

DY 7001-AE

DUKE

Fully Automatic Elastic Joining Ultrasonic Cutting And Bonding



Experience the next generation of garment manufacturing with the Duke DY 7001-AE-. Distributed by Hari Chand Anand & Co. (HCA), a leader in automation since 1910, this machine is engineered to maximize productivity while ensuring surgical precision in elastic bonding.

Key Features

Automated Ironing & Pressing: Ensures neat and flat elastic bands, eliminating the need for separate ironing procedures, resulting in high-quality products.

Automatic Three-Point Positioning: Meets the requirements for high-end products, expanding the machine's application range.

Image Recognition Technology: Identifies elastic band logos and lettering positions accurately, saving time and increasing work efficiency.

Zero Waste Control: Features automatic counting and collection; the machine stops once the target quantity is reached.

100% Standardization: Digital size setting ensures every product meets exact specifications with a 100% standardized rate.

Bobbin Detection: Automatically notifies for bobbin replacement and thread breakage, enhancing stitching efficiency and eliminating defects.

Ultrasonic Edge Cutting: Produces neat edges and uniform cuts, guaranteeing superior stitching quality.

Versatile Stitching: Achieves diverse stitching patterns with aesthetically pleasing results. Elastic stitching ranges from 8mm to 80mm, with a minimum elastic circumference of 180mm, which it widely applicable.

Anti-Overlap Detection: Halts automatically to avoid defects.

Automatic Material Feeding: Suitable for both small and large-sized garments, ensuring product quality while minimizing waste.

Specification parameter

Model	DY 7001-AE
Needle	DPX17Y11#
No. of needles	1
No. of threads	2
Needle pitch	0.05-12.7
Presser foot lifting height	8
Sewing length	Min. 180mm
Elastic band width range	8-50mm
Speed (S.P.M)	2800 r/min
Dimensions	1860x1200x1370mm

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