

# GIS-D

## GOODYEAR INSEAM SEWING MACHINE – MODEL D

This is a high speed curved needle chain stitch machine for sewing the welt and upper to the insole rib of Goodyear Welt shoes.

An automatic welt cut-off device provides substantial Welt savings and increased production. On sewed seat Shoes a practically invisible joint is automatically made And securely fastened by sewing over. The machine can be fitted to process flat welting of various materials and different widths and thicknesses, as well as special shaped welting such as storm welt, split reverse welt, etc. Either Hot or cold wax may be used. Adjustment for stitch length can be positively set at 3-1/4, 3-5/8 or 4 stitches per inch. A two speed operator controlled gear box regulates machine speed. The normal ratio provides 550 and 650 rpm for children's work, 650 and 750 rpm for women's work And 750 and 850 for men's work.

When sewing breast to breast work, the operator sets the cut-off switch to BB. As he approaches the finish point he trips the knee switch. When the foot treadle is released at the finish, the welt is automatically cut and just enough welt is fed through the welt guide to start the next shoe.

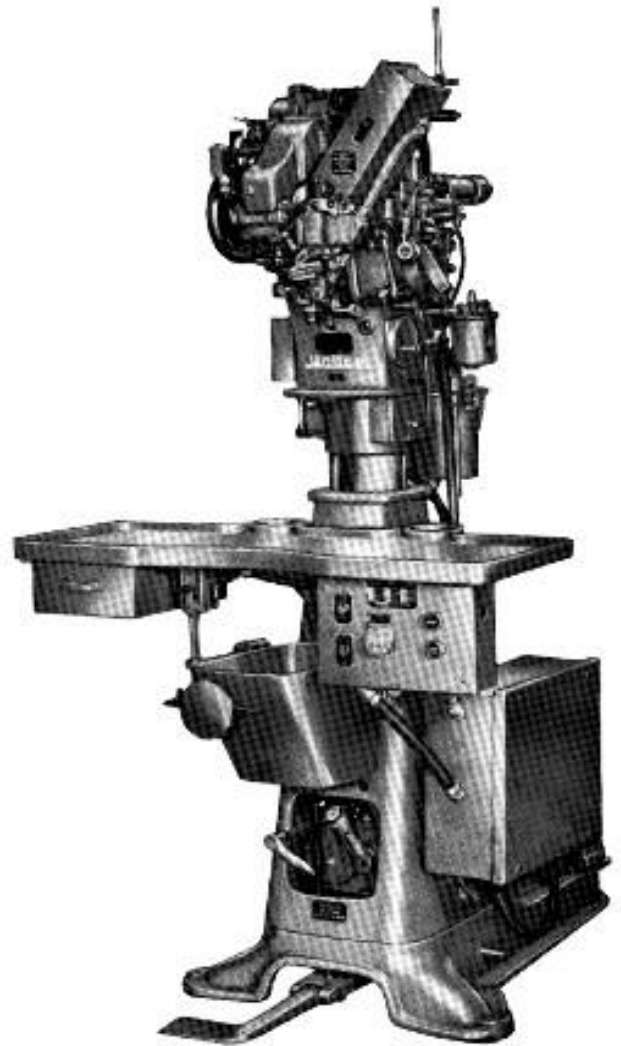
When processing sewed seat work the cut-off control switch is moved to the SS position. When the shoe has been sewed around almost to the starting point, the knee switch is tripped to activate the feeler point. When the feeler point contacts the starting end of the welt, the welt is automatically cut off. The joint is sewed securely. The foot treadle is released and the proper amount of welt is fed through the guide to start the next shoe.

### PRODUCTION INFORMATION

The production figures expressed below in pairs for an eight hour day are based on appropriate operating condition and are for general guidance only.

- 1,080 – Men's and Women's – Lasted Seats
- 900 – Men's – Sewed Seats
- 1,200 – Juvenile's – Lasted Seats
- 1,080 – Juvenile's – Sewed Seats

**Conditions which will adversely affect production are: incorrect rack and machine placement; incorrect handling techniques; and improper Setting of needle, awl, welt guide, knife etc.**



### TECHNICAL DATA – MACHINE DIMENSIONS

Space:	40" L x 75" D
Length:	40"
Depth:	51"
Height:	77" adjustable
Weight:	(Approximate 1,116 lbs.)
Motor:	hp 1-1/2 1800 rpm 208, 230, 460 V 3 ph.



Shoemaking Machinery & Systems



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