

PyroShot High Speed CO2 usage:

The following chart illustrates the results of operational testing here at Field Support Services to determine the number of Dragon Eggs one can expect to be able to launch from the PyroShot HS using standard size CO2 containers.

Container size	# of shots @ 130 psi Unstuffed = 8.5 cu in	# of shots @ 50 psi Stuffed = 4.5 cu in
20 ounces (pin bottle)	115	210
Five pound tank	470	840
Ten pound tank	940	1680
Twenty pound tank	1880	3360

Note 1. Both lowering the operational gas pressure and reducing the shot tank volume will reduce the volume of gas used per shot. These figures are for both ends of the operational range: high pressure with maximum shot tank volume versus low pressure with reduced shot tank volume.

Note 2. These numbers should be used conservatively, as several “unloaded” discharges are required to set the gas pressure each time there is an adjustment, and inexperienced operators will generally hold the trigger open longer than necessary when firing, allowing unused gas to escape.