

**ACCRAPLY**

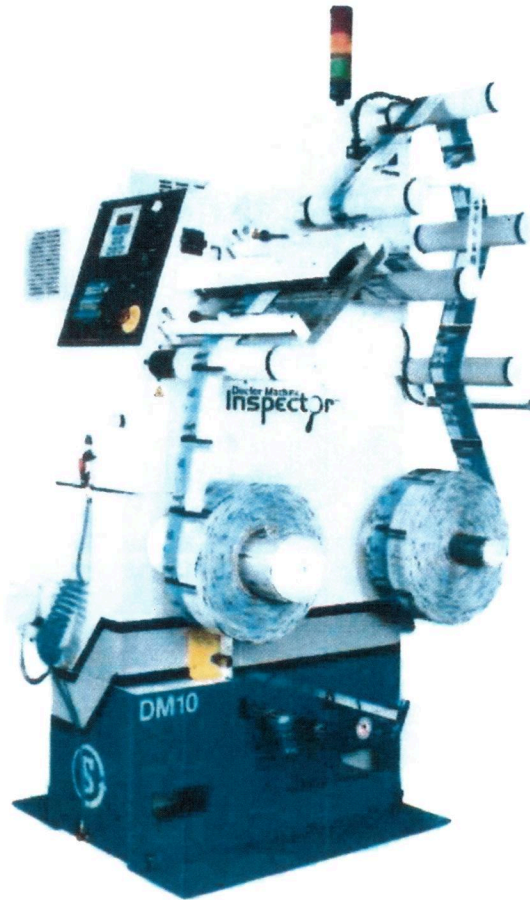
**Stanford**

Date: October 26, 2012

Quotation Number: 8995-R2

**STANFORD INSPECTOR DM12  
SHRINK SLEEVE INSPECTION MACHINE**

Doctor Machine  
**Inspector**



Prepared for:

**PUBLISHERS LABEL PAK**

**KENTUCKY**

**PUBLISHERS LABEL PAK**Section 1  
10/26/2012**SPECIFICATIONS: Stanford Model DM12 Doctor Machine® Inspector****1. General**

- 1.1 Web width – 12" (304.8 mm) maximum.  
– 2" (50.8 mm) minimum.
- 1.2 Rewind roll diameter – 24" (609.6 mm) maximum.
- 1.3 Unwind roll diameter – 24" (609.6 mm) maximum.
- 1.4 Web speed – 1640 fpm (500 mpm) maximum.
- 1.5 Parent roll weight – 200 lbs. (90.72 kg) maximum.
- 1.6 Splice table to repair defects – two cutting grooves provided.
- 1.7 This unit is a reversible rewinder.
- 1.8 Static elimination bar is provided.
- 1.9 Ultra-violet light for seam inspection.
- 1.10 Ethernet modem connectivity for remote diagnostics.
- 1.11 Minimum total tension 3.5 lbs.

**2. Rewind**

- 2.1 Pneumatic shaft accommodates 3" (76.2 mm) ID fiber cores. Allowable core tolerance is 2.992" (76.0 mm) to 3.008" (76.4 mm) ID. (Please initial \_\_\_\_\_)
- 2.2 Rewind tension is constant.
- 2.3 Rewind tension – 2 PLI (3.503 N/cm) maximum.
- 2.4 Air nozzles are present to facilitate seam inspection.

**3. Unwind**

- 3.1 Unwind shaft accommodates 6" (152.4 mm) ID fiber cores. Allowable core tolerance is 5.992" (152.19 mm) to 6.008" (152.6 mm) ID. (Please initial \_\_\_\_\_)
- 3.2 Driven unwind is controlled with a dancer roll.
- 3.3 Automatic web guide with ultrasonic sensor detection – guides or oscillates in one direction and locks in last guided position when reversing.
- 3.4 Unwind to oscillate to .787" (20 mm) to reduce seam build up.
- 3.5 Seam leak inspection area between two idler rolls.

**4. Construction**

- 4.1 Steel side frame.
- 4.2 Anti-friction ball bearings provided for low-tension winding.
- 4.3 Rolls are balanced at 1640.4 fpm (500 mpm).

**5. Drive equipment**

- 5.1 Two (2) 5 HP AC vector drives.
- 5.2 All machine functions controlled through a touch screen. Speed control, E-stop, run, stop, forward/reverse are separate pushbuttons.
- 5.3 Drive control supplied pre-wired and machine mounted.

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**6. Electrical**

- 6.1 Standard connection voltage is 460 volt, 3 phase, 60 cycle. Other voltages are available upon request.
- 6.2 Line disconnect is included.

**7. Painting**

- 7.1 All exposed metals are painted Stanford Off-white RAL 9010 and Blue RAL 5000.

**8. Documentation**

- 8.1 Operation manual and touch screen in English.
- 8.2 Electrical and pneumatic prints in English.
- 8.3 Computerized detailed parts list in English.

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