

The Chore-Time Warranty

Chore-Time Equipment warrants each new product manufactured by it to be free from defects in material or workmanship for one year from the date of initial installation by the original purchaser. If such a defect is found by Chore-Time to exist within the one year period, Chore-Time will, at its option, (a)repair or replace such product free of charge, F.O.B. the factory of manufacture, or (b) refund to the original purchaser the original purchaser price, in lieu of such repair or replacement.

Additional extended warranties are herewith provided to the original purchaser as follows:

- 1. TURBOTM and RLXTM Fans, less motors, for three years from date of installation.
- *2. Poultry feeder pans that become unusable within five years from date of installation. Warranty prorated after three years usage.
- 3. MEAL-TIME® Hog Feeder pans that become unusable within five years of installation.
- 4. Rotating centerless augers, excluding applications involving High Moisture Corn (exceeding 18%), for ten years from date of installation. Note: MULTIFLO® and applications involving High Moisture Corn are subject to a one year warranty.
- 5. Chore-Time manufactured roll-formed steel auger tubes for ten years from date of installation.
- *6. Laying cages that become unusable within ten years. Warranty prorated after three years usage.
- *7. ULTRAFLO® Auger and ULTRAFLO® Feed Trough (except ULTRAFLO® Trough Liners) are warranted for a period of five (5) years from date of original purchase against repeated breakage of the auger or wear-through of the feed trough caused solely by the auger.

Conditions and limitations:

- 1. The product must be installed and operated in accordance with instructions published by Chore-Time or warranty will be void.
- 2. Warranty is void if all components of a system are not supplied by Chore-Time.
- 3. This product must be purchased from and installed by an authorized Chore-Time dealer or certified representative thereof, or the warranty will be void.
- 4. Malfunctions or failure resulting from misuse, abuse, negligence, alteration, accident, or lack of proper maintenance shall not be considered defects under this warranty.
- 5. This warranty applies only to systems for the care of poultry and livestock. Other applications in industry or commerce are not covered by this warranty.

Chore-Time shall not be liable for any consequential or special damage which any purchaser may suffer or claim to have suffered as a result of any defect in the product. "Consequential" or "special damages" as used herein include, but are not limited to, lost or damaged products or goods, costs of transportation, lost sales, lost orders, lost income, increased overhead, labor and incidental costs and operational inefficiencies.

THIS WARRANTY CONSTITUTES CHORE-TIME'S ENTIRE AND SOLE WARRANTY AND CHORE-TIME EXPRESSLY DISCLAIMS ANY AND ALL OTHER WARRANTIES, INCLUDING, BUT NOT LIMITED TO, EXPRESS AND IMPLIED WARRANTIES AS TO MERCHANTABILITY, FITNESS FOR PARTICULAR PURPOSE SOLD AND DESCRIPTION OR QUALITY OF THE PRODUCT FURNISHED HEREUNDER.

Any exceptions to this warranty must be authorized in writing by an officer of the company. Chore-Time reserves the right to change models and specifications at any time without notice or obligation to improve previous models.

*See separate Chore-Time Cage Wire Warranty as to these products.

CHORE-TIME EQUIPMENT, A Division of CTB, Inc. P.O. Box 2000, Milford, Indiana 46542-2000 U.S.A.

² WEIGH-MATIC_{\mathbb{R}} Scales Installation and Operator's Manual

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Legend: C = Customer (end user), D = Distributor (sales personnel), I = Installer

Support Information

The Chore-Time WEIGH-MATIC® Scale System is designed to weigh a predetermined amount of feed to be supplied to the feeding system. Using this equipment for any other purpose or in a way not within the operating recommendations specified in this manual will void the warranty and may cause personal injury and/or death.

This manual is designed to provide comprehensive planning, installation, wiring, operation, and parts listing information. The Table of Contents provides a convenient overview of the information in this manual. The Table of Contents also specifies which pages contain information for the distributor, installer, and customer (end user).

Chore-Time Equipment recognizes CE Mark and pursues compliance in all applicable products. Fill in the CE-Mark serial number in the blank space provided for future reference.

Please include the names and address of your Chore-Time Distributor and installer.

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Distributor's Name		
Distributor's Address		
Distributor's Phone	Date of Purchase	
Installer's Name		
Installer's Address		
Installer's Phone	Date of Installation	
System Specifications		
Feed Delivery System		



SAFETY INFORMATION

Caution, Warning and Danger Decals have been placed on the equipment to warn of potentially dangerous situations. Care should be taken to keep this information intact and easy to read at all times. Replace missing or damaged safety signs.

Using the equipment for purposes other than specified in this manual may cause personal injury or damage to the equipment.

Safety–Alert Symbol

This is a safety–alert symbol. When you see this symbol on your equipment, be alert to the potential for personal injury. Chore-Time equipment is designed to be installed and operated as safely as possible...however, hazards do exist.



Signal Words

Signal words are used in conjunction with the safety–alert symbol to identify the severity of the warning.

- DANGERidentifies immediate hazards which WILL result in severe personal injury or death.
- WARNING.....identifies hazards or unsafe practices which COULD result in severe personal injury or death.
- CAUTIONidentifies hazards or unsafe practices which COULD result in minor personal injury or product or property damage.



DANGER-MOVING AUGER

This decal is placed on the Clean-Out Cover of the FLEX-AUGER Control Unit.

Severe personal injury will result, if the electrical power is not disconnected, prior to servicing the equipment.



DANGER—ELECTRICAL HAZARD

Disconnect electrical power before inspecting or servicing equipment unless maintenance instructions specifically state otherwise.

Ground all electrical equipment for safety.

All electrical wiring must be done by a qualified electrician in accordance with local and national electric codes.

Ground all non-current carrying metal parts to guard against electrical shock.

With the exception of motor overload protection, electrical disconnects and over current protection are not supplied with the equipment.



Use caution when working with the Auger. Springing auger may cause personal injury.





WEIGH-MATIC® Scales Installation

Bin Location

The ULTRAPAN Feeder requires the use of a feed scale system. Chore-Time has (2) available: the (mechanical) WEIGH-MATIC, shown, and the Digital WEIGH-MATIC. Refer to the instruction manual shipped with the Digital WEIGH-MATIC for installation and operation information.

Figure 1 shows a standard WEIGH-MATIC layout. Typically, the Weigh Bin is set 8 to 10 feet (2.4 to 3 m) from the building. This varies somewhat depending on the desired height of the FLEX-AUGER System inside the building. Two 45 degree PVC elbows and one 10 foot (3 m) PVC tube are standard with the WEIGH-MATIC Fill System. To place the bin nearer to or farther from the building, additional tubes or elbows may be required.



Key Description

- 1 Storage Bin
- 2 Weigh Bin
- 3 Weigh-Matic Screener or Cover Kit
- 4 45 Degree Elbow
- 5 Straight Tube
- 6 Beam Box
- 7 WEIGH-MATIC Scale

Figure 1. Scales Installation Overview (Side View)

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The Weigh Bin can be located directly in line or at 90 degrees to the FLEX-AUGER Delivery System. See **Figure 2**.

NOTE: The maximum cable length between the Beam Box and the 34380 Control is 40' (12 m).



Figure 2. Bin Placement Options Diagram (Top View)

Figures 3 - 6 provide pad dimensions for 7' & 9' storage bins, using one pad or separate pads. Refer to the appropriate diagram. The Storage Bin may be located in line with the Weigh Bin or offset 90 degrees to one side or the other.

1. Chore-Time recommends the bin pads be approximately 12" (30 cm) thick. The surface of the concrete foundation must be level and smooth.

IMPORTANT NOTE

Allow concrete to harden completely before anchor bolt holes are drilled.

2. Use the 5978 Scale Template, as shown in **Figure 7**, or the Anchor Bolt Setting Diagram in **Figure 8**, to locate the correct position of the 16 anchor bolts for the scales. Use a 1/2 inch (13 mm) masonry drill to bore the holes at least 3 inches (75 mm) into the concrete weigh bin foundation.

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Bin pad locations & dimensions for 7' Storage Bin and Weigh Bin using two pads



Key Description

- 1 Building
- 2 7' (2.13 m) Storage Bin
- 3 Building

Figure 3. (Top View)





Figure 4. (Top View)

17.	
ney	Description

- 1 Building
- 2 9' (2.74 m) Storage Bin
- 3 Weigh Bin



Key Description

- 1 Building
- 2 7' (2.13 m) Storage Bin
- 3 Weigh Bin

Figure 5. (Top View)

Bin pad locations & dimensions for 9' Storage Bin and Weigh Bin using one pad



Key	Description		
1	Building		
2	9' (2.74) Storage Bin		
3	Weigh Bin		

Chore-Time strongly recommends use of the 5978 Scale Template to determine the location of Anchor Holes for the Scales and Bin.

- 1. The 5978 Scale Template Kit is available to quickly locate the position of the anchor holes for the Weigh-Matic Scales and Bin.
- 2. Loosely assemble the template as shown, using 5/16-18 hardware supplied.
- 3. Use a framing square to check all corners of the template. Make sure all corners of the template are square. Tighten the nuts.
- 4. Use a 1/2 inch (13 mm) carbide-tipped masonry drill bit to bore the anchor holes. The holes must be at least 3 inches (75 mm) deep to install the anchor bolts.







Front Plate5987



TWO SCALES ARE AVAILABLE

5,000 Pound (2,268 kg) Scale 8,000 Pound (3,628 kg) Scale

If larger quantities of feed are desired, divide the total feed requirements into two or more equal feedings.

Scale Assembly Installation

 Place the four Lower Main Stands and the Transverse Stand over the holes drilled in the foundation. See Figure 9 for correct placement. Install the Anchor Bolts and Safety Chain Assemblies but do not tighten the anchors until the scale levers are in position.



Figure 9.

- 2. Check all Scale Pivots and Bearings, including those on the weighbeam. They must be CLEAN AND FREE OF PAINT OR DIRT.
- 3. Attach the Legs and Leg Supports to the Beam Box. Anchor the Beam Box in place on the bin pad. See Figure 10.





Figure 10.

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4. Mount the 5789 Magnetic Actuator on the end of the Weighbeam using the two 4-40 X 3/4" Rd. Hd. Screws provided. See Figure 11.



Description Key

- 1 Magnetic Actuator
- 2 (2) 4-40 x 3/4" Rd. Hd. Screws
- 3 Note: Make sure the magnet on the arm and the switch Magnet are aligned.

Figure 11.

5. Install the Weighbeam Assembly in the Beam Box. Attach as shown in Figure 11 and 12.

BE CAREFUL NOT TO BUMP OR DAMAGE THE MAGNETIC ACTUATOR OR THE TWO PROXIMITY SENSORS WHEN INSTALLING THE WEIGHBEAM.

- 6. Adjust the two proximity sensors to give 1/8 inch (3.1 mm) clearance between them and the magnetic actuator on the Weighbeam. These adjustments provide a starting point for balancing the scale and protect the switching components during scale assembly.
- 7. Attach the Shackle to the Transverse Lever. See Figures 12 & 13. Rest the Fulcrum Pivot of the Transverse Lever on the bearings of the Transverse Stand.



Figure 12.

- 8. The Back Balance may be installed at this time or any time before the scale is to be balanced.
- 9. Hook the Steelyard Rod to the Trip Loop of the Transverse Lever and connect the other end of the rod to the Loop Assembly on the Weighbeam. Adjust the turnbuckle so that the Transverse Lever is level. See Figure 13.



Key Description

- 1 Fulcrum
- 2 Bearing
- 3 Left Main Lever Assembly
- 4 Upper Main Stand Assembly
- 5 Lower Main Stand
- 6 Transverse Stand Assembly
- 7 Load Loop Shackle
- 8 Shackle
- 9 Transverse Lever Assembly
- 10 Right Main Lever Assembly
- 11 Steelyard Rod
- 12 Trip Loop

Figure 13.

! IMPORTANT !

Tip Pivots should be positioned directly above one another. Shift Lower Main Stands as necessary to accomplish this.

Check Weigh Beam Assembly carefully following installation. Beam must pivot freely for proper operation of the scale.

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 Install the Right and Left Main Levers with their Fulcrum pivots on the bearings of the Lower Main Stands. The Main Lever's Tip Pivots rest directly above each other in the shackle. See Figure 14 & 15.



Figure 14.





- 10. Install upper main stands on the load pivots of the main levers. Place the four channel pieces over the upper main stands as shown in Figures 13 & 16. Do not stand on the channel.
- 11. Check all bearing points to be sure the bearings are centered with the pivots. **The steelyard rod must be plumb and the transverse lever must be level.**



Figure 16.

Feed Bin Installation

- 1. Assemble the 6 foot (1.8 m) diameter bin according to instructions packed with the bin. Follow the recommendations carefully.
- 2. Raise the bin onto the Main Stands of the Scale. Use the Leg Anchor Plates provided with the bin plus a 5/8 inch heavy washer at each leg to secure the bin to the Main Stands. Attach the Safety Chain to the Upper Main Stand at each leg. See Figure 17.

NOTE: The Safety Chain should not be tight.



Figure 17.

Installation of the Flex-Auger Feed Delivery System

- 1. Install a 30 degree FLEX-AUGER boot on the storage bin.
- Mount the WEIGH-MATIC Screener or Bin Fill Cap Kit on the Weigh Bin.
 Refer to the WEIGH-MATIC Screener installation section on pages 16 and 17 of this instruction.
 Refer to the Bin Fill Cap Kit Installation section on pages 18 and 19 of this instruction.
- 3. Install the auger tubes between the storage bin and weigh bin.

SEE THE FLEX-AUGER OPERATOR'S MANUAL PACKED WITH THE FLEX-AUGER FOR MORE DETAILED INSTALLATION INFORMATION.

4. Use chain or cable to support the Auger Tube to prevent sagging auger tubes.

WEIGH-MATIC® Model 90 Screener

For use with the ULTRAPAN and ULTRAFLO Breeder Feeders only. Do not use with feeder straight line feeding systems (i.e. Pan Breeder Feeder).

The WEIGH-MATIC Model 90 Screener is designed to screen foreign objects out of the feed. Whole kernel shelled corn will also be screened out of feed.

Chore-Time recommends assembling the Screener on top of the feed bin after it has been assembled and anchored in place. The bin should be assembled without the lid installed.



- 10 Flexible Drop Tube
- Drop Tube
- 11

- "U" Bolt
- 21 Foot (R.H.)

Figure 18.

Refer to Figure 18 during assembly process.

- 1. Install the Gasket on the top of the bin.
- 2. Carry the Screener Body to the top of the bin. The outlets of the bin should be in line with the direction the system will run. Use the holes drilled in the screener collar as guides to fasten the screener to the top of the bin.

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- 3. Install the Extruded Plates, Gaskets, Tube Anchor, and Control Unit Head, using the 5/16-18 hardware supplied.
- 4. The screens are shipped in halves and must be assembled. Use one Screen Retainer on each side of screens to secure the screen flanges together. Install four adjustable clamps to secure the screen halves together. Do not over-tighten clamps.
- 5. Fasten the Driver Assembly to the Power Unit Output Shaft and bolt to the Control Unit Head, using 5/16-18 hardware supplied. The Agitator will extend through the Control Unit Head and into the center of the Screener. Be sure to install the Drive Roll Pin through the Driver and Agitator to secure the blade in place.
- 6. Assemble the Motor Support Kit. The Motor Support will bolt to the top of the bin using self-drilling screws and gasket washers supplied.

Secure the "U" Bolt to the Top Channel, as shown in Figure 18. Install the "S" Hook in the top ear of the gearhead. Suspend the Motor from the Top Channel using the "S" Hook and "U" Bolt.

- 7. Fasten the Flexible Drop Tube to the Drop under the Control Unit. Securely fasten a drop tube to run the foreign material into a container on the pad.
- 8. Install the auger tubes and auger as specified in the FLEX-AUGER® Operators Manual.
- 9. Mount the Screener Connection Box to the bin leg, using hardware supplied. See Figure 19.
- 10. Refer to the wiring diagrams in this manual for wiring instructions.
- 11. Set the Screener Cover on top of the Screener and secure it in place using the over-center clamps.



Figure 19. (Side View)

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Bin Fill Cap Kit Installation

Introduction

For use with Pan Breeder Feeder or other straight line feeder only. Do not use with feeder loop systems (i.e. ULTRAPAN, ULTRAFLO Breeder Feeder).

The Fill Cap Kit replaces the existing lid on top of the receiving bin of a bin fill system.

The Fill Cap Kit includes a removable lid. This allows the receiving bin to be filled from a feed truck, etc., without disrupting the bin fill system.

Installation

Refer to Figures 20 and 21 as required for assembly.

- 1. Place the Sponge Tubing over the lip of the bin opening.
- 2. On the Twin Bin Cover Weldment, bolt the two Tube Anchor Weldments to the same end of the Cover Weldment.
- 3. Install the short Tube Anchor Weldment on the outside of the Cover Weldment. Install the long Tube Anchor Weldment on the inside of the Cover Weldment.
- 4. Set the Cover Weldment over the bin opening in line with the supply bin.
- 5. Run the auger tubes from the boot on the supply bin to the Cover Weldment.

Use a Tube Clamp to secure the auger tube(s) to the Tube Anchor Weldment(s).

- 6. Loosely attach the Driver Body to the gearhead output shaft.
- 7. Bolt the Gearhead Assembly to the Cover Weldment.
- 8. Drill holes and fasten the Cover Weldment to the bin opening with the 5/16" x 1-1/2" bolts and locknuts supplied.
- 9. Install the auger as specified in the fill system installation manual.
- 10. Set the Lid Assembly on the Cover Weldment and secure using the over center clamps.



Figure 20. Fill Cap Kit Installation (side view)



Item Description

- 1 Lid Ass'y
- 2 Driver Assembly
- 3 Over Center Clamp
- 4 Sponge Tubing
- 5 Cover Weldment
- 6 Tube Anchor Weldment
- 7 Tube Clamp

Figure 21. Fill Cap Kit Installation

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Balancing the Scales

All fill system wiring MUST BE COMPLETED before attempting to balance the scale.

Never balance the scales if any of the delivery or fill augers are empty. The Weigh Bin should have approximately 50 pounds (22.6 kg) of feed in it whenever the scales are balanced.

- 1. Turn switch "ON" at the Breeder Control.
- 2. Hold weight beam down and momentarily press switch button in beam box. This starts the fill system and it will bring feed into the weigh bin. Run delivery system long enough to bring 200 to 300 pounds (90.7 to 136 kg) of feed into the bin. Delivery capacity of the Model 90 Auger is approximately 100 pounds (45 kg) per minute. Run the fill system the appropriate length of time to achieve 200 to 300 pounds (90.7 to 136 kg) of feed in the weigh bin.
- 3. Release the Weighbeam and allow it to raise up, away from the lower proximity sensor. The fill system will stop.
- 4. Program the time clock, according to the MF1061 Instruction, to allow the incoming fill system to start (when the Weighbeam moves to the upper proximity sensor).
- 5. Raise the Weighbeam so that it moves to the upper proximity sensor. The delivery system that carries feed from the weigh bin to the building will start.
- 6. Run all but about 50 pounds (22.6 kg) of feed from the weigh bin. Some feed MUST remain in the boot. THIS WILL BE THE ZERO POINT FOR BALANCING THE SCALE.
- 7. Turn switch "OFF" at the control before making balancing adjustments.
- 8. Move poise on Weighbeam to "0" against the stop pin.
- 9. Slide back Balance Assembly along the Weighbeam until the end of the Weighbeam is centered midway between the two sensors. Lock the back Balance Assembly to the Weighbeam.
- . If finer adjustment is required, adjust the brass rod on the Back Balance until the Weighbeam is centered between the two sensors.
- 10. Check the accuracy and balance by setting the system for a small quantity of feed (20 pounds or 9 kg, for example). Cycle the fill system and make the following checks:
 - Check Weighbeam so that it does not over-travel or float when moving from an unbalanced position to the balance point.
 - Check the quantity of feed delivered by cycling and collecting feed from the weigh bin. Number of pounds or kilograms delivered should be the amount at which the scale was set.

Operation of the Scale

- 1. Make sure the time clock on the Breeder Control is set to the present time.
- 2. Pull tabs to program the starting time and length of the feeding period.
- 3. Set the poise on the Weighbeam for the desired quantity of feed.
- 4. Momentarily press switch button on the beam box until the FLEX-AUGER system bringing feed into the weigh bin starts. The FLEX-AUGER system will transfer the desired quantity of feed into the weigh bin; then it will shut off automatically.
- 5. Set poise to zero AFTER THE WEIGHBEAM REACHES THE BALANCE POINT AND THE FLEX-AUGER SYSTEM STOPS.
- 6. Feeder lines are controlled by one of the time clock channels. They will start running when the time clock signals that feeding period should begin. They will continue to run as long as feed is available or to the end of the programmed feeding time.

NOTE: Adequate time should be programmed on the time clock so that all of the measured feed is consumed during each feeding period. Monitor the feed consumption. If the measured amount of feed has not been dispensed from the weigh bin and/or the feed in the feeder line hoppers has not fed down to where the lower hopper switches cut the line off, then increase the length of feeding time.

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Lower Hopper Switches will shut off individual lines as they become empty as the measured amount of feed is dispensed.

7. The operator must manually set the scales to the amount required for next feeding and push the momentary switch to start filling the weigh bin for the next feeding.

Start-Up Procedure

Follow this procedure with new and refilled houses.

- **NOTE:** The following procedure is to be run on each loop individually. Therefore, disconnect power at each power unit on the loop not being started. Also, flip the appropriate Control Unit Toggle Switch to the OFF position.
- 1. Set the POWER switch to the ON position.

Push and hold the MANUAL FEED switch for manual operation. Allow the feeder to run long enough to clean all the foreign materials (i.e. sawdust, dirt) out of the auger tubes.

Release the switch to stop the feeder.

Repeat the above for both the other feeder loop.

2. Move feed into the weigh bin.

Open the weigh bin slide approximately 3 inches (75 mm).

3. Start the system by setting the POWER switch to the ON position.

Push the "MANUAL FILL" button on the Breeder Control, to start the fill system.

NOTE: Run the Fill System manually to allow feed to cover approximately 1/2 of the auger. Stop the Fill System periodically. This will allow the feed to be removed from the hopper and prevent over charging the feeder loop

Use the Control Unit Toggle Switch to turn the fill system on and off, as required, to prevent overloading the "unpolished" augers with feed.

NOTE: STOP THE FILL SYSTEM WHEN FEED RETURNS TO THE HOPPER(S).

- 4. Allow the feeder loop to run for approximately 5 minutes. This will polish the auger (remove oils, rust, etc.)
- 5. Turn off electrical power to the system.
- 6. Repeat the start-up procedure, above, on the second feeder loop.
- 7. If desired, the feed may be removed from the feeder loops.

Turn off electrical power to the system.

Remove the Control Feeder Pan.

Turn on electrical power to the system. Run the feeder until all the feed has been run out of the tubes.

Turn off electrical power to the system.

Dump the feed out of each feeder pan.

Remove feed from the building.

Reinstall all necessary pans.

8. Fully open the bin slide.

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WEIGH-MATIC_® Model 90 Screener Parts List Part No. 25432

ltem	Description	Part No.
1	Control Unit Head	25720
2	Seal	4873
3	Screener Body	25446
4	Clamp	6183
5***	Screen	7436
6***	Extruded Plate	22084
7***	Anchor Tube	5069
8***	Screen Retainer	24796
9	Lid Seal Gasket	5928
10	Flexible Drop Tube	25702
11	Drop Tube (not supplied w/Screener)	6381
12	Power Unit (not component of 25432)	3259-52
13*	Agitator	25674
14*	Driver Assembly	25705
15**	Top Channel	25469
16**	Corner Support	25470
17**	Support Channel	25468
18**	Foot (L.H.)	25467-1
19**	Support Channel Extension	35800
20**	"U" Bolt	28874
21**	Foot (R.H.)	25467-2
§	Junction Box Assembly	25694
	Screener Cover	25701

The entire WEIGH-MATIC Model 90 Screener including: -25432 Screener (components shown), -4347 upper boot, -9301 lower boot, -6942-25 auger, -6293 10' auger tubes, -7357 90 degree elbows, -9301 boot assembly, -5790 Beam Box, and -3259-52 power unit may be ordered under Chore-time Part No. 25790.

(6)

(8)

MF1291-5 4/96

9

(5)

(4)

(3)

(2)

(13)

*May be ordered as an assembly under Part No. 25704.

**May be ordered as an assembly under Part No. 25472.

***May be ordered as an assembly under Part No. 27426.

§Junction Box-not shown • See individual parts list on page 23.



(1)



ltem	Description	Part No.
1*	10-32 Lock Nut	6963
2*	Spring	6972
3*	Gasket	6968-1
4*	Paddle	7896
5*	Pin	6775
6*	Mounting Plate Assembly	7908
7*	Pilot Light Assembly	7044
8*	1/2" Liquid Tight Fitting	26980
9*	Switch Bracket	7068
10*	SPDT Actuator Switch	7114
11*	Switch Box	25696

ltem	Description	Part No.
12	Drop	6091
13	Slide	5073
14	Body Assembly	24268
15*	Gasket	6777
16*	Switch Box Cover	6776
	1/2" Flexible Conduit	26982-1
	Diaphragm Assembly	7900

*These items may be ordered as an assembly under part no. 25697.

The complete Control Unit (including Driver Assembly and Junction Box Assembly) may be ordered under part no. 25770.



Junction Box Assembly Part No. 25694

Description	Part No.
Junction Box Mount	25692
Junction Box (including cover)	25693
Mounting Panel	25691
Toggle Switch	7767
Toggle Switch Boot	13406
Pilot Light	7044
Terminal Block	8848
10-32 Ground Screw	4968
10 ext. Lock Washer	305
Cup Washer	5775
	Description Junction Box Mount Junction Box (including cover) Mounting Panel Toggle Switch Toggle Switch Boot Pilot Light Terminal Block 10-32 Ground Screw 10 ext. Lock Washer Cup Washer

Screener Power Unit • 60 Hz. Screener Power Unit • 50 Hz.

Key	Description	Part No.
1	Motor3/4 HP, 230V.	5051
2	90 Degree Connector	4228
3	Anti-Short Bushing	6304
4	Pipe Plug	2755
5	Magnetic Pipe Plug	30160
6	"S" Hook	4270
7	Pinion Assembly	5046
8	Vent Plug	3523
9	5/16-18x5/8" Hx Hd M S	4412-1
10	Gearhead Assembly-348 RPM	3261-7
	Complete Power Units	Part No.
3/4 H	P, 348 RPM Power Unit	3259-52

Key	Description	Part No.
1	Motor3/4 HP, 220/380 V, 3 Phs.	28034
	Motor3/4 HP, 220/380 V, 1 Phs.	6305
2	90 Degree Connector	4228
3	Anti-Short Bushing	6304
4	Pipe Plug	2755
5	Magnetic Pipe Plug	30160
6	"S" Hook	4270
7	Pinion Assembly	5046
8	Vent Plug	3523
9	5/16-18x5/8" Hx Hd M S	4412-1
10	Gearhead Assembly-425 RPM	3261-10
	Complete Power Units	Part No.

3/4 HP, 348	RPM, 3	Phs	Power	Unit	3259-104
3/4 HP, 348	RPM, 1	Phs	Power	Unit	3259-88





Key	Description	Part No.
1	Motor—1/2 HP / 230V., 1 Phs.	5050
	3/4 HP / 230V., 1 Phs.	5051
	1 HP / 230., 1 Phs.	6857
	1-1/2 HP / 230., 1 Phs.	8782
2	90 Degree Connector	4228
3	Anti-Short Bushing	6304
4	Hook-up Wire (16 AWG-orange)	2243-134
5	Ground Wire (16 AWG-bare)	2243-178
6	"S" Hook	4270
7	Pinion Assembly	
	- for 1/2 HP RPM Motor	5046
	- for 3/4 HP Motors	5046
	- for 1 HP & 1-1/2 HP Motors	6104
8	Vent Plug	3523
9	5/16-18x5/8" Hx Hd M S	4412-1
10	Gearhead Assembly-425 RPM	3261-10
	Gearhead Assembly-584 RPM	3261-13
11	3/8" Pipe Plug	2755
12	Magnetic Pipe Plug	30160
Com	plete Power UnitsPart No.	
1/2 H	IP, 425 RPM Power Unit	3259-77
3/4 H	IP, 425 RPM Power Unit	3259-78
1 HP	, 425 RPM Power Unit	3259-79
3/4 H	IP, 584 RPM Power Unit	3259-122
1 HP	, 584 RPM Power Unit	3259-123
1-1/2 I	HP, 584 RPM Power Unit	3259-124

Fill System Power Units • 60 Hz. | Fill System Power Units • 50 Hz.

Key	Description	Part No.		
1	Motor—1 HP, 3-Phs, 220- 380 V,	28035		
	1 HP, Single Phs. 220 V,	26157		
2	90 Degree Connector			
3	Anti-Short Bushing	6304		
4	Hookup Wire (16 AWG-orange)			
5	Ground Wire (16 AWG-bare)			
6	"S" Hook	4270		
7	Pinion Assembly- for 1 HP Motors	6104		
8	Vent Plug	3523		
9	5/16-18x5/8" Hx Hd M S	4412-1		
10	Gearhead Assembly-474 RPM	3261-13		
11	3/8" Pipe Plug	2755		
12	Magnetic Pipe Plug	30160		
Complete Power UnitsPart No				

Complete Power UnitsPart No.				
1 HP, 474 RPM, 3Phs, 220-380 V. P.U.	3259-107			
1 HP, 474 RPM, Single Phs, 220 V. P.U.	3259-108			



Weigh Scale Assembly



Item	Description	Part No.
1	Lower Main Stand	7A
2	Upper Main Stand Assembly	9A
3	Left Main Lever Assembly	1AL
4	Right Main Lever Assembly	1AR
5	Steelyard Rod	25
6	Trip Loop	15
7	Transverse Lever Assembly	10A
8	Shackle	19
9	Load Loop	18
10	Transverse Stand Assembly	21A

Complete 5,000 Lbs Bin Scale Assembly is Winslow Part No. CT1819. Complete 8,000 Lbs Bin Scale Assembly is Winslow Part No. CT6514.

The complete Bin Scale Components must be ordered through: Winslow Scale Company 25th and Haythorne, P.O. Box 1523 Terre Haute, IN 47808 Phone: 812/466-5265.

Beam Box Assembly: Part No. 5790



ltem	Description	Part No.	ltem
1	Case Weldment	5797	22
2	Over Center Clamp	2536	23
3	10-24 P.M. Nut	135	24
4	10-24 x 3/8" Rd. Hd. M.S.	1553	25
5	4-40 Hex Nut	3511	26
6	Trig Loop	7472	27
7	4-40 x 5/8" Rd. Hd. M.S.	3510	28
8	Proximity Sensor	6689	29
9	Liquid Tight Connector	13477	30
10	Momentary Switch	5785	31
11	Push Button Boot	20784	32
12	Terminal Block	7270	33
13	Terminal Box Decal	2529-326	
14	Switch Box Cover	6776	
15	Switch Mount Bracket	28247	Note
16	Water Tight Connector	23779	throu
17	Terminal Mount Box	28597	Wins
18	Gasket	6777	25th
19	4-40 x 3/4" Rd. Hd. M.S.	4143-2	Terre
20	Magnetic Actuator	5789	Phor
21	Terminal Mount	28599	

em	Description	Part No.
22	3/8-16x3/4 HHCS	2182
23	Pivot Bracket	5803
24	3/8-16 Hex Nut	1549
25	Weighbeam Assembly	See Note Below
26	10-24x3/8 Truss Screw	501
27	Cover Weldment	5799
28	Leg Support	5924
29	Leg Weldment	5793
30	Channel	7589
31	Romex Connector	1317
32	Resistor, 390 ohm	1709-19
33	Mounting Cover	6956

Note: The applicable Weighbeam Assembly must be ordered through: Winslow Scale Company 25th and Haythorne, P.O. Box 1523 Terre Haute, IN 47808

Phone: 812/466-5265.

9447* Weigh Beam Assembly: 5,000 lbs.



through: Winslow Scale Company 25th and Haythorne, P.O. Box 1523 Terre Haute, IN 47808 Phone: 812/466-5265.

6514* Weigh Beam Assembly: 8,000 lbs.



*The complete Weigh Beam Assembly must be ordered through:

Winslow Scale Company 25th and Haythorne, P.O. Box 1523 Terre Haute, IN 47808 Phone: 812/466-5265. This page intentionally left blank.

³⁰ WEIGH-MATIC $_{\mathbb{R}}$ Scales Installation and Operator's Manual

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³¹ WEIGH-MATIC_{\mathbb{R}} Scales Installation and Operator's Manual



Made to work. Built to last.™

Contact your nearby CHORE-TIME distributor or representative for additional parts or information. Chore-Time equipment, Inc. P.O. Box 2000 Milford, Indiana 46542-2000 Phone: 219-658-4101

³² WEIGH-MATIC_(R) Scales Installation and Operator's Manual</sub>