

PRELIMINARY MACHINERY AND SPACE ESTIMATES
FOR THE MODEL 3200 OVER AND UNDER SHOTGUN

As stated, machinery requirements were calculated on a 2-shift, 5-day operation. (The N/C machines may require some third shift operation.)

The preliminary concept is that wood would be processed using current equipment through the sizing operations; then processed and finished in a separate area and returned to existing equipment for the RK-W and back to the separate area for checkering.

Wood Machines -

- 7 Standard Machines (part used for Fore-End and Stock)
- 6 Remington Machines
- 2 Dual Head Robot Checkering Machines
- Finishing equipment available from change to press form Model 1100 and 742-760 Stocks

Estimated space required - 8600 square feet

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The preliminary concept is that Barrel blanks would be produced using current equipment through the chambering operation. All other operations on the Barrel Assembly and other metal parts would be machined and finished in a separate area and returned for coloring operations. This area would be operated as a job shop. Most of the Barrel machines would be in-line except that the N/C operations, marking and finishing equipment would be used for other components.

Job Shop Machines -

- 12 Milwaukee-Matic N/C (4 from present small gauge Receiver line)
- 69 Standard Machines
- 6 Remington Special
- Misc. special and standard brazing and finishing equipment

A review is being made of N/C versus standard machine costs. It is believed the N/C machine requirements will be reduced to 6 or 7. While this should reduce investment, tooling costs will be increased.

It is proposed to include in the job shop space requirements for an area to assemble and possibly pack guns.

Estimated space required - 25,800 square feet
 (If 12 N/C machines are required, 7200 square feet must be ground floor.)

Total estimated new space required 34,400 square feet. This space must be available by January 1972. For the calculation, \$25.00 per square foot was used. $34,400 \times \$25.00 = \$860,000$ and this amount is included in the project expenditure.

VGD:I

EXHIBIT 4