



## Operation of the Battery Powered

# **WHEELER-DEALER**

## Automatic Soft-toss Machine

### SET UP

The only assembly necessary is to remove the Silver Plunger (found in the top packaging foam module next to the Charger) and drop it into the Solenoid once the Plastic Ramp is opened.

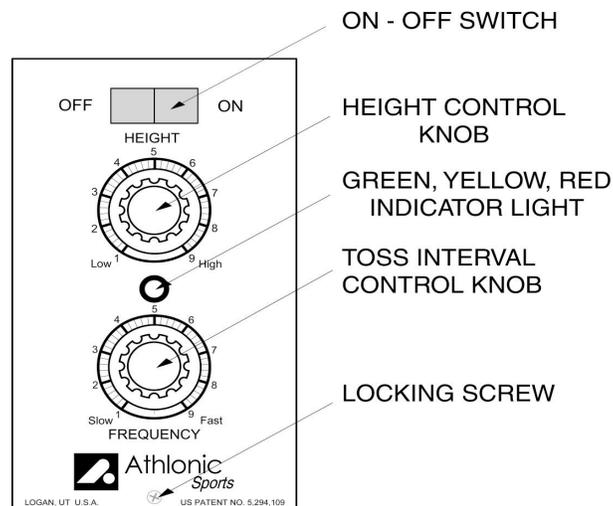
Following this just pull down the Handle by pushing in the Release Button found on its side. Once fully extended, the button snaps into place, thus locking the Handle in the down position where it now becomes the Support Leg. The Plastic Ramp is fully opened and filled with baseballs, softballs, dimple balls or whiffle balls.

NOTE: When filling the machine with balls one should be placed on the solenoid tee. This allows the hitter one more swing.

### ACTIVATION

The Control Panel is found at the rear of the black plastic Housing. Before activating the machine with the "on-off" switch, the desired height and frequency settings should be selected. Once this switch is activated, there is a two second delay before the first toss. This allows the hitter to position him or herself before swinging.

NOTE: When a different setting is desired the machine should always be turned off before the selection is made. This allows the control's brain (microprocessor) to read the new setting thus preventing any erratic timing in the toss intervals.



### CHARGING

The Battery/Control Pack contains two 12 VDC batteries wired in series to give a 24 VDC output.

The Charging Jack (Plug) is first plugged into the Charging Receptacle Hole found on the right side of the black metal Housing, then into an AC wall outlet. After a slight delay the indicator light (see figure above) on the front panel will first blink **Red** and then blink **Green** indicating the battery is **fully charged**. The indicator light has a three color range--Green, Yellow and Red. These colors indicate the following: **Green:** Full Charge. **Yellow:** Down Two volts. **Red:** Down Four Volts - **time to recharge**.

Notes: The Wheeler Dealer will **not** function while the Charging Jack is inserted in the machine.

The more often the batteries are charged i.e. the more the Indicator Light stays in the **green** zone, the longer the life of the battery.

Never charge for more than three days as an over charge may blow the internal limit fuse in the Charger.

Should the Wheeler Dealer stay idle during the off season, its batteries should be given a charge once a month and the solenoid “popped” at least 15 times—especially in colder climates. This prevents the battery cells from sulfating, a condition which cuts battery life drastically.

## MAINTENANCE

The Wheeler-Dealer is designed to need little maintenance. That required is:

1. The Ball Stops, front and rear, must be kept lubricated to insure perfect function. For best results any greasy substance such as all-purpose grease, bearing grease, Vaseline, etc. should be used. "3-in-1 Oil", "WD-40", and other lightweight lubricants should be avoided as their effectiveness is short lived.
2. The Plunger (the metal slug that comes up and strikes the ball) is chrome plated, enabling it to self-clean the Sleeve in which it slides. By inverting The Wheeler-Dealer it drops out. Occasionally, it should be cleaned with a damp rag and a little detergent if necessary. After cleaning, it is simply dropped back into the Sleeve of the Solenoid.
3. All moving parts are pre-greased at the factory. About every 6 months (depending upon usage) they should be checked to see if re-greasing might be necessary. Should it be, these parts are accessed from the bottom of the machine. The types of greases mentioned in Paragraph 1 should be used.

## TROUBLESHOOTING

Problem	Solution
Switch is turned on but nothing happens.	Is the Indicator Light blinking green? If so: Is the Battery Charger plugged into the machine? (It won't work when the Charger is plugged in). If so: Turn off Switch. Unplug The Charger. Turn Switch back on. Is the Plunger in the Solenoid? If not: Locate it and drop it in. Is the Indicator Light a solid color (green, yellow, or red)? If so: Unscrew Faceplate Locking Screw and remove Faceplate.

	<p>Are the two thick white Solenoid Power Wires connected to the Blue Connector found on the top left edge of the Control Board?</p> <p>If not: Connect it / them.</p>
The balls don't index properly. They sometimes jam up at the Front Ball Stop.	<p>Grease both Ball Stops. If problem persists: Look under Housing. Are all the moving parts in place? If not: <b>call the factory: 1-800-545-8004</b></p>
Softballs don't pass through the ramp hinges.	<p>Bend the walls of the metal ramp outward slightly at the hinge points. Somehow they have been bent inward.</p>

#### FREQUENTLY ASKED QUESTIONS:

Question	Answer
How many balls does it hold?	23 Baseballs; 17 Softballs.
What kind of balls can I use?	Baseballs, Softballs, Dimple balls, Wiffle balls, Safety Balls, and Tennis balls.
How much does it weigh?	32 LB.
What kind of fuse does it take?	1/4" x 1 /4", 30 amp- (available in most electronic stores)
Can I use it in the sand or dirt?	Not at all recommended.
Why?	Sand and moving parts are always a bummer. The sand absorbs all the lubricants and of course is a disabling abrasive.
How about on grass?	No problem.
How come sometimes some balls go higher than others?	The force striking the ball remains constant. Any variable in the ball such as weight and hardness (just like the ball coming off a bat) will have an effect on height and distance. If the same height is desired, new balls of the same type should be used.

Wheeler Dealer Automatic Soft-Toss Machines is manufactured under US Patent No. 5294109 by: **ATHLONIC SPORTS**  
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