

DIRECT DRIVE SINGLE NEEDLE LOCKSTITCH SEWING MACHINE



Specification Parameter

Machine Model	DY 9503B-D1
Max. Sewing Speed	3,000 r.p.m
Stitch Length Range	0 – 8 mm
Needle Bar Stroke	35 mm
Presser Foot LiftBy Hand:	6 mm By Knee: 13 mm
Needle Size	DP x 5 (#18 – #24)
Feed Dog Type	3 Rows of Teeth
Hook Type	Auto-Lubricating Large Hook
Lubrication System	Fully Automatic Lubricated
Motor Type	550W Servo Motor
Needle Position	Auto

Product features

Engineered for industrial performance, the Duke DY 9503B - D1 delivers smooth, high-precision stitching across a wide range of fabric weights—from standard textiles to heavy-duty materials.

- **Flawless Stitch Quality:** Advanced bevel gear drive system for the arm shaft and hook guarantees consistent thread tension and smooth operations.
- **Smooth Transitions:** Link take-up and link-driven feed mechanisms ensure perfect stitch integrity when switching between low/high speeds and forward/reverse sewing.
- **Versatile Material Handling:** Built to tackle light, medium, and medium-heavy materials, including leather, canvas, plastics, denim, and upholstery fabrics.
- **User-Friendly Control:** Features an easy-to-use dial-operated stitch regulator for fast, accurate stitch length adjustments on the fly.

Specification Parameter

Garment manufacturing (jackets, trousers, workwear)

Leather goods & bag manufacturing

Canvas products & tent stitching

Synthetic materials & plastic sheets



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