



**STANFORD**  
by **bw** packaging

**LABELING**

**DOCTOR MACHINE**

DM 142 LT Shown



Optional HMI

## DOCTOR MACHINE® (DM 142, DM 142 LT, DM 142 HD)

The Stanford 142 series provides an efficient and cost-effective solution for salvaging defective products. The classic Stanford 142 is known as the Original Doctor Machine®. It can edge-trim, web-guide and re-tension rolls of non-extensible materials such as paper, film, foil and laminates.

The 142 LT model is designed for a wide range of extensible materials that require light tension winding. This includes light gauge films such as polyethylene, polyester, polypropylene, film laminates, metalized films and light papers.

The 142 HD offers advanced capabilities such as correcting telescoped rolls, removing defective stock, repairing splices, re-tensioning loose rolls, edge trimming and butt roll rewinding. This model can easily handle materials such as papers, self-adhesive label stock, polystyrene and stable film laminates.

# Stanford Doctor Machine (DM 142 Series)

## FEATURES

The machine comes with an array of features that make it efficient and easy to operate. One of the most notable features is the cantilevered design, which eliminates the need to handle shafts. The machine also features automatic tension control and automatic web guide, which ensures that the output is of high quality. In addition, there is a rider roll that helps to control the density, and web break detection to prevent issues that may lead to downtime. The machine is also programmable, meaning you can set it to stop at a specific length or an early stop length. The dancer lock feature allows for a soft tension start, while the unwind control station capability ensures smooth operation. For the 142 HD model, there is a bowed roll for web separation after slitting, an AC Vector drive system, and pneumatic trimming, which are great features to have.

## TRIMMING OPTIONS

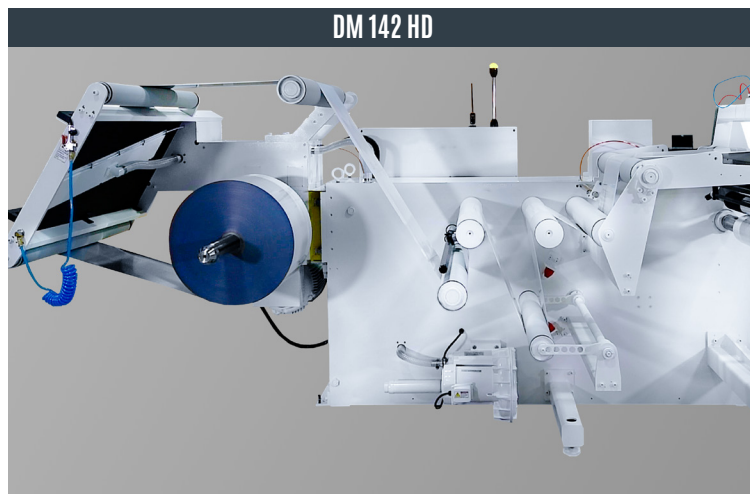
- Razor
- Score Shear

## SLITTING OPTIONS

- Up-front Shear

## MACHINE OPTIONS

- Static elimination
- Strobe
- HMI: 142 / 142 LT (optional), 142 HD (standard)



Web Width:	Web Speed Maximum*:	Unwind:	Rewind:	Tension:
<b>142, 142 LT</b> <ul style="list-style-type: none"><li>• Min: 6" [152 mm]</li><li>• Max: 36" [914mm]</li><li>• Standard: 30" (762mm)</li></ul> <b>142 HD</b> <ul style="list-style-type: none"><li>• Min: 4" (101mm)</li><li>• Max: 36" [914mm]</li><li>• Standard: 24" (609.6mm)</li></ul> <p>Note: Custom diameters available upon request</p>	<b>142, 142 LT</b> <ul style="list-style-type: none"><li>• 1,000 fpm [300 mpm]</li></ul> <b>142 HD</b> <ul style="list-style-type: none"><li>• 1,500 fpm [457 mpm]</li></ul>	<b>Standard Diameters</b> <b>142, 142 LT</b> <ul style="list-style-type: none"><li>• Maximum Diameter: 30" [762 mm]</li><li>• Maximum Roll Weight: 400 lbs [181 Kg] - 142 LT 500 lbs (227) - 142</li></ul> <b>142 HD</b> <ul style="list-style-type: none"><li>• Maximum Diameter: 42" [1,067mm]</li><li>• Maximum Roll Weight: 500 lbs [227 Kg]</li></ul>	<b>Standard Diameters</b> <b>142, 142 LT</b> <ul style="list-style-type: none"><li>• Maximum Diameter: 24" [609 mm]</li></ul> <b>142 HD</b> <ul style="list-style-type: none"><li>• Maximum Diameter: 42" [1,067 mm]</li></ul>	<b>142</b> <ul style="list-style-type: none"><li>• Min: 0.5 PLI (0.09Kg/cm)</li><li>• Max: 1.5 PLI (0.26Kg/cm)</li><li>• Total Minimum Tension: 15 lbf [6.8 Kg]</li></ul> <b>142 LT</b> <ul style="list-style-type: none"><li>• Min: 0.25 PLI (0.04Kg/cm)</li><li>• Max: 1.0 PLI (0.17Kg/cm)</li><li>• Total Minimum Tension: 7.5 lbf [3.4 Kg]</li></ul> <b>142 HD</b> <ul style="list-style-type: none"><li>• Min: 0.5 PLI (0.09Kg/cm)</li><li>• Max: 1.5 PLI (0.26Kg/cm)</li><li>• Total Minimum Tension: 12 lbf [5.4 Kg]</li></ul>

\* Max speed is a function of the material type, material characteristics (including COF, coatings, ink adhesion, curing, thickness, and drying), tension and web width.

[Contact](#) our experienced sales teams today for a comprehensive review of your application(s) and to see how our Doctor Machines can benefit your company.