

DY 6800D-4-24/AT

DUKE

HIGH-SPEED, DIRECT-DRIVE STEPPER MOTOR CONTROL OVERLOCK MACHINE WITH AUTOMATIC TRIMMER



The Duke DY 6800D-4-24/AT represents the next generation of industrial overlock technology. Engineered for high-volume garment manufacturing, it combines a powerful direct-drive system with advanced stepper motor controls to deliver unmatched precision, whisper-quiet operation, and significant labor savings

PRODUCT FEATURES:

Advanced Stepper Motor Control: Experience ultra-precise fabric feeding, reduced vibration, and highly accurate stitch consistency even at peak operational speeds.

Intelligent Automatic Trimmer (AT): Boosts productivity and minimizes material waste by automatically trimming threads cleanly at the end of each cycle.

Direct-Drive Efficiency: The integrated direct-drive motor ensures instant start/stop responsiveness, eliminates energy loss from traditional belts, and drastically cuts power consumption.

Ergonomic Smart Panel: Simple, intuitive interface allows operators to adjust speeds, toggle automatic trimming, and program stitch configurations on the fly.

Technical Specifications

Feature	Specification
Model	DY6800D-4-24/AT
Max. Sewing Speed	7,000 r.p.m
Needle Type / Size	DC x 27 #11
Number of Needles	2
Number of Threads	4
Max. Stitch Length	3.8 mm
Stitch Width	4.0 mm
Presser Foot Lift	5.5 mm
Differential Feed Ratio	0.7 – 2.0
Automatic Thread Trimmer	Yes
Drive Type	Direct-Drive / Stepper Motor Control

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