

Church of God Publishing House  
Meridian, Idaho

May 8th, 1969

Dear Brother Mote;

Christian greetings Bro. Mote. It was good to hear from you again and know that your are pressing on. I haven't been in the Office very often the last year, but was here when your letter came and showed it to Bro. Walker. He appreciated your comments on his article.

You asked about our printing operation. We have used an offset press for quite a number of years, but have improved the photograpy etc from time to time. If you plan to change over you should take some training somewhere. It would be nice if you could come up here for a few days especially for the color work. A printer near here was kind enough to tell Bro. Stucker how to do it at very little cost. Most of the photographic equipment has been homemade. To begin with Bro. Claud Ellis bought a "surplus" ariel Camera which came to \$1600. ~~it~~(to the Gov.) From that we have built the whole process.

1. The material is typed out on an IBM typewriter. You can get them for about \$300 second hand. You type a line once and then seeing how much space it takes you type it again off to the right in another column. The second time you make the margin straight. It it then proof-read and the corrections simply stuck on top of the errors.

2. Next it is placed under a glass cover which is hinged on one side. The glass shuts down holding the printed or typed material flat. This arrangement pivots at the center so that it can now be placed in a plumb position. In addition it runs on a track to or from the camera for focusing. Between it and the dark-room where the camera is there are a number of strong lights which illuminate the material to be printed or rather photographed. Going inside the

dark-room we find another vertical plate which has a vacuum to suck the negative tight against itself. The picture is then taken and the negative developed. Next an aluminum plate is exposed and the material transfers onto the plate which is sensitized chemically. The negative probably costs about 50¢ and the plate the same. The plate is called the "master" and is then ready for the press. Bro. Stucker has speeded the press up so that it prints around ten thousand an hour.

One of the advantages of the offset process over the old method is the versatility of design which can be achieved. You simply cut the design you want in a paper mask and then photograph it with the mask over the material you don't want exposed. It isn't an especially fast process because the material has to be typed twice. We are supposed to be getting a justawriter which costs several thousand dollars. With it you simply type it once and the machine does it the second time at the rate of one hundred words per minute and justifies the margin automatically.

It would pay you to have someone show you how to set up the process as it takes so long alone.

Yours because of Him

  
F. Mark Burnham