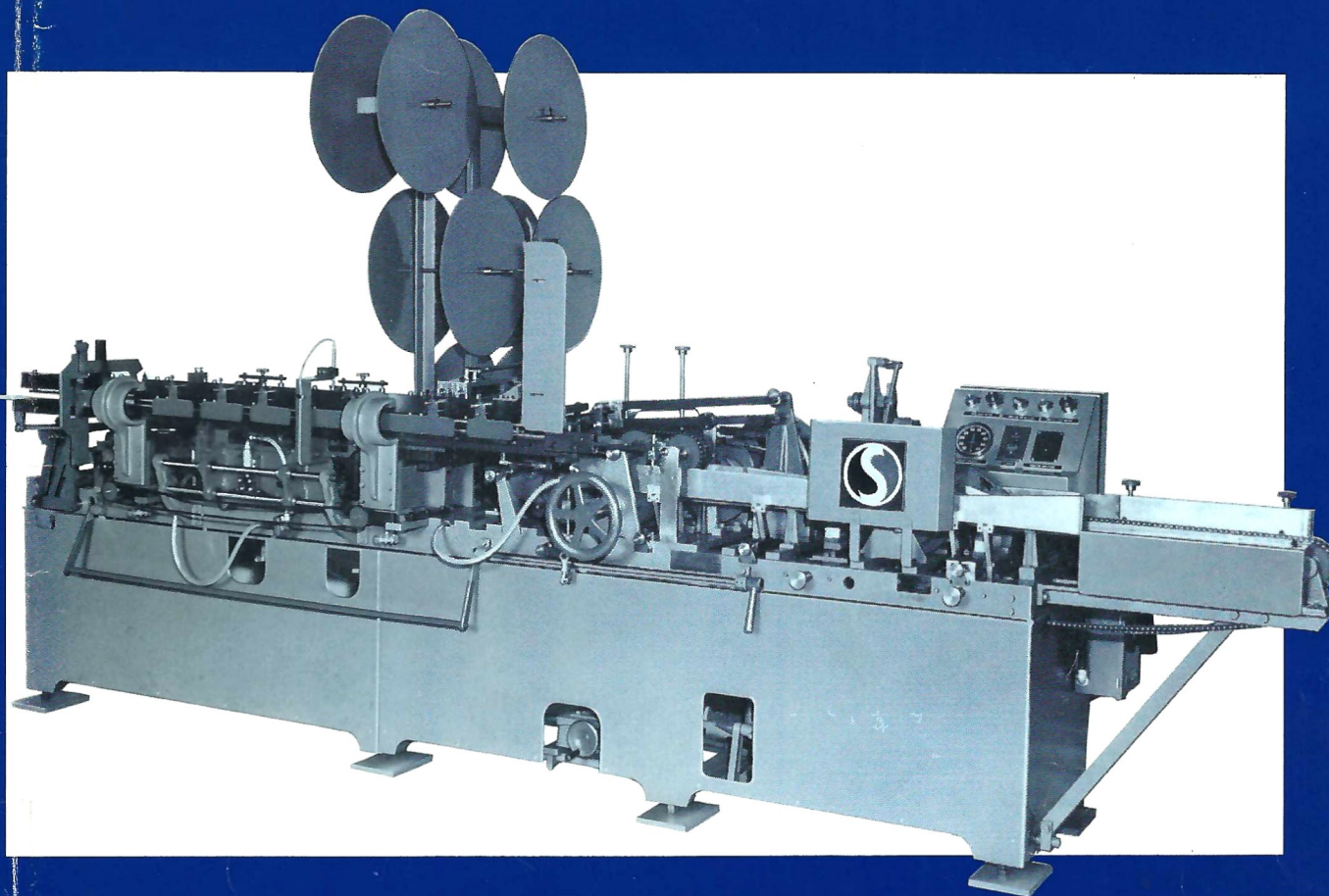


Automatic Brushmaking Machine

E-17



The operator feeds the filling material onto a moving chain, and loads ferrules into the ferrule hopper. The knot picker picks the bristle and transfer jaws move the knot into the back of the ferrule. Guide rails move the ferrule through the machine and a number of patterns gradually push the bristle further into the ferrule. Cardboard centrepieces are inserted into the butt end of the knot and automatically cut off by a knife. The guide rails continue to move the brush along to where the material is pulled to the proper length.

Production Rate..... 30 brush heads per minute
Brush Width 51mm (2") to 102mm (4")
Brush Thickness..... 6mm (¼") to 25mm (1")
Material bristle, nylon and most synthetics
Material Length 51mm (2") to 102mm (4")
Plug Material two (2) centrepiece stations for maximum cardboard thickness of 14mm (.550")
Changeover approximately 1¼ hours
Machine Size 4.28m x 1.58m x 1.45m (168" x 62" x 57")
Machine Weight 2182 kg (4800 lbs.) gross

