

# **MAINTENANCE PROCEDURES**



**Pages 25 thru 30**

# ***MAINTENANCE PROCEDURES***

## **REGULAR MAINTENANCE PROCEDURES DAILY MAINTENANCE SCHEDULE**

Do the following each day:

1. Sweep the entire batting area (pit, stalls, etc...)
2. Inspect the coin box for damage and repair as necessary.
3. Inspect batters stalls for any holes in netting, properly hung back stop pads and well marked batters boxes. Repair if necessary.
4. Walk the inside perimeter of the cage checking for ripped netting ties at lower fence, holes in net (including overhead), broken cables, and fencing connections.
5. Check pitching machine area (the pit) for netting holes, rips in netting tie downs, etc.. Repair any and all if necessary.
6. Check light box warning lights for proper operation. Replace any broken lenses or defective light bulbs.
7. Inspect ball chutes and ball guide chutes for proper alignment.
8. Inspect pinch roller wheel for damage or wear. Replace if necessary.
9. Inspect pitching wheels for damage or wear. Replace if necessary.
10. Check guide chute “microswitch” cord from light box for proper attachment. Be certain that each wire lead has a properly attached crimp-on “fork terminal” and that it is firmly connected to the microswitch leads. Replace “wire ties” that attach microswitch wire to ball guide chute if broken.
11. Manually feed balls through pitching machine and watch carefully for accurate pitches and make adjustments as necessary. Drop a token in each coin box and count the number of pitches to assure microswitch is counting correctly. Check for proper sequencing of light box (refer to light box section of Trouble Shooting Guide).
12. Turn on hopper/feeding system and observe its operation.
13. Check underneath fiberglass shroud at the bottom of the conveyor system before the machines have been turned on for any debris that could block the conveyor.  
Visually check bats for cracks and worn out grips. Replace as needed.
15. Visually check all batting helmets for cracks or defects. Replace as needed.
16. Visually check balls for excessive wear or uneven wear. Replace as needed.

**IF YOU HAVE ANY QUESTIONS ABOUT ANY OF THESE ITEMS AFTER REVIEWING AND CHECKING FOR MALFUNCTIONS, CALL “ABC” IMMEDIATELY AT (503) 390-5714.**

## **WEEKLY MAINTENANCE SCHEDULE**

Include the following after completion of your daily check:

1. Wash entire batting cage floor.
2. With pitching machine turned off, remove belt cover and check condition of belt. Then check the variable speed pulley assembly for expansion and contraction by pushing the outside of the pulley assembly back and forth. The sides of the pulley will slide back and forth over the shaft

NOTE: Batting range locations with dry or sandy surrounding areas should be certain to check these pulleys weekly.

3. Check belt tension on conveyor. Loosen or tighten if needed.

## **MONTHLY MAINTENANCE SCHEDULE**

Do the following each month:

1. Grease pillow blocks at both ends of the conveyor.
2. Lubricate shaft bearings - one pump every month per bearing. **DO NOT OVER GREASE-** this can reduce the life of the bearing.
3. Lubricate variable speed pulley every 3-4 weeks, approximately 4 pumps per grease fitting, then run speed of machine up and down 3-4 times to distribute the grease.
4. Overall visual and audio inspection every month checking for loose bolts, worn belts, loud bearings, etc...
5. Clean debris from sump area below fiberglass shroud.
6. Check roof over pitching machines for broken wood, Repair as necessary.
7. Check lighting for all cages.
8. Re-paint batting stall home plate and batters boxes as needed.
9. If your batting stall gates have auto-closing springs check them for proper tension (If your gates do not have auto-closing springs, install them).
10. Clean dust off pitching machine motors.

# MAINTENANCE PROCEDURES

## MAINTENANCE SCHEDULE

### PITCHING MACHINE

	DAILY	WEEKLY	2 WEEKS	MONTHLY	3 MONTH	6 MONTH	AS NEEDED
SHAFT BEARING - LUBRICATION (1 PUMP)				✓			
VARIABLE SPEED PULLEY - LUBE (3 PUMPS)			✓				
CRANK HANDLE - LUBRICATION				✓			
MOUNTING SADDLE - LUBRICATION					✓		
SHAFT BEARING SET SCREWS				✓			
PITCHING ACCURACY	✓						✓
WHEEL WEAR		✓					
WHEEL CLEANING			✓				
DRIVE BELT INSPECTION		✓					
MOTOR INTAKE VENT CLEANING (ONLY ON "OPEN DRIP PROOF MOTORS")				✓			

### HOPPER SYSTEM

	DAILY	WEEKLY	2 WEEKS	MONTHLY	3 MONTH	6 MONTH	AS NEEDED
HOPPER AGITATOR INSPECTION				✓			
UHMW BUSHING WEAR				✓			
POWER CORD INSPECTION		✓					
90 DEGREE DROP ALIGNMENT	✓						
PINCH ROLLER WHEEL ADJUSTMENT		✓					
PINCH ROLLER WHEEL SET SCREW			✓				
PINCH ROLLER ELECTRICAL CONNECTIONS	✓						

# MAINTENANCE PROCEDURES

## LIGHT BOX

	DAILY	WEEKLY	2 WEEKS	MONTHLY	3 MONTH	6 MONTH	AS NEEDED
BROKEN RED/AMBER LENSES	✓						
LIGHT BULBS	✓						
POWER CORDS		✓					
ELECTRICAL CONNECTIONS		✓					
CIRCUIT BOARD MOUNTING SCREWS				✓			
DOOR CLAMPS							✓

## NETTING

	DAILY	WEEKLY	2 WEEKS	MONTHLY	3 MONTH	6 MONTH	AS NEEDED
CABLE - ADJUSTMENTS							✓
HOLE REPAIR							✓
NET SLACK (FROM STRETCHING)							✓

## GENERAL

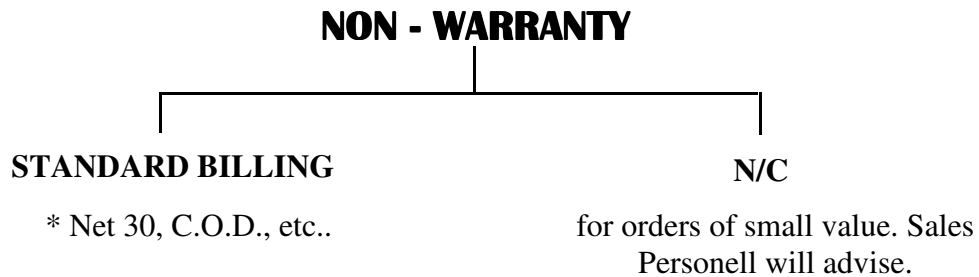
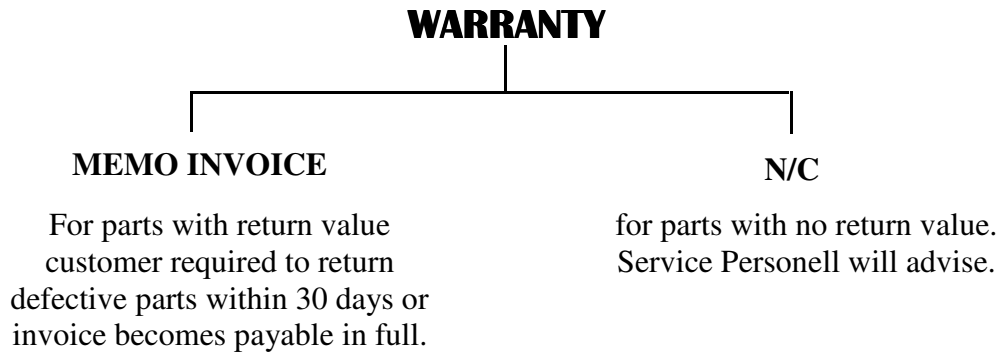
	DAILY	WEEKLY	2 WEEKS	MONTHLY	3 MONTH	6 MONTH	AS NEEDED
BATTERS BOX & HOMEPLATE				✓			
SELF CLOSING GATE DOORS	✓						
WARNING SIGN CONDITION		✓					

## COIN BOX

	DAILY	WEEKLY	2 WEEKS	MONTHLY	3 MONTH	6 MONTH	AS NEEDED
INSERT CLEANING				✓			
ELECTRICAL CONNECTIONS		✓					

# **SERVICE PROCEDURES**

Classification of part orders  
All part orders classified into two groups



\* - All parts not returned within 30 days are subject to charges.