

HOW IT IS MADE AND HOW IT WORKS

The gun is called hydraulic because it uses water stored at high pressure to throw out the spear.

The gun needs:

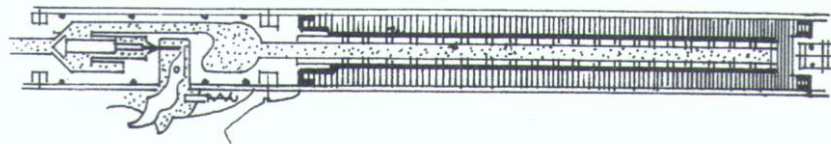
- to be prepared once at the beginning of the season
- to be loaded after each shot by means of quick muscular action.

The gun is provided with a permanent supply of compressed air, substantially inalienable during the season, and that should be checked and restored at the beginning of the season by means of a suitable feeder. Said air is held and insulated by an elastic bladder.

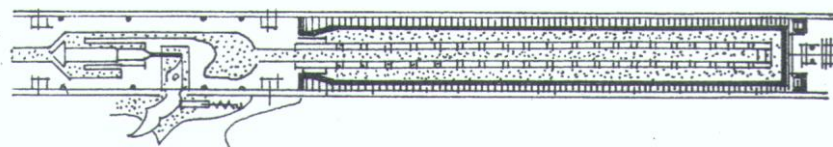
The gun is loaded by the spear or the compressor (if any) introducing water into the gun body.

Said water expands the bladder that, on its turn, compresses the air supply until said air reaches a final pressure as high as 100 atmospheres. Of course, said air will operate exactly like a spring. The most perfect and most powerful spring in the world.

Actually, when firing the trigger, through an ingenious and patented set of valves, releases the water that, thrust by the air tending to return to its original volume, throws out the spear equipped at the bottom with a final sealing piston



air surrounds and presses the bladder



water expands the bladder and presses the air up to 100 atm.