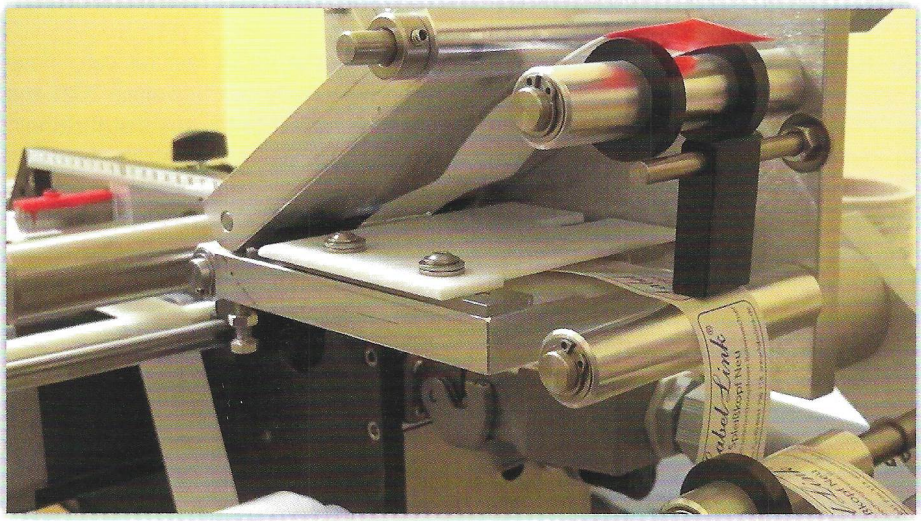
New Automatic Splicing Method for all Types of Roll Labels and Labelling Systems

The new JetSplice® method from Verpackungstechnik Jetter GmbH provides an innovative, automated solution for uninterrupted labelling that is intelligently designed, yet reasonably priced. It is the perfect alternative to the large and expensive systems with double dispensing heads that are commonly used in the industry at present.

JetSplice® can process all types of roll labels on the market, including not only self-adhesive roll labels with liner, but also linerless self-adhesive label webs, and label webs for wet-glue or hotmelt glueing.



There are no imperfections such as creases or bumps between the spliced label webs, and the label spacing at the join corresponds precisely to the label spacing throughout the roll (Photo: Verpackungstechnik Jetter GmbH

No mechanical or optoelectronic movements

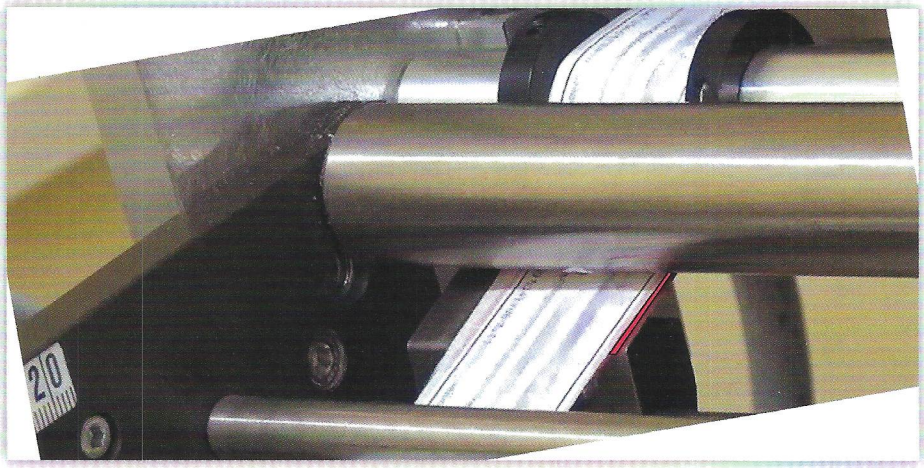
Jetsplice® is based on the LabelLink® splicing process from Verpackungstechnik Jetter GmbH, which is well-established throughout the world. When the end of a label web is reached, the special LabelLink® tape at the end of the roll is automatically attached, within the splice head, to the start of a newly prepared label web, thus setting the new label web roll in motion. The LabelLink® splicing tape required for this procedure is applied to the reel core – a service provided by countless label manufacturers worldwide.

There are no bumps or creases at the splice point and the label spacing at the join corresponds precisely to the label spacing throughout the roll.

No mechanically or optoelectronically controlled movements of splice head components are required to splice the label webs.

The JetSplice® automatic splicing process is designed in such a way that the machine operator does not have perform the roll change at the time of splicing; the empty roll can be replaced at any point during the time it takes for the working roll to be processed. This reduces stress and thus potential sources of error.

Situation immediately before the web splice: No mechanically or optoelectronically controlled movements of splice head components are required for joining the label webs (Photo: Verpackungstechnik Jetter GmbH



Energy supply only necessary for "high-speed labelling"

Labelling machine manufacturers can purchase the splice head as component parts, or as a pre-assembled unit, for integration into their respective labelling systems. The components are available in two standard sizes (for tape widths of up to 100 mm and tape widths of up to 200 mm) and are suitable for both unwinding directions (clockwise or anticlockwise). The unwinder and the splicing head do not require their own power supply; the drive of the label dispenser is sufficient. A power source for the unwinder and tape buffer is only necessary in the high-speed labelling sector.

For existing labelling lines in the product labelling industry, the splicing process can be optimized by erecting an independent unit next to the labelling line.