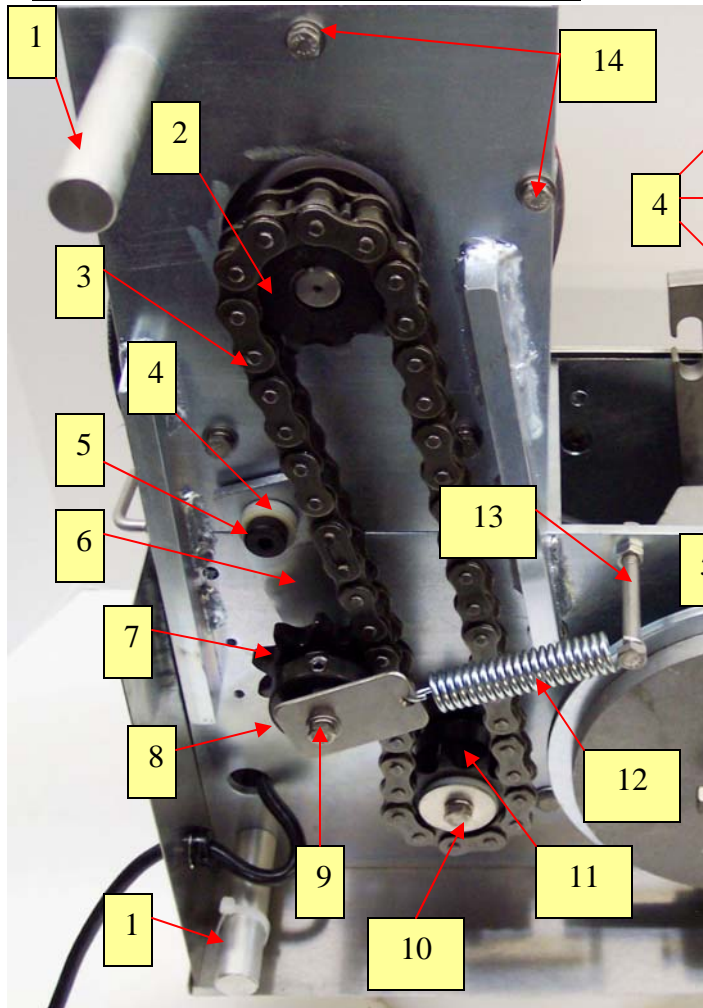
**Crank/Connecting Arm Assembly**



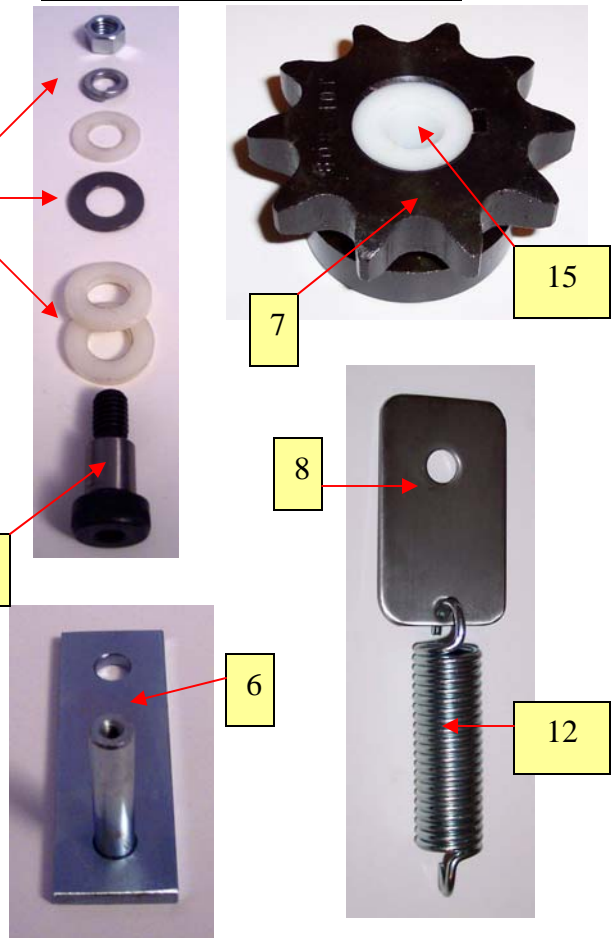
Item #	Description	Part #
8	Crank Shaft Sprocket	460
9	Timing Chain and Link	471
10	Crank Arm Hardware	453
11	Connecting Arm Spacer Washer	456B
12	Connecting Arm Cotter Pin	455A
13	Connecting Arm Bushing (White Poly Bushing pressed into the Connecting Arm)	455-1
14	Sprocket Key	461
15	Connecting Arm Spring Washer	455C

**Part # 459 – Crank Housing Hardware  
-Holds Crank Housing to Machine**

**Motor to Main Shaft Bottom View**



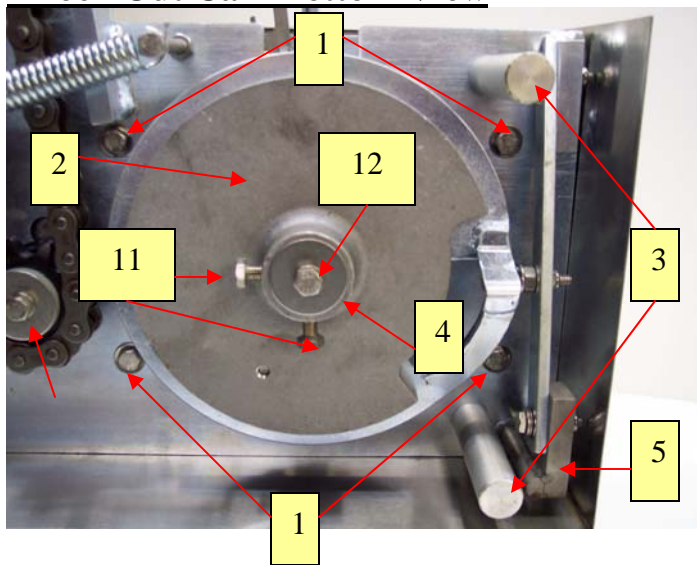
**Idler Arm Assembly Parts**



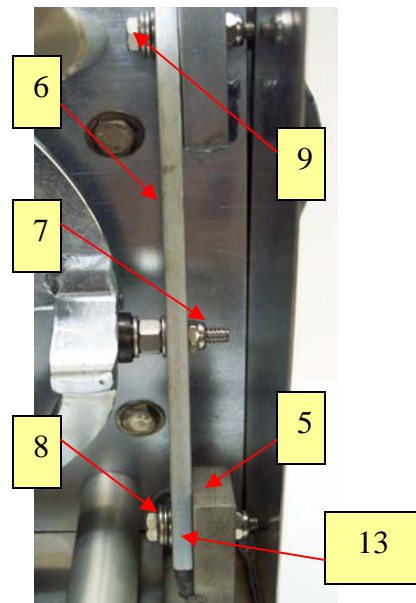
**Part # 229 – Idler Arm Assembly  
-Includes spring, tab, arm, and all hardware**

<u>Item#</u>	<u>Description</u>	<u>Part #</u>
1	Machine Legs (Setof Four)	446
2	Motor Drive Sprocket (Note amount of teeth)	236
3	Motor to Man Shaft Chain and Link	239
4	Idler Arm Shoulder Bolt Hardware	229B
5	Idler Arm Shoulder Bolt	229A
6	Idler Arm	230-A
7	Idler Arm Sprocket and Bushing Assembly	232
8	Idler Arm Spring tab	231A
9	Idler Arm Spring Tab Hardware	231B
10	Main Shaft Fender Washer and Hardware	240-1
11	Main Shaft Driven Sprocket(Note amount of teeth)	240
12	Idler Arm Spring	231
13	Idler Arm Spring Bolt and Hardware	235
14	Gear Head Motor Mounting Hardware (Set of 5)	284B
15	Idler Arm Sprocket Bushing	234

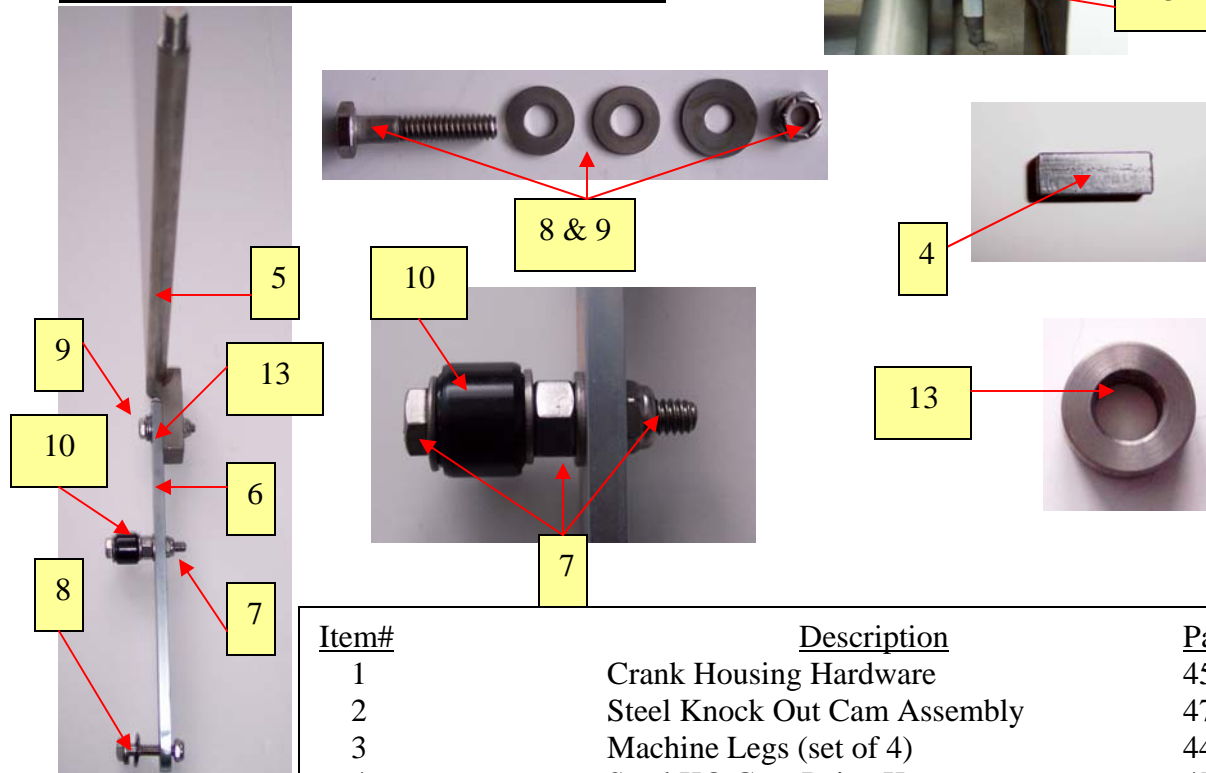
**Knock Out Cam Bottom View**



**Knock Out Lever Assembly Bottom View**

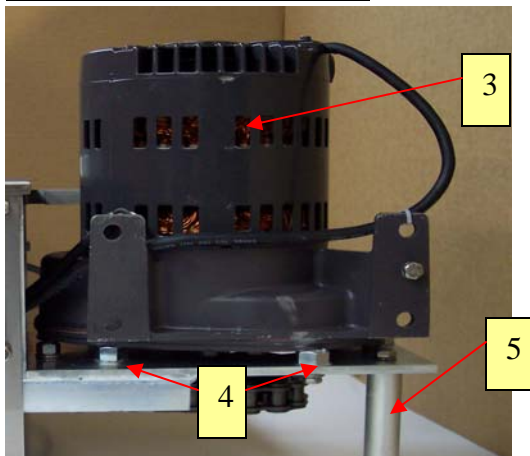
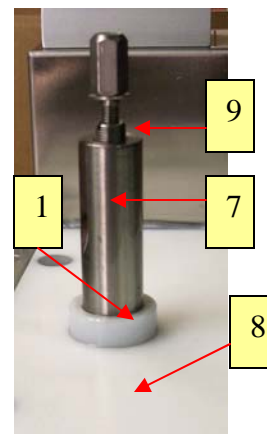
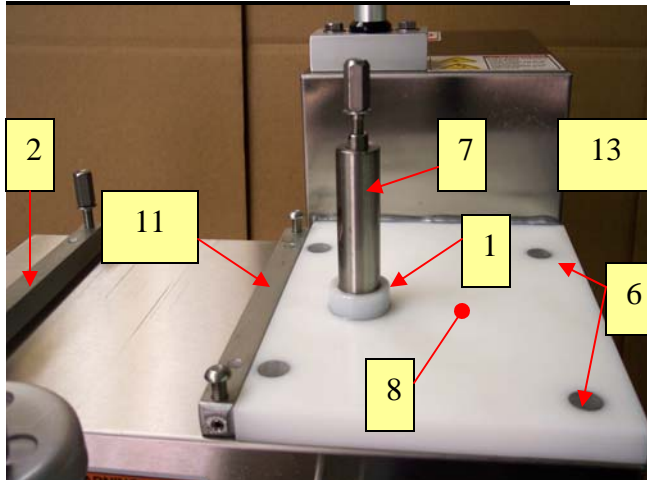
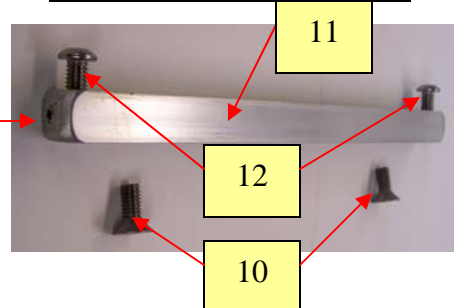


**Knock Out Shaft and Lever Assembly**



**Part # 450X**  
**Knock Out**  
**Lever Assembly**  
 -Includes Lever,  
 Bushing, Cam  
 Bearing, and all  
 Hardware

<u>Item#</u>	<u>Description</u>	<u>Part #</u>
1	Crank Housing Hardware	459
2	Steel Knock Out Cam Assembly	472-S
3	Machine Legs (set of 4)	446
4	Steel KO Cam Drive Key	477-1
5	Knock Out Shaft	449
6	Knock Out Lever	450
7	Cam Follower Bearing Hardware	475
8	Knock Out Lever Hardware	451
9	Knock Out Lever Bushing Hardware	450B
10	Cam Follower Bearing	474
11	Steel Knock Out Cam Bolts (2)	472-S1
12	Steel KO Cam Keeper Bolt and Hardware	472-S2
13	Knock Out Lever Bushing(Sits inside Knock Out Lever)	450A

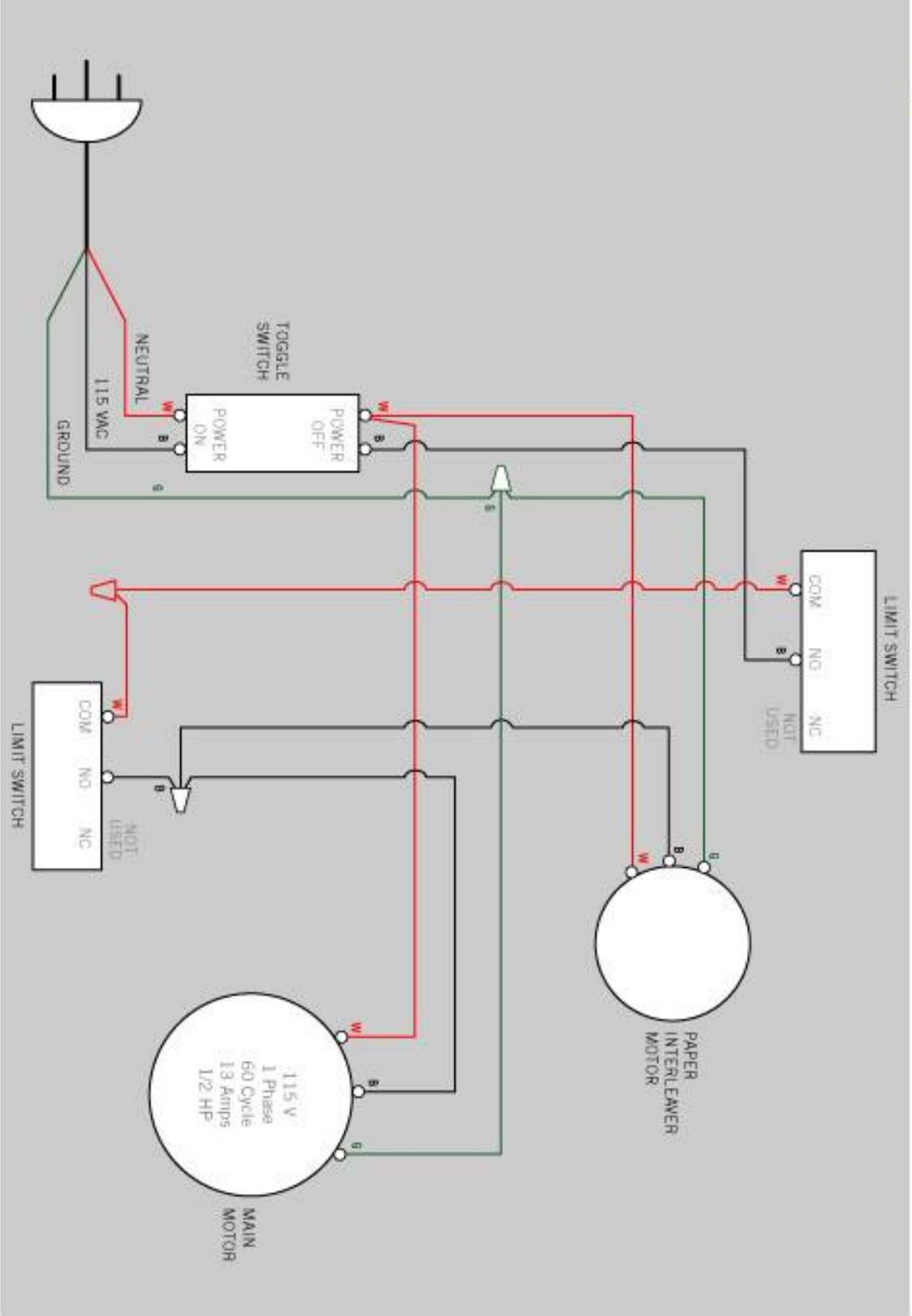
**Main Motor Side View****Main Shaft  
Machine View****Mold Plate Guide Rails Front View****PaceSetter Guide Rail**

Please call factory for  
instructions on installing new  
Mold Plate Guide Rails  
Toll Free 877-938-5244

<u>Item#</u>	<u>Description</u>	<u>Part #</u>
1	PaceSetter Hopper Nylon Bushing	PS603
2	Mold Plate Guide Rail	494
3	Gear Head Motor	284
4	Motor Spacer (5)	284A
5	Machine Legs (Set of 4)	446
6	PaceSetter Bed Plate Bolts(Set of 4)	PS602-1
7	Main Shaft C/W Insert and Set Screw	464
8	PaceSetter Bed Plate	PS602
9	Main Shaft Insert	464-1
10	Mold Plate Guide Rail Bolts (Set of 2)	495
11	PaceSetter Guide Rail	PS494A
12	PaceSetter Guide Rail Button Bolts (Set of 2)	PS494B
13	PaceSetter Guide Rail Set Screws (Set of 2)	PS494C



WIRING DIAGRAM



## Warranty Information

This appliance is guaranteed to original purchaser to be free from defects in materials and workmanship.

Warranty shall be limited to repairing or exchanging any part that in our judgment shows evidence of defect within three years of the original date of purchase.

In the event of the return due to defect in material or workmanship, within the warranty period, please return in original packing case or equivalent.

Our expert factory repair service is provided, and recommended for all repairs, within and beyond the warranty period.

Warranty shall not apply if appliance has been plugged into any current other than that specified; or has been tampered with or altered in any way.

Warranty does not cover parts that wear out from use or parts that are damaged or broken in use; or service claims arising due to failure to follow operating instructions.

This warranty is in lieu of all other warranties, expressed or implied. No representative or other person is authorized or permitted to make any guarantee or to assume for us any liability not strictly in accordance with the foregoing.

If you should have any further questions or require assistance with anything please do not hesitate to call the factory. We recommend that you are near the machine when you call. Please provide us with the age, serial number, model number, and mold plate size when you call.

*Patty-O-Matic, Inc.*<sup>®</sup>  
THE WORLD'S FINEST FOOD MACHINES

Toll Free 877-938-5244

**Important Information on Your Machine**

**Patty-O-Matic Inc. Model PaceSetter**

**Serial Number** \_\_\_\_\_

**Date Purchased** \_\_\_\_\_

**Purchased From What Dealer** \_\_\_\_\_

**Dealer Address and Phone Number** \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Maintenance Performed on Machine** \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
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**Owner's Notes** \_\_\_\_\_

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