

70-D3B-2 Series

Butted-Seam Machines

MERROW®

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 Looper: 105

Lower Looper: 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