

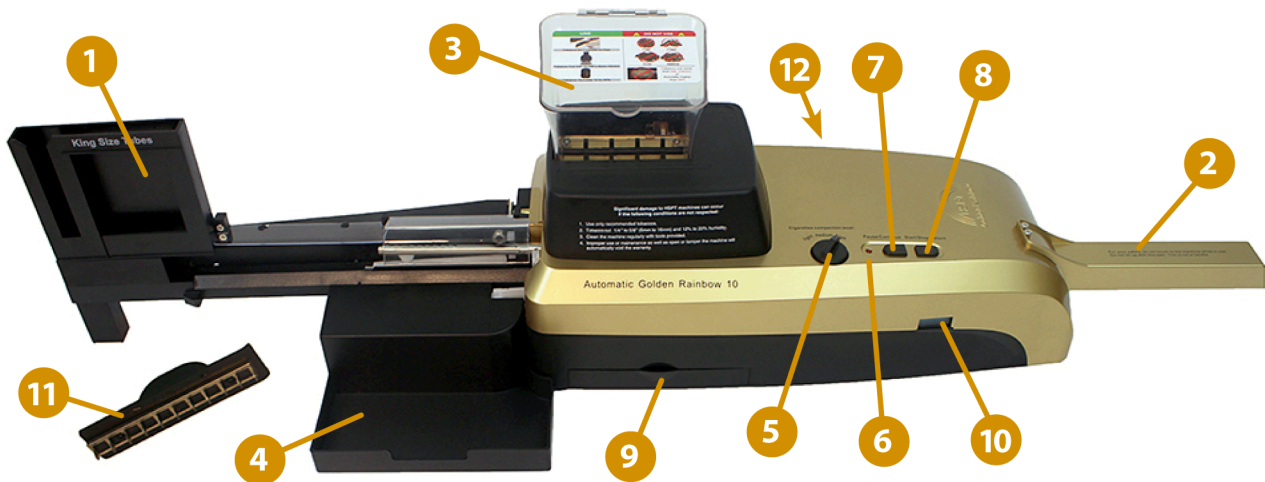


# AUTOMATIC GOLDEN RAINBOW 10.3U Cigarette Making Machine

Patent Nos:  
CN105744849A & B  
EP3032970A1, A4 & B1  
US9968126B2  
WO2015023582A1

## INSTRUCTION MANUAL

**WHAT'S IN THE BOX** (also include *clean mat, cleaning brushes and power cord*)



1. Tubes Magazine (for 10 cigarettes at a time).
2. Back carriage opening (cover to be installed).
3. Tobacco hopper (load ONLY recommended tobacco).
4. Discharge chute for cigarette (to be joined).
5. Compaction level control for cigarette density.
6. LED display for turning power on.
7. Pause/Continue cycle button.
8. Start/Stop/Return cycle button.
9. Drawer for recycling excess tobacco (which can be reused).
10. Cigarette counter.
11. Tube Catcher.
12. Plug and Power Switch (Located back of machine).



### IMPORTANT



**Tobacco moisture  
MUST be between  
1 % and 5%**



**Tobacco length  
MUST be between  
1/4" to 5/8"  
(6mm to 16mm)**

Failure to abide by standards of tobacco size cut and moisture level as defined by HSPT Golden Rainbow manufacturer will void the warranty.

**QUICK  
START** 

# QUICK START

## HOW TO INSTALL



- 1 Back Box Carriage**  
Position and fix the back box carriage to preset screw holes.



- 2 Power cord**  
Insert the power cord into the machine and plug into a power outlet.

## WHAT YOU NEED

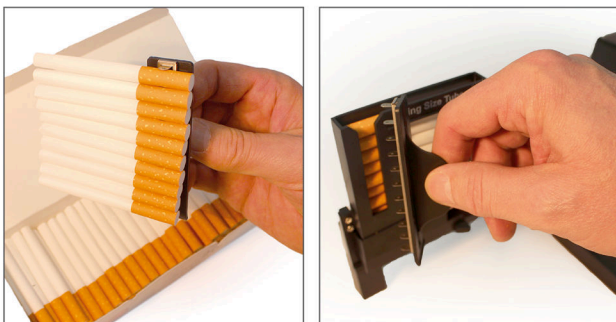


- 3 Tube catcher**  
Use KING SIZE tubes only.  
REMOVE any damaged, missshaped or 'oval' tubes from the box.



- 4 Suitable tobacco**  
Tobacco size MUST be between 1/4' to 5/8" (6mm to 16mm) and moisture MUST be between 1% to 5%.

## HOW TO OPERATE



- 5 Load tube magazine**  
Turn power on. Gently slide down the tubes in the tube opening until all tubes are loaded.



- 6 Load tobacco and start**  
Open the the tobacco hopper cover and fill with approximately 0.5oz (15g) of tobacco to make 10 cigarettes. Start a cycle.



## COMPLETE INSTRUCTIONS

### Step 1. Power

Insert the power cord into the machine and plug into a power outlet. When ready to start a cigarette making cycle turn on the power switch on the back of the machine. The front led display will turn red after a short delay.

### Step 2. Tube catcher

Remove from the box any damaged, misshaped, or "oval" tubes. Tilt the box to get the tubes perfectly aligned. Place the *tube catcher* on the tube filters with the teeth of the tool between tubes, directing the curve side of the *tube catcher* towards the right if you are right handed and left if you are left handed. With a gentle push you will be able to catch 10 tubes at once.

### Step 3. Tube loading

Gently slide down the tubes in the *tube magazine* opening until all tubes are loaded. Remove the *tube loader* by pulling it smoothly away.

While using the *tube loader* tool is the most efficient way of loading 10 tubes at once, you can also load the *tube loader* by hand. With 2 fingers, gently pick up a fresh, unwrinkled cigarette tube at the filter. With the filter on the left, at ~30 degree angle, introduce the tube filter first in the *tube loader*. Drop the tube. Ensure that the tube is being placed correctly and gently in the *tube loader*. Do not force the tube into the *tube loader*. Repeat the operation until you have loaded all ten tubes. **Note: Any damaged tubes will disturb a proper cigarette making cycle.**

### Step 4. Tobacco loading

Use only tobaccos shown in the table printed on the tobacco hopper cover: the moisture level of the tobacco **MUST** be between 1% to 5% and the length of the tobacco cut **MUST** be between 1/4" to 5/8" (6mm to 16mm). The tobacco chopper and moisture meter supplied with the *Automatic HSPT Golden Rainbow 10.3 U* will help you adjust your tobacco to the perfect usage standards. Open the tobacco hopper cover and fill with ~0.5 oz (15 g) of tobacco to make 10 cigarettes, then close the cover. **Note: Use of tobacco outside these specifications will jam and possibly damage the machine.**

### Step 5. Starting the cycle and completion

Set-up the tobacco compaction needed on the level control-setting knob (1 to 3). As you raise the level control setting you will get a higher degree of compaction in the tube. Through trial and error you can determine the best compact setting based on your own test and the size of the filter of your favorite cigarette tube brand supplier. Softly press the "Start/stop/return" button one time to start the machine. This will produce 10 quality cigarettes automatically in 2.5 minutes. The machine will automatically stop at the end of the 10 cigarettes cycle.



**If a problem occurs during cigarette cycle production, press the "Pause /Continue" button once and fix the issue by removing deteriorated material like damaged cigarette tubes or by removing excess tobacco, then resume the cigarette making cycle by pressing the "Pause/Continue" button once again.**

## HOW TO CLEAN



1

### Empty hopper

Remove the drawer for excess tobacco.



2

### Brush and run cycle

With the cleaning brushes provided, clean the tobacco wheel feeder inside the hopper.

**CAUTION:** Turn off the power switch and unplug the machine. To avoid leaving tobacco resulting in substandard level of moisture, remove the remaining tobacco from the hopper. With the cleaning brushes provided, clean the tobacco wheel feeder inside the hopper by pushing tobacco inside the tobacco chamber (bottom of the tobacco hopper). Then, close the tobacco hopper cover. Turn the machine back on and run the machine for one cycle with the tube magazine empty to clean the excess tobacco. Turn the machine off again with the back power switch. Next, remove the drawer for excess tobacco, and empty the surplus tobacco in its container as well as the tobacco from the cleaning process, which might still remain on the cleaning mat (supplied).

## RECOMMENDATIONS AND SAFETY



HSPT Golden Rainbow 10.3 U users must be of legal smoking age to use the machine.

Keep the machine and accessories away from children.

Keep the Machine in a dry environment and away from liquids.

Always ensure the machine is unplugged from the electrical outlet before relocating, assembling, disassembling, or cleaning it.

**Don't touch the machine when in use, some mobile part can cause injury.**

## TROUBLESHOOTING

### Machine doesn't start its cycle ?

Is the red LED light on front of the machine on?

If not, check if the AC cord is correctly plugged into the machine and/or to an AC plug.

Turn on the back switch and wait for the front red led turn on (expect slight delay)

### Cigarette not compacted enough ?

Pause the cycle and check:

- That the set-up of the *level control setting* is correct. Increase compaction level if needed.
- That there is enough tobacco in the tobacco hopper.
- That the star wheels in the hopper do not have tobacco caught in the gears.
- That the tobacco size cut is at recommended standards (1/4" to 5/8" or 6mm to 16mm)
- That the tobacco moisture is at recommended standard (1% to 5%)

### Cigarettes cycle messed-up ?

Pause the cycle and check:

- That tubes are properly loaded and/or well aligned in the tube loader
- That no tubes are damaged in the *tube loader*: Oval-shaped,, wrinkled, etc.
- That tobacco size is at standard (1/4" to 5/8" or 6mm to 16mm)
- That Tobacco moisture is at recommended standard (1% to 5%)
- That tube debris stays at exit of *tobacco hopper*
- That the cleaning process was completed at the end of previous cigarette cycle

## WARRANTY

From the date of purchase, the Automatic HSPT Golden Rainbow 10.3 U comes with a one year limited warranty or 20,000 cigarettes made whichever come first. Please keep your proof of purchase. - The warranty covers repair of defective parts and workmanship if the machine was used according to the owner's manual and manufacturer's recommendations; including tobacco size cut and moisture standards. -

### Void of the Warranty

If is Failure to abide by standards of tobacco size cut and moisture level as defined by HSPT Golden Rainbow manufacturer.

If Physical or other damages caused by misuse, abuse, neglect, alterations, unauthorized repair, and machine opening without manufacturer agreement or lack of proper maintenance. Commercial use.

If the unique machine Serial Number as well as the Quality Control stickers are removed, replaced, or broke and does not match the machine, it's original parts, and/or electronic components.

### Warranty Exclusions

Cleaning brushes and mat., Shredder, Hygrometer

Machine and accessories returned to factory must be cleaned and properly packed in an appropriately sized box for return.



**AUTOMATIC GOLDEN  
RAINBOW 10.3 U+**  
**Cigarette Making Machine**



Visit our website at  
[www.hsptgoldenrainbow.eu](http://www.hsptgoldenrainbow.eu)