

Going Ballistic!

PART 2

Mark Camoccio concludes his test of Weihrauch's new revolutionary HW110K

Last month, we began taking a look at the latest pint-sized sporter from Weihrauch, the HW110K, and now it's time for the business end of the test.

With a scope securely bolted into place, correctly set for eye relief, the next stage is to fill the cylinder. Weihrauch specify a fill pressure of 200bar, and with a manometer sitting at the front of the cylinder, keeping a check on residual pressure is simple – if a little disquieting! Yes, I will continue to highlight the folly of having to position the head anywhere near the barrel, just to see the gauge, but several manufacturers still fall foul of the logic.

The same filler probe adaptor is utilised, as with the HW100 series, and this is undoubtedly quick and easy. First pull out the small nylon plug in the inlet valve, then push the probe, with airline attached, into the valve and slowly fill to the prescribed pressure. With any such probe system, I would always advise to check that the probe is still fully inserted after a short while, just to be super-safe. Remove, and re-insert the plug.

The main cylinder is charged in situ here, but the fact that the cylinder can be easily unscrewed at any point, has to make sense. Speak to Weihrauch, and they adopt an unofficial testing regimen of inspecting the gun's cylinder after ten years of regular use. I reckon it's a great idea, and it would be nice to see other manufacturers building in such features, to deal with the testing of air vessels further down the line. Good practice for the industry, for sure, especially when you consider the age of some PCPs now in the system.

MAG' POSITION

So to the magazine; Weihrauch supply two 10-shot mag's with this model, and filling is simple, just requiring a pellet to be inserted into each chamber and making sure that they sit flush. Next, pull the

Confidence in the field is a given





sidelever back until the hammer and trigger mechanism are set. Now insert the mag' into the slot within the action, from the right-hand side, whilst pulling up the magazine retaining catch. This is identical to the standard HW110, and I have to admit, I do find it a somewhat fiddly operation – my main negative for an otherwise brilliant airgun. It's a two handed job, and the mag' requires a nudge or two on occasions, to allow the lever to be closed. You know when all is set correctly because the mag' retaining catch sits level.

Get the mag' into position however, and subsequent cocking and cycling of the action thereafter, is as sweet as can be!

ABOVE LEFT: Probe-style charging is quick and easy

ABOVE RIGHT: Not the best place for a gauge

BELOW LEFT: The Weihrauch magazine is robust in operation

BELOW RIGHT: Fitting the mag' is a bit fiddly; note the retaining clip under the lever

IN THE AIM

Shoulder the HW110K, and the configuration of the stock comes into play nicely. That said, I am of a fairly large build, and would appreciate the fore end to be a few inches longer, to accommodate the rather more gangly among us. It would add nothing to the overall length, after all. The small Picatinny mount on the underside is a neat idea too, meaning the fitting of a lamp or laser is an option, for those who feel the need.

As for Weihrauch's silencer, fitted as standard here, the muted muzzle report is testament to its effectiveness, and here's another key detail; the multi-shot mechanism



cannot be made to double-load pellets, which is a huge advantage against many rivals. Weihrauch always allocate resources to the trigger, and the HW110K sports a particularly subtle unit, that despite a plastic blade, trips with admirable precision. Down-range accuracy hangs on such detail, and with faultless performance from the silky sidelever for the duration of the test, it's a big thumbs up in the reliability stakes.

STATS AND FIGURES

Weihrauch specify the HW110K action as self-regulating, and offer 60 shots as a guide in .177 calibre, and 75 in .22. I had a .177 version, ↘





and from a 200bar fill pressure, managed 78 shots, all within 19fps, using Air Arms Diabolo Field pellets straight from the tin. Impressive stuff in anyone's book.

From a rest, I chalked up some excellent groups of 9mm over 40yds, but adopting a kneeling position, at 25yds, I still produced several groups the size of a five-pence piece – yes, really! Stunning, and all the evidence I needed of the potential for this new kid on the block. Shooting from a standing position was a challenge because I needed more weight at the front, but as it stands, this is a superb piece of machinery.

VERDICT

As mentioned, I've been lucky enough to see first-hand the level

ABOVE LEFT: Cocking the sidelever is super-slick

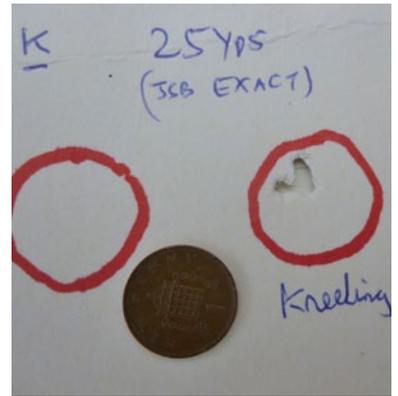
ABOVE RIGHT: Stunning accuracy was easily come by

BELOW: Smart and perfectly formed - the Weihrauch HW110K

of commitment and expertise that Weihrauch apply to their manufacturing operation, and the HW110K is a truly stunning air rifle. Modern materials such as ballistic polymer clearly have a place in gun production, and this model still feels every inch a top-class pedigree model, despite those synthetic components.

The HW110 has been extremely well received by customers and this latest pint-sized version, just widens the appeal of the concept.

As for performance, with that factory silencer in place, quality trigger and high-grade Weihrauch barrel, the result is an ultra-slick 'tack driver', that's super-quiet, and extremely civilised to shoot – the HW110K is a classic Weihrauch in a slightly smaller package! ■



TECHNICAL SPECIFICATION

Manufacturer: Weihrauch

Model: HW110K

Country of Origin: Germany

Type: Regulated multi-shot PCP

Calibre: .177 on test/ .22 available

Weight: 6lbs 8oz

Length: 34.5 inches inc silencer

Barrel: 12.5 inches

Stock: Black rubber-coated wood

Power Source: External bottle or pump

Trigger: 2-stage adjustable

Fill Pressure: 200 bar max

Shot Count: Factory claim 60 approx in .177 / 75 in .22

Velocity: - on test using AA

Diabolo Field from 200bar high 770fps

low 751fps

ave 766fps

spread 19fps 78 shots before drop

Energy: 11mft.lbs. ave' on test

RRP: £700 guide price including two 10-shot rotary magazines and filling probe

Options: Thumbhole stock/full-length action

Contact: Hull Cartridge Company
01482 342571

RRP £700

