PRAWNTO
SHRIMP PERFECT

SHRIMP CUTTER
AND
DEVEINER

OWNER'S MANUAL
CONGRATULATIONS

You have just purchased one of the most exciting and serviceable machines you have ever had in your operation. With proper care your PRAWNTO™ Shrimp Machine will provide you years of quality service!

ATTENTION

Check your new PRAWNTO™ for freight damage immediately. If damage has occurred, contact your United Parcel and report the nature of the damage. Also, call us toll free at PRAWNTO SHRIMP MACHINE CO. OF TEXAS, INC. (From US – 1 800 426 7254, International – 001 903 527 4149) for a replacement machine.

Do not discard the original shipping carton. The carrier will not honor a claim without the original box.

WARRANTY

Prawnto Shrimp Machine Co. of Texas, Inc. Warrants the Prawnto™ Shrimp Machine for one year against defects in parts and workmanship, including the electrical motor, except for normal wear and tear of belts, rubber discs, roller and cutting blade sharpness. Notwithstanding the foregoing and except as to the electric motor, this warranty is limited to a term of ninety days from date of purchase where the machine is used for commercial processing of shrimp for its initial preparation for sale to retailers. No warranty covers damage due to customer abuse or neglect. All warranty repair work shall be performed at Prawnto Shrimp Machine Co. of Texas, Inc. with all shipping costs to and from Prawnto™ to be paid by the purchaser. Proof and date of purchase is a prerequisite to the effectiveness of any warranty. There are no warranties, which extend beyond the description on the face hereof. Seller does not warrant merchantability or fitness for a particular purpose.

DIELECTRIC TESTING

Prawnto has a strict company standard to test all Prawnto MLG 2-4 series machines prior to final packaging. Our testing standards are as follow:

<table>
<thead>
<tr>
<th>Test Voltage</th>
<th>Test Time</th>
<th>Test Voltage</th>
<th>Test Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>1000 VAC/1400 VDC</td>
<td>60 s</td>
<td>or</td>
<td>1200 VAC/1700 VDC</td>
</tr>
</tbody>
</table>
Owners Manual Content

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OWNERS MANUAL CONTROL CHANGE LOG

<table>
<thead>
<tr>
<th>Last Update</th>
<th>Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>07/24/03</td>
<td>New updated version of Owner’s manual</td>
</tr>
<tr>
<td>05/13/06</td>
<td>MLG-BC machine and components added to manual</td>
</tr>
<tr>
<td>10/30/13</td>
<td>MLG-BC Series removed from manual</td>
</tr>
<tr>
<td>11/04/13</td>
<td>Dielectric Testing Policy</td>
</tr>
</tbody>
</table>

Prawnto Shrimp Machine of Texas Co., Inc.
Prawnto™ Shrimp Machine

We manufacture the "PRAWNTO™ shrimp cutter and deveiner - the most dependable piece of equipment of its kind on the market today. Because it is powered by a ¼ hp motor and constructed of aluminum and stainless steel, and high quality standards are used in the manufacturing processes, we offer a 1-year warranty.

**What exactly does the PRAWNTO™ do?**

It cuts the shrimp down the back to any depth while destroying most of the sand vein. The shell is then easily removed by "pinching" or pulling it off from the underside. The tail can be removed or left on for any presentation required.

**What about cutting different sizes of shrimp?**

Here is the beauty of the Prawnto... It's self-adjusting for different sizes. With our NEW patented roller system only the depth knob is necessary for different depths of cut.

**Can the PRAWNTO™ butterfly?**

Yes. The cut will be deep in the front to fan the shrimp for better presentation while stopping at the tail section for efficient breading or skewering. Round cut and western cuts are also possible with the Prawnto™.

**How fast is the Prawnto™?**

An *inexperienced* operator can cut shrimp at the rate of 4,000 shrimp per hour. That rate translates into the following pounds per hour:

<table>
<thead>
<tr>
<th>Size Range</th>
<th>U-12</th>
<th>16-20</th>
<th>26-30</th>
<th>36-50</th>
<th>50-60</th>
<th>90-110</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pounds</td>
<td>300</td>
<td>200</td>
<td>128</td>
<td>84</td>
<td>65</td>
<td>36</td>
</tr>
</tbody>
</table>

An *experienced* operator can cut shrimp at the rate of 6000 shrimp per hour. That rate translates into the following pounds per hour:

<table>
<thead>
<tr>
<th>Size Range</th>
<th>U-12</th>
<th>16-20</th>
<th>26-30</th>
<th>36-50</th>
<th>50-60</th>
<th>90-110</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pounds</td>
<td>500</td>
<td>330</td>
<td>214</td>
<td>140</td>
<td>109</td>
<td>60</td>
</tr>
</tbody>
</table>

**What are the size ranges the PRAWNTO™ can handle?**

U10 down to 90/115 count green headless product. Head-on shrimp can also be run through the Prawnto.

**Will there be any damage or miss-cut shrimp?**

**NO.** With proper, simple maintenance and cleaning, the cutting blade will always cut down the center of the shrimp's back each and every time.
AVAILABLE PRODUCTS

The Prawnto™ Shrimp Machine is available in three models:

**Prawnto™ Shrimp Machine MLG-3**

**Specifications:**
Dimensions: W-11 ½", L-17 ¾", Hgt.-10 ½"
Shipping Weight: 32 Pounds

Electrical: 115V, 60 C.P.S. ¼ H.P.,, 5.1 amp
Also 220V, 50 & 60 C.P.S., 2.7 amp

**MLG-3**

(Fig. 1.1)

**Prawnto™ Shrimp Machine MLG-2K**

**Specifications:**
Dimensions: W-11 ½", L-17 ¾", Hgt.-10 ½"
Shipping Weight: 32 Pounds

Electrical: 115V, 60 C.P.S. ¼ H.P.,, 5.1 amp
Also 220V, 50 & 60 C.P.S., 2.7 amp

**MLG-2K**

(Fig. 1.2)

**Prawnto™ Shrimp Machine MLG-4**

**Specifications:**
Dimensions: W-11 ½", L-17 ¾", Hgt.-10 ½"
Shipping Weight: 34

Electrical: 115V, 60 C.P.S. ¼ H.P.,, 5 amp
Internal Cooling Fan for continuous operation
Also 220V, 50 & 60 C.P.S., 2.7 amp

**MLG-4 (SHOWN WITHOUT COVER)**

(Fig. 1.3)
Accessories

The following *Prawnto* Accessories when used with the *Prawnto Shrimp Machine MLG Series* allows for quicker and more efficient shrimp production.

**Speed Pan Model 600**

Designed with built-in funnel for faster operation if Model 900 processing station is not used. Fits any model Prawnto ever sold.

**Processing Table Model 900**

Welded 300 series stainless steel, NSF listed with 5" casters, two locking. Ergonomically correct for speed and comfort while allowing for the fastest speed of operation. It is a self-contained processing station that can be used anywhere there is a power plug. No assembly required!
Additional Products

EZ Shucker Model EZ-100

Specifications:

Height 19”
Width 12”
Length 12”
Ship Weight 13 lbs

Model EZ-100 (Fig 1.8)

The EZ Shucker quickly and easily opens oysters and other bivalves, including clams, scallops and mussels.

The EZ Shucker is safe and easy. The knife is protected by a Lexan blade guard and is easily controlled by the machine handle. The blade never points at the hand while the knife is moved with a natural patented shucking motion.

The EX Shucker is crafted from high-quality stainless steel and commercial grade plastics. There is a 90-day guarantee on all parts, material and labor.

The EZ-Shucker easily separates clusters of oysters into singles so you can save up to 50% off premium prices for select grades and still purchase top quality products.
Important Safeguards

When using electrical appliances, basic safety precautions should always be followed.

Use the following important safeguards whenever using your PRAWNTO SHRIMP CUTTER:

◊ Read all instructions!

◊ For commercial use only!

◊ To protect against risk of electrical shock do not immerse base in water or other liquid.

◊ Unplug from outlet when not in use, before putting on or taking off part and before cleaning.

◊ Avoid contacting moving parts. Never put fingers or utensils into feed or discharge areas. Never take round cutting guard off when motor is running and never operate without safety guard secured.

◊ Do not operate any appliance with a damaged cord or plug or after the appliance malfunctions, or is dropped or damaged in any manner. Return appliance to the nearest authorized service facility for examination, repair or electrical or mechanical adjustment.

◊ The use of attachments not recommended or sold by the appliance manufacturer may cause fire, electrical shock or injury.

◊ Do not let cord hang over edge of table or counter or touch hot surfaces.

◊ Always operate Prawnto Shrimp Machine with all covers and guards in place.

◊ To avoid injury, always have Prawnto Shrimp Machine in place before starting.
Cleaning Procedures

MLG Series

1. Be sure to unplug the machine before cleaning.

2. Daily – Remove the safety guard #211 by loosening the two thumb screws securing it. Remove the round cutting guard #208. With the two 5/8” wrenches provided in your tool kit, remove the blade #310S and the set of two rubber discs #313, and the nuts and washers securing those parts. (see figure 2.1)

3. With step 2 accomplished; remove the motor cover #206 by loosening the Phillips screw on each side. Next, remove the short shaft #504 by pulling it out from the front splash area after loosening the set screw securing it. (see figure 2.2)

4. With the above parts removed clean them in hot soapy water or place in the dishwasher. Then sanitized them.

5. Clean the splash area and food zone with hot soapy water, sanitize, then allow to air dry in a

6. Replace the cutting parts, aligning the blade and rubber discs as shown in the maintenance section of this manual. Replace the round cutting guard #208 and re-secure the safety guard #211 with the thumbscrews. (See figure 2.4)

7. Store machine in a clean, protected place for further use.
**Maintenance**

Prawnto Oil™ is Your Friend

The Plastic Guide Roller should be oiled DAILY with use. Also oil the Plastic Guide Roller in the event of roller chatter or squealing.

Prawnto Oil™ is recommended to increase the life of the cutting mechanism. Refer to figure 4.1 below for oiling locations.

Regardless of the number of spacer washers between the rubber discs, the blade should align to the center of the discs.

For the alignment procedures follow directions in the Alignment section.
Preventative Maintenance

In the event of unusual noise it is recommended that the cover be removed after the machine has been unplugged at the power source, and these checks be made periodically:

- Feeder disks oiled
- Pulleys tight on the shaft
  (Set screws tight)
- Shaft collars snug to the nylon washers and to shaft
  (No in or out movement)
- Belt tension snug but not too tight
  (About ¾” sag when pressure is applied between the motor pulley and top shaft pulley)

*Prawnto Shrimp Machine Co. of Texas, Inc.* stocks all parts and accessories for the *Prawnto Shrimp Cutter*. See the section on *Parts* in this manual for information on ordering parts and accessories.

To insure a quality cut down the center of the shrimp, the blade alignment should be checked periodically, for proper alignment, see the figure 5.1 above.
Proper alignment is critical to the successful operation of your Prawnto™ Shrimp Machine. Follow these simple steps to insure proper alignment for the MLG-Series machine.

1. Unplug Prawnto MLG-Series Shrimp Machine™ from power source.
2. Move Machine to a dry, clean work place.
3. With machine front facing you, unscrew Phillips screws from cover #206 and remove.
4. Unscrew thumbscrews from cover #211 and remove.
5. To remove cover #208 grasp on each side and remove by gently pulling towards you.
6. Using hex key in your Prawnto™ Tool Kit (included) loosen the set screws in the collars #426 and on pulley #423 of the rubber disk shaft.
7. Replace round cutting guard #208 with opening positioned at 12:00 o’clock.
8. Now align Rubber Disc to center of feed hole on #208 by sliding shaft from side to side.

(fig 6.1)
9. Tighten set screws in collar and pulley so as to prevent and back and forth motion of shaft.
10. Remove cutting guard #208 once more.
11. Center the cutting blade between the feeder discs (see figure 6.2).
12. Replace covers and guards # 206, # 208 and #211 and secure with screws.
13. Plug Prawnto™ shrimp machine to power source and begin cutting.
14. When #504 shaft is removed from the machine by loosening the interior set screw, be sure to replace the shaft with the screw tightening it to the flat side of the shaft.
TROUBLE SHOOTING

The Prawnto™ Shrimp Machine is the most reliable product of its kind on the market today. A simple routine of daily maintenance and oiling using Prawnto™ Oil will prevent most problems and give your Prawnto™ Shrimp Machine a long and productive life. This process is described in the Maintenance section of this manual.

MLG-Series

In the unlikely event that your Prawnto™ MLG Shrimp Machine develops problems use these simple trouble-shooting steps to resolve most issues.

The machine quits running when hot

The motor has a thermal limiter that will automatically turn the motor off before damage can occur. Turn the switch to off, unplug the machine and allow to cool. The limiter will reset to allow the motor to run. Removing the motor cover will permit faster cooling.

Squealing or chatter noise

Oil the 314 roller with Prawnto™ Oil (part #100) as shown in the maintenance section of this manual.

Knocking sound

Unplug machine and remove cover (#206) check for bearing wear or loosening of the shaft collars (#426) which may cause back and forth movement of the shaft.

Shrimp is cut off-center down the back

Make sure the blade (#310S) is centered between the two rubber discs (#313). No back and forth movement of shafts.

Shrimp is not cut down the back all the way or shell dented instead of being cut

This is caused by a dull cutting blade (#310S). Replace with a new blade, centering it as shown in the maintenance section of this manual.

Shrimp begins to tear instead of being cut

The cutting blade (#310S) needs to be cleaned, or back and forth shaft movement has caused the problem; also make sure the blade is sharp.
PARTS AND ACCESSORIES

Prawnto Shrimp Machine Co. of Texas Inc. offers replacements parts and accessories for all models.

Use the following diagrams and tables to determine any parts and accessories needed for your Prawnto™ Shrimp Machine.

There are four easy way to order parts and accessories from Prawnto Shrimp Machine Co. Of Texas,

Order by phone at 1 800 426 7254
Order by fax at 1 903 527 4951
Order by email at www.prawnto.com
Order by mail at

Prawnto Shrimp Machine Co. Of Texas, Inc.
4770 1-30W, Caddo Mills, TX., 75135

The Following Diagrams can be used to identify the parts number for the parts and accessories that you need.

**Tune Up Kit**

The Tune Up Kit can be purchased as one unit #539 or as individual pieces. It is recommended that you replace the items in the tune up kit once *every year* in the event of heavy use, and *every two years* under normal usage, or as often as necessary.

**Fan Assembly Kit**

The MLG-4 has the addition of Model 601 Fan Assembly to reduce heat build up during continuous operation. Part # 602 is the piggy-back switch connector and part #603 is the in-line connector. This kit can be purchased and used with either the MLG-3 or the MLG-4.
MLG- Series 2-4 Interior View 1

(fig 9.4)
MLG Series 2-4 Interior View 2

(fig 9.5)
MLG Series 2-4 Exterior View 1

Exterior View 2
## Parts List

<table>
<thead>
<tr>
<th>PART #</th>
<th>DESCRIPTION</th>
<th>PART #</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>100</td>
<td>Prawnto Oil</td>
<td>429S</td>
<td>Blade Washer Set of two</td>
</tr>
<tr>
<td>107</td>
<td>Motor</td>
<td>430</td>
<td>Belt 18” (4L180)</td>
</tr>
<tr>
<td>108</td>
<td>Toggle Switch</td>
<td>431</td>
<td>Belt 17” (4L170)</td>
</tr>
<tr>
<td>109</td>
<td>Power Cord</td>
<td>432</td>
<td>Belt 16” (4L160)</td>
</tr>
<tr>
<td>111</td>
<td>Nylon Strain Relief</td>
<td>433P</td>
<td>Press-in Bearing (MLG-1 &amp; MLG-2K)</td>
</tr>
<tr>
<td>112</td>
<td>Rubber Toggle Guard</td>
<td>433PBR</td>
<td>Pillow Block Bearing</td>
</tr>
<tr>
<td>113</td>
<td>Liquid-Tight Strain Relief</td>
<td>434</td>
<td>Spacer Washer (for feeder discs separation)</td>
</tr>
<tr>
<td>114</td>
<td>Ground Wire</td>
<td>434S</td>
<td>Solid Spacer</td>
</tr>
<tr>
<td>115</td>
<td>Switch Wire</td>
<td>443</td>
<td>Frame Screw with nut</td>
</tr>
<tr>
<td>203</td>
<td>Switch Guard Lock</td>
<td>445</td>
<td>Bearing Mount Screw</td>
</tr>
<tr>
<td>204</td>
<td>Switch Guard</td>
<td>446</td>
<td>Motor Cover Screw</td>
</tr>
<tr>
<td>205</td>
<td>Frame W/ Motor Support and Small Upright</td>
<td>447</td>
<td>Motor Bracket Bolt &amp; Washer</td>
</tr>
<tr>
<td>206</td>
<td>Motor Cover</td>
<td>450</td>
<td>Tool Kit</td>
</tr>
<tr>
<td>208</td>
<td>Round Cutting Guard (stainless)</td>
<td>499L</td>
<td>MLG Back-up Nut</td>
</tr>
<tr>
<td>208A</td>
<td>Round Cutting Guard (aluminum)</td>
<td>501</td>
<td>MLG Adjusting Arm</td>
</tr>
<tr>
<td>209PB</td>
<td>MLG Motor Support W/ Mounted Bearings</td>
<td>502</td>
<td>Pivot Block</td>
</tr>
<tr>
<td>211S</td>
<td>Safety Guard-Stainless</td>
<td>503</td>
<td>Adjusting Rod W/ Knob</td>
</tr>
<tr>
<td>212</td>
<td>MLG Small Upright</td>
<td>504</td>
<td>MLG Roller Shaft</td>
</tr>
<tr>
<td>213</td>
<td>Thumb Screw</td>
<td>505</td>
<td>Roller Shaft Spacer</td>
</tr>
<tr>
<td>310S</td>
<td>Serrated Stainless Blade</td>
<td>506</td>
<td>MLG Stainless Plate</td>
</tr>
<tr>
<td>313</td>
<td>Set of 2 Feeder Discs (all models)</td>
<td>508</td>
<td>¼ “ Set Collar</td>
</tr>
<tr>
<td>314</td>
<td>Roller Disc Set-up (Butterfly Roller) self adjusting</td>
<td>510</td>
<td>Cap Nut</td>
</tr>
<tr>
<td>415</td>
<td>Nylon Washer (knob assembly)</td>
<td>511</td>
<td>Foot</td>
</tr>
<tr>
<td>416</td>
<td>Hex Nut</td>
<td>512</td>
<td>Lock nut for Pivot Block</td>
</tr>
<tr>
<td>417</td>
<td>Nylon Washer (for bearing)</td>
<td>513</td>
<td>Pivot Block Bolt</td>
</tr>
<tr>
<td>418</td>
<td>Shaft for Disc and Blade</td>
<td>515</td>
<td>Spring</td>
</tr>
<tr>
<td>422</td>
<td>MLG Blade Shaft Pulley</td>
<td>539</td>
<td>Tune-Up Kit</td>
</tr>
<tr>
<td>423</td>
<td>MLG Disc Shaft Pulley</td>
<td>600</td>
<td>Speed Pan</td>
</tr>
<tr>
<td>422M</td>
<td>Motor Pulley</td>
<td>900</td>
<td>Solid Welded Process Station</td>
</tr>
<tr>
<td>426S</td>
<td>Split Collar</td>
<td>902</td>
<td>Replacement Funnel for # 900</td>
</tr>
<tr>
<td>427</td>
<td>Seal Washer</td>
<td>903</td>
<td>Replacement Hose and Clamps for # 900</td>
</tr>
</tbody>
</table>
Your Prawnto™ Shrimp Machine can make virtually any type of cut you desire. Simple adjustments may be required to make some cuts.

The experts at Prawnto Shrimp Machine Co. Of Texas, Inc. will be happy to answer any questions on how to adjust your shrimp machine to make your desired cuts.

For these and any other technical questions contact

Prawnto Shrimp Machine Co. Of Texas, Inc.

Call Toll Free
1-800-426-7254

Email
sales@prawntomachine.com

Mailing Address
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