

K8i Combi Buckle/Knife Folder



The K8i stands out as the top performer among MBO's combi folding machines. Designed for maximum productivity, it builds on the high-performance K8RS and incorporates enhancements that boost efficiency and ensure outstanding production speed, quality, and stability. The K8i shares all the benefits of the K8RS, including slitter shaft cassettes in both parallel and cross folds, a fold-up cross-fold area, and an extendable three-fold area. These features offer easy operation and minimal setup times, making the K8i ideal for a wide range of medium and long-run requirements. Additionally, MBO's powerful peripheral units, like the CoBo-Stack stacking robot, fully support the delivery process following the folding stage.

Features & Benefits

- Easy-to-Use M1 Controls - Intuitive touchscreen operation simplifies setup, job changes, and daily use.
- Reliable High-Volume Feeding - Continuous dual-feed system delivers consistent sheet flow for long runs
- Accurate Sheet Control - Vacuum technology and anti-static alignment ensure precise registration and clean folds.
- Built-In Quality Protection - Ultrasonic double-sheet detection and waste ejection prevent errors and downtime.
- Quiet, Low-Maintenance Drive - MBO's silent belt drive reduces wear, noise, and operating costs
- High-Precision Folding - Virotec rollers provide excellent grip while protecting sensitive stocks.
- Fast Setup & Changeovers - Slitter shaft cassettes and modular tooling speed makeready between jobs.
- Flexible Folding Options - Multiple buckle and knife-fold configurations handle a wide range of applications.
- Automation-Ready Output - Integrates with automated deliveries and robotics for high-speed production.

Specifications

- Number of Buckle Plates: 4 or 6
- Fold roller diameter: 1 $\frac{3}{4}$ "
- Slitter shaft diameter: 1 $\frac{3}{8}$ "
- Product thickness at exit: $\frac{1}{16}$ "
- Minimum Speed: 30 m/min (98 fpm)*
- Maximum Speed: 230 m/min (755 fpm)

*Pending application and environmental factors