

PROCESS DEVELOPMENT

ASEA MANIPULATOR

Rifle and shotgun receivers are rough and finish polished by a labor intensive hand process. ASEA, Inc., an industrial manipulator manufacturer, demonstrated the technical capability of automatically polishing Model 742 and Model 760 receivers utilizing their industrial robot. Updated economics project a ~~so~~ \$70 M per year savings at a 26% ROI

These figures reflect the additional expenditure of \$6500 for the Schenitz LVDT repositioning system to overcome the tolerance problem in receiver panel polishing. Vendor was visited to review the system design and timing. Delivery is anticipated in September 1980.

WAB
6/19/80