

FIREARMSSHOTGUNSWOOD PRESS FORMING

Maintaining the steel dies for the Model 870 press has been a continuing production problem. The first of the stainless steel master dies is being tried out. Revisions are required in order to match with the profile die. Production will be somewhat limited until the four (two master and two matching profile) stainless steel dies have been completed. This will require six months. When one set of stainless dies is completed, the original sets of steel dies can be used to maintain production.

For the Model 1100, 12, 16 and 20 gauge press forming of Stocks, drawings of the master and form machines are being revised to include improvements. A decision to machine dies from stainless steel forgings or a casting should be made in April. The schedule is for production to start June 1970.

The economics for the press forming of Model 742-760 regular grade Stock indicates a gross annual savings of \$64,950 and a 20.8% return on capital investment of \$169,000. A return of 10.1% is indicated on total expenditures of \$338,800. The project should be reviewed at the May Board Meeting.

R & D reported that development work to press form the Model 870 Fore End is continuing. The possibility of pressing the form before and after inletting is being investigated. The latter method seems to be the most feasible as it reduces the possibility of marks and scratches.

MODEL 870 BRUSHMASTER AND  
MODEL 1100 DEER GUN, 20 GAUGE

Production reported that one hundred and fifty-eight (158) Model 870 and two hundred and ninety-one (291) Model 1100, 20 gauge deer guns have been produced to the warehouse. Additional guns will be produced as required to meet production schedules.