



## **Maxson Automatic Machinery Company**

### **“Non Marking” Overlap Carriage Design**

This design offers a high speed delivery system on its precision sheeters that avoids marking sensitive materials when shingling the sheets. The arrangement manages sheet flow by controlling the speed of the cut packet's leading edge as it enters the overlap area, rather than nip pressure. The resulting action prevents stress marks from the stop roller and delivery belts while insuring sheet packets are conveyed trouble free to the stacker.

- The overlap roll is geared so the surface speed of the black rings matches the slow speed tapes.
- Thus sheets decelerate evenly across the width of the delivery system by speed, rather than nip pressure.
- Uniform contact across the sheeter eliminates sheet skewing, enhancing pile quality.
- The variable nip setting eliminates the burnishing on sensitive sheets caused by excessive contact with the packet's surface.
- Top high speed tapes pass in between the rings of the overlap roll, removing the likelihood of belt marks.