



THE PROPER OPERATION AND CARE OF THE HUBEN HAND PUMP:

Let's be honest, no one likes to use a Hand Pump, it is hard work pumping up your, PCP Air Rifle, Air Tank etc. It is great for a cardio workout... well mostly upper body and arms.

The Huben Hand Pump can pump to 350 Bar easier, than any other pump on the market, can pump to 180 Bar!

This is the proper way to use the Huben Pump:

Do not pump fast, as that will generate more heat and wear out the o-rings and seals prematurely.!

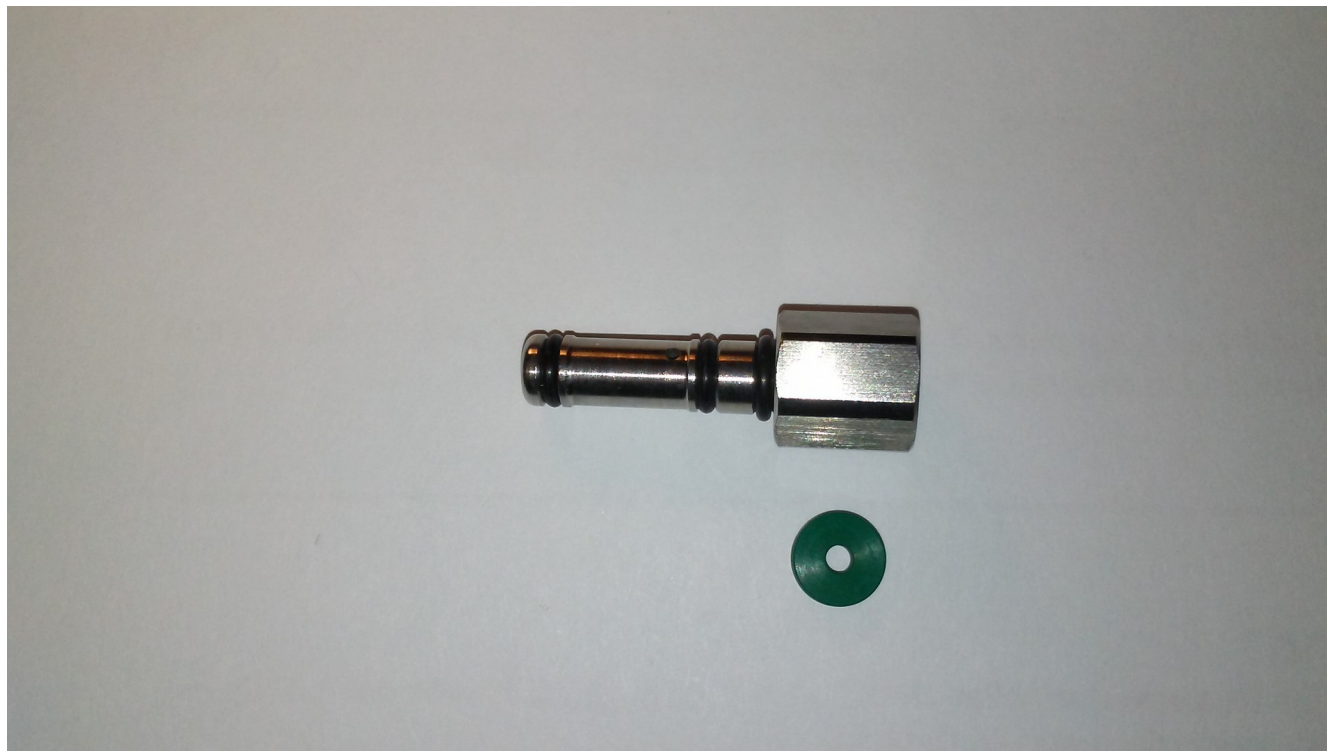
Pump slow and steady, and pause at the top of the stroke for a second, this allow the full amount of air to be drawn in, so on the down stroke you have maximum air being pumped.

Pause at the bottom of the stroke, to allow the air you just compressed, to move into the next chamber.

Compressing Air Generates HEAT, so does the friction of the seals and o-rings on the pump, never pump more than 25 strokes in a row, if you put your hand on the main outer tube and it is very warm or hot, it is recommended to let the pump cool down!

Putting your Huben Hand Pump Together:

While the pump is fully assembled you do have to put on the Fill Probe or the connector of your choice, the male threads are M8 x 1.0 straight metric thread.



(Huben Fill Probe and Green Seal)

In the little zip lock baggie is the spare set of seals and o-rings, the Fill probe for the Huben K1 Air Rifle, and the Green Urethane seal this is what is used to seal the pump fitting, place the Green seal into the female threaded portion of the Fill Probe, (do not use anything sharp) use something blunt to push the seal lightly, to make sure it is laying flat,, Hand thread the Fill Probe onto the pump hose fitting till firmly seated, take two wrenches of the proper size and turn $\frac{1}{4}$ to $\frac{1}{2}$ turn and check for any leaks.

(Caution: Do not over tighten, you will crush the green seal, and it will close the hole in the center of the seal, and it will not pass air)

Connect your hand pump to your K1, or other air gun or air tank. Mix up a few drops of dish soap with water mix well, then brush it on the fitting that you just put together. Pump about 25 times and using the soapy water check for bubbles... if you see any, tighten it just a little more about 1/8 of a turn and check again for bubbles, you may have to apply more soapy water, till it is sealed. Once it is sealed, rinse off all the soapy water with fresh tap water, as the soap will corrode the fittings, and dry it with a towel.

Maintenance:

There is a small bottle that came with your pump, this is to be filled with clean 30 weight non-detergent motor oil.

Apply one drop of oil every 200 pumps into the air inlet port.



Lubricate the outer pump tube, every 200 pumps, fully extend the pump handle, apply 2 to 4 drops of oil onto the inner main tube, and spread it out around the upper area, the pumping action will spread it the rest of the way.



Having a PCP Hand Pump is just in case the electricity is out, it can be used to pump up more than just your air rifles...

If you are out hunting, carry it in a back pack or sling, to keep your Air Rifles air tank topped off.!

After two or five shots, you can top off your Air Rifle, so that you are at max shot count and max power all the time!

The Huben Hand Pump, is half the weight of other pumps on the market, and none of them so far can pump to 5075 psi.

Happy hunting!