

manroland | GOSS

M□600 BLADDER ELIMINATOR

MAINTENANCE AND PERFORMANCE IMPROVEMENT

The M-600 Bladder Eliminator operates using air cylinders to open and close the reel rod, making the bladder a thing of the past. And, it is completely retrofittable on your existing bladder actuated cylinders.

BENEFITS:

- **Makeready.** Presses with malfunctioning bladders require an additional 15 minutes of makeready time for each malfunctioning cylinder.
- **Maintenance.** Units with the Bladder Eliminator are easier to maintain. The bladders don't always open the gap completely which allows additional buildup.
- **Operations.** Eliminates press operators from manually operating the plate lockup bladder.
- **Functionality.** New design is superior to previous air cylinder lock-up designs. This new design runs with the air cylinder in the retracted position which keeps debris from contacting the air cylinder shaft during operation.



"We were interested in Goss' Bladder Eliminator Upgrade and the idea of doing away with air bladders on our M600 presses [with Autoplate]. We had the upgrade done on two of our plate cylinders, and are very pleased with the result. Installation time was similar to a standard bladder changeout and we will now never have to replace bladders on these units.

Additionally, we like the convenience of having consumable parts located on the outboard side of the cylinder. As a result, we have decreased downtime and increased productivity. In the future, we will be replacing the air bladders on all our other Autoplate equipped presses with the Goss Bladder Eliminator Upgrade."