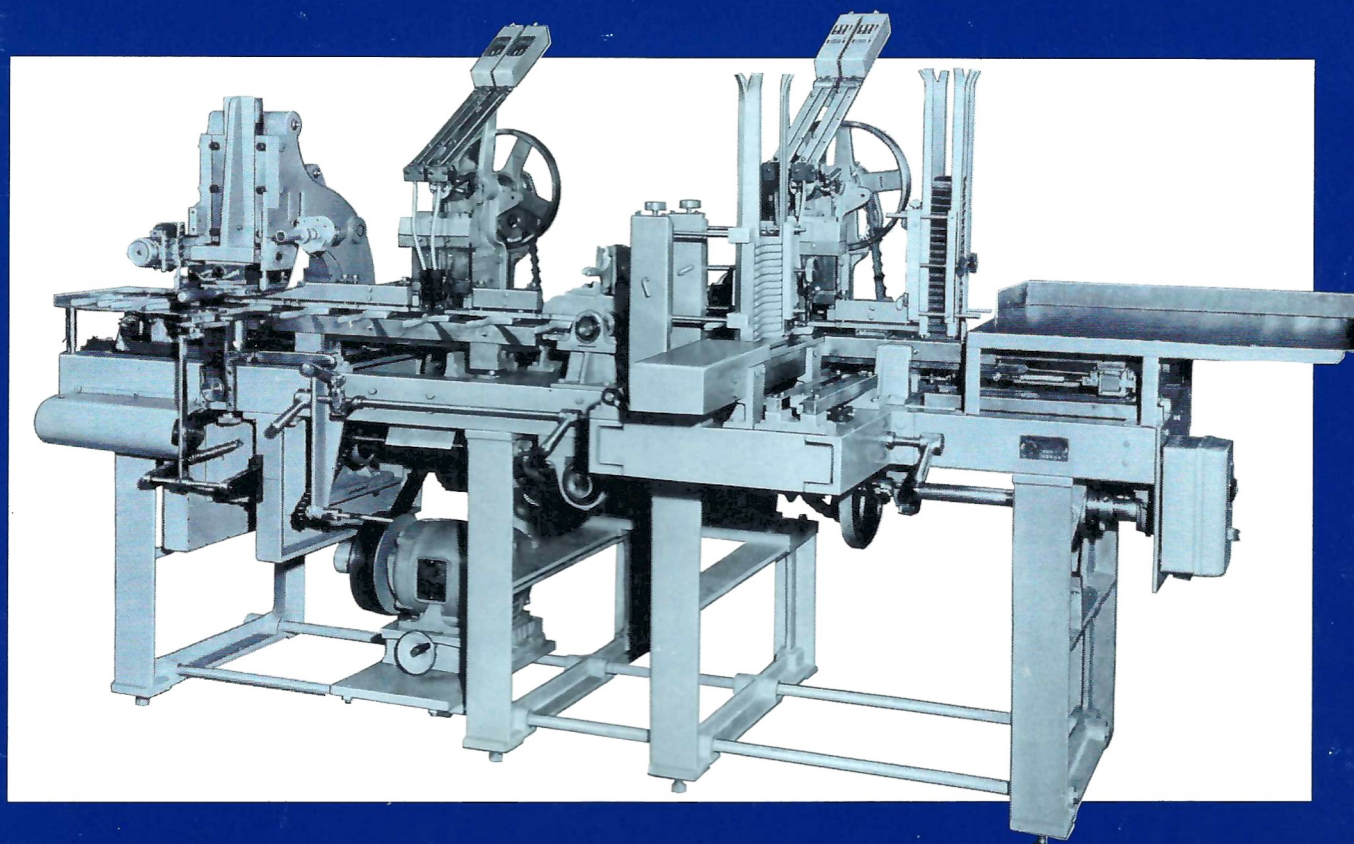


# Brush Assembly Machine

# E-20



This machine performs the finishing operations of inserting the handle into the set-up brush, nailing or crimping the handle to the ferrule, and branding the handle. The operator of this machine feeds the completed brush head into one hopper and finished handles into another. Chamfered handles are required for maximum performance. The handle is inserted into the ferrule and nailed or crimped on one side in the same location. The brush is then moved along through the machine to another nailer which nails or crimps the other side of the ferrule to the handle. The brush is then fed into a stamper which stamps the manufacturer's or brand name on the handle with a hot leaf process.

Production Rate..... 60 brushes per minute  
 Brush Width ..... 13mm ( $\frac{1}{2}$ " ) to 102mm (4")  
 Brush Thickness..... 6mm ( $\frac{1}{4}$ " ) to 25mm (1")  
 Handle Material ..... wood, plastic, foam  
 Maximum  
 Handle Length..... 177.8mm (7")  
 Securing Device ..... 3 track-nailer  
 (2 track optional)  
 or - crimping (plastic handles)  
 Nail Size ..... no. 17 or no. 18 gauge in 6mm  
 ( $\frac{1}{4}$ " ), 8mm ( $\frac{5}{16}$ " ), or 10mm  
 ( $\frac{3}{8}$ " ) lengths with maximum  
 head diameter of 2.963mm  
 (.115")  
 Stamper ..... peerless hot leaf  
 Machine Size ..... 1.55m x 1.78m x 1.52m  
 (107" x 70" x 60")  
 Machine Weight ..... 1605 kg (3540 lbs.) gross  
 Optional Equipment ..... automatic labeller

