

Miniature Arms

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The Journal of the
Miniature Arms
Collectors/Makers
Society



FRANZ PFANNL'S MINIATURES

**GUNS
AT THE
LAS VEGAS
SHOW**



**A ROGER RONNIE
LEFEVER SHOTGUN**

Also in
this issue:

George Wenzek &
Robert Adolphi

Jon Hintz
Tranter

Carmen's
Supershop

ROGER RONNIE

LEFEVER

SHOTGUN



In our October 2007 issue we featured this Roger Ronnie made, mini Lefever shotgun as a work in progress. After months more work, it is finally finished. For the very first time, the entire gun is together and functioning, and presented here for your enjoyment.

Unlike some makers, Roger Ronnie is involved in all aspects of a guns construction, from machine work, to metal finishing, to hand engraving, to stock carving

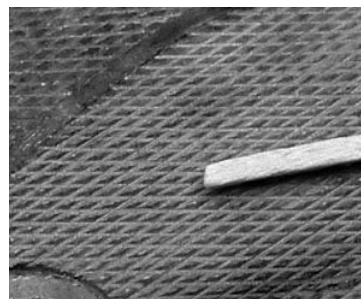
and checkering, a combinations of skills unique among mini makers.

The tiny scale and smooth scrolls of the engraving, alone, make this a masterpiece of miniature arms. Add to these attributes, the beautiful stock work and checkering, and we see why Roger is a member of the internet Master Craftsman Museum.

In our January 2008 issue, we passed on some of Roger's advise on engraving and graver sharpening. After receiving the images of the

checkering done on this piece - at between 64 and 80 lines per inch - I spoke with Roger about his technique. As expected, checkering this tiny requires special tools, the most important being the tool used to cut the grooves. Roger makes his own checkering tools, by grinding a flat, similar to that on an engraving tool, on the end of a three sided needle file. He takes great care in selecting the file, making sure that it has a nice sharp edge, as all files are not created equal.

The overall patter is first mark on the stock with pencil. After the



A wood match stick gives a good idea of how small the checkering is.



Above, shown slightly enlarged is the completed receiver with total engraving coverage. Also note the engraved screw to the right of the duck scene. OAL of the receiver is 3/34"



Above: shown enlarged is the lock plate. The tight scroll work, and beautifully drawn duck scene make this mini Lefever Arms Co. Shotgun a show-stopper.



Left: the tiny, line spacing tool.

first line is cut, other lines are spaced by rolling a special spacing tool into the already cut groove to mark the distance to the next line. Above we see the roller tool that Roger made. It consists of two disks, one slightly larger in diameter, mounted side by side to act as rollers. The larger disk rides in the already cut groove, the smaller marks the next line to be cut with the file. The thickness of the disks determines how far apart the lines will be.



Left: the heel of the stock.

Below: the checkered forestock, with engraved, inset screw plate.

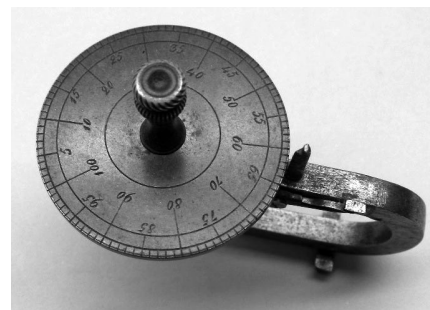


Antique MiniTools

ED. Member Roger Ronnie sent in the following.



Above: An 1876 engraving block with a wax frog. The wax frog held 3 different types of transfer wax. Back in the 1800's, the wax frog was 50 cents and it came full of wax. It was a cast iron 'disposable' wax container. **Roger**



Above: Is one of the earliest forms of micrometer I've ever seen. Not sur on the age, but I would guess by the style of the tool it would be 1740 to 1750. It's a very early watch tool, since it is in mm. The little bar on the side points to a scale from 0 to 6, the 1 1/2" dial goes from 0 to 100. **Roger**