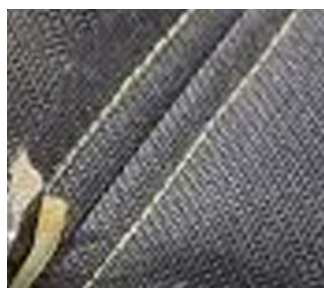


DY 9503-D1

DUKE

Advanced Intelligent Duke Direct Drive Single Needle Lockstitch Machine



The DY-9503-D1 is a high-performance, intelligent sewing machine designed for precision stitching, energy efficiency, and smooth operation. Built with advanced direct-drive technology, it ensures faster response, reduced noise, needle position and long-term durability—making it ideal for modern garment production units.

Key Features

Single Needle Precision – Suitable for fine to medium fabrics.

Direct Drive Motor – Integrated 550W motor for rapid response.

Adjustable Light – Built-in, user-friendly illumination for better visibility.

Auto-Needle Positioning – Precision stopping reduces errors and fatigue /eliminate adjustment and keep your rhythm trough every seam.

Energy Efficient- Up to 70% power saving vs. clutch motors.

Low Noise & Vibration- Low noise and vibration due to direct drive technology.

High-Speed Output- Max speed of 5,000 SPM for mass production.

Auto Lubrication System – Keeps internal parts clean and reduces wear.

Reduced Thread Breakage – Optimized thread path and tension control minimize thread breakage for uninterrupted sewing.

Specification parameter

Model	DY 9503-D1
Machine Type:	Single Needle Lockstitch
Needle Range:	#9 – #14
Number of Needles:	1
Stitch Length:	0 – 5 mm
Presser Foot Lift:	By Hand: 6 mm By Knee: 13 mm
Needle Bar Stroke:	32 mm
Motor Type:	Inbuilt Servo Motor
Motor Power:	550W
Maximum Sewing Speed:	5000 RPM

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