DIY compressed air BB machine gun.

This step-by-step building instruction shows you how to build a simple compressed air BB machine gun with common available parts. The BB machine gun pictured in this build has a 6 litre air supply and a magazine holding 1000+ BB:s. The rate of fire is around 150+ BB/sec. The 6 litre air canister holds enough compressed air to empty the magazine when filled. This machine gun is specifically designed to handle steel BB:s.

The air canister can be filled with an ordinary bicycle pump, but will not perform as good as if it were filled with a refrigerator compressor or equivalent. No exotic tools are needed to complete this project.
Before you solder all parts together you need to add a small airflow restricting plug (approximately 1.5mm hole) inside the barrel pipe in order to get a reliable BB feeding. This is particularly important if you intend to use a long magazine hose like the one in this build. The main airflow should run through the magazine hose.