

TRRACER™

QUICK START MANUAL

Read the full Operator's Manual for technical information, usage instructions and maintenance tips for your Trracer marker.
The full manual can be found on the CD enclosed with the marker or by contacting Paintball Solutions at 1-800-220-3222 or at www.paintballsolutions.com.

Safe Marker Handling

IMPORTANT: Never carry your marker uncased when not on a playing field. The non-playing public and law enforcement personnel may not be able to distinguish between a paintball marker and firearm. For your own safety and to protect the image of the sport, always carry your marker in a suitable marker case or in the box in which it was shipped.

- Treat every marker as if it were loaded.
- Never look down the barrel of a paintball marker.
- Keep the marker in "safe mode" until ready to shoot, safety on and barrel blocking device installed in/on the marker's barrel.
- Keep your finger off the trigger until ready to shoot.
- Never point the marker at anything you don't wish to shoot.
- Keep the barrel blocking device in/on the marker's barrel when not shooting.
- Always remove paintballs and the air source before disassembly.
- After removing the air source, point marker in safe direction and discharge until marker is degassed.
- Store the marker unloaded and degassed in a secure place.
- Follow warnings listed on the air source for handling and storage.
- Do not shoot at fragile objects such as windows.
- Every person within range must wear eye, face and ear protection designed specifically to stop paintballs and meeting ASTM standard F1776.
- Always measure your marker's velocity before playing paintball and never shoot at velocities in excess of 300 feet-per-second (91.44 meters-per-second).

NOTE: Eye protective devices designed specifically for paintball use must be worn by the operator and anyone within range.

Safety and Safe Mode

The safety is a small mechanical slide on the left side of the marker above the trigger. When the safety is "Off", a red dot is visible on the marker. When the Safety is "On", no red dot will be visible and the marker will not fire.

Feed Elbow Installation

- Install the feed elbow before installing the barrel.
- Press and hold the retention button located on the side of the feed elbow.
- Slide the elbow onto the front of the picatinny rail.
- Line up the elbow with the feed hole on the right side of the body.
- Check that the elbow is locked in place, properly aligned, and that the spring-loaded retention button is lined up with a gap on the picatinny rail.

Barrel Installation

- While pointing marker in a safe direction, slide the barrel thru the pump handle and thread into the front opening of the marker body.
- Turn the barrel clockwise until it stops (do not over tighten).
- Install a barrel blocking device. This can be a barrel plug or other such device that prevents the accidental discharge of a paintball.

Loader Installation

- Press the loader into the opening of the feed elbow until it stops.

- Align the loader so that the lid is pointing to the rear and the loader is parallel with the marker.
- Clamp the loader in place by tightening the clamp arm; it may be necessary to adjust the clamp. Do not over tighten the loader.

Feed Elbow Clamp Adjustment

The feed elbow clamp may need adjustment for different types/brands of loaders. Adjust the clamp using a 3/32" Allen wrench, turning the screw clockwise will increase the clamping force, while turning in counter clockwise will decrease the clamping force.

Pressurizing your Marker

- While pointing the marker in a safe direction, locate the ASA (air source adapter). The Trracer ASA is located at the back of the body.
- Insert the threaded end of the air cylinder into the ASA.
- Without pushing the cylinder, twist the cylinder clockwise and allow the threads to draw the cylinder into the marker's ASA until it stops. Your marker is now charged.

Firing your Marker

Warning: Always keep your marker pointed in a safe direction! Everyone within firing range should always use paintball approved eye and face protection in the presence of live paintball markers. Make sure the marker is set to "safe mode", before following the steps below.

- Install the air cylinder, pressurizing the marker.
- Put the paintballs into the loader.
- Using the pump handle, load a paintball by sliding the pump back then forward.
- Remove the barrel-blocking device.
- Aim the marker in a safe direction.
- Set the safety to the "fire" position, safety off.
- Aim the marker at the target.
- Place your finger on the trigger.
- Pull the trigger with a smooth squeezing motion.

Velocity Adjustment

Always check the velocity of the marker prior to playing paintball. Different playing fields may have different maximum velocity limits. At no time should you shoot at velocities above 300 feet-per-second (91.44 meters-per-second).

- Point the Empire marker over a chronograph that will measure the velocity of the paintballs discharged by the marker.
- Set the marker to "fire" mode.
- Pull the trigger and check the reading on the chronograph.
- Insert the velocity adjuster Allen wrench into the Trracer's barrel and slide it in till it stops, being careful not to damage the barrel.
- Turn the wrench slightly until you feel it lock into the velocity adjuster.
- Turn the wrench inward or clockwise to increase the velocity, and outward or counterclockwise to lower the velocity of the paintballs discharged from the marker.