

70-D3B-2 Series

Butted-Seam Machines



SEWING MACHINE COMPANY
REINVENTING THE AMERICAN TEXTILE INDUSTRY



Quality:

- Handbuilt in the USA
- Tolerances to .001"
- Precision Engineered
- 16 Hour sew off process

Service:

- 30-day Guarantee
- One-year Warranty
- Problem with your machine?
Send it to us and we will have a
working replacement back to
you within one week.

Affordability:

- From \$2309 USD

The 70-D3B-2 is the industry standard Butted-Seaming sewing machine. It produces a one-thread stitch specifically designed to lay flat, allowing continuous feed in textile processing. This flat stitch also affords the even rolling of fabric without imprint and reduces the total amount of waste. The machine is engineered not to skip stitches and will perform in an industrial environment for up to 60 years without needing significant service. As with all Merrow Machines, the 70-D3B-2 is hand-built and inspected for any imperfection through a rigorous quality control process before it ships. Often Merrow will ship this model with the customer's sample fabric 'sewn-off' and included in the box. All machines are available chemical nickel plated (CNP), as shown above, for wet environments.

Technical Specifications

70-D3B-2 Textile Finishing Machine

■Technical Metrics:

- Speed: 2250 SPM
- Stitches per inch: 4-12 SPI, average 6 SPI
- Stitch Width: 5/8"
- Seam Type: 501
- Feeds: Double Row, Coarse feed (standard), fine feed (available)
- Cutter: Steel (standard), Carbide (available)
- Threads: One
- Needles: One

■Standard Parts:

- Needle: 3D-8D, standard 8SD
- Needle Plate: 6-70-167
- Eccentrics: 6-82-6
- Upper Loper: 105
- Lower Loper: 72
- Thread: 36-4 Cotton thread
- Replacement parts available from Merrow

■Size and Weight:

- Height: 7.5 inches
- Width: 8 inches
- Length: 12.25 inches
- Weight: 26 lbs.

■Operating Environment: Wet or Dry Environments

■Operating Output:

- Noise: 70 decibels
- Heat: 114° F Max

■Installation and Motors:

- Installation: Compatible with Merrow Ziggurat and other tables, rail or automated machines (see OEM guide)

■Motors:

- Air Motor: 1800 RPM, 60 psi
- Electric Motor: 1725 RPM, 60 Hz, ½ Horsepower, 110 or 220 volts, 1- or 3-phase

■Fabric Range:

- All fabrics, both woven and nonwoven, with the exception of extremely loose, delicate, or high-pile fabrics.

■Shipping Specifics:

- Shipping size: 14" x 15" x 16"
- Shipping weight: 40 lbs
- Merrow ships from Massachusetts, USA
- Worldwide shipping via UPS, Fedex, DHL or private carrier.
- Shipments daily in single units or on pallets.
- All shipments insured and guaranteed to arrive in sound condition.

■Included Components: (Value \$150 USD)

- Thread stand assembly
- Set-up manual
- Instruction manual
- Tweezers
- Motor chain
- Feed eccentric wrench
- Nut driver
- Eccentric extractor
- Sample needles
- Looper bender
- Spare nuts and bolts

■Warranty guidelines:

- 30-day guarantee
- One-year warranty
- Warranty voided if:
 - Machine serviced by unauthorized dealers
 - Generic replacement parts (not purchased from Merrow) used in machine