



HIPAK KINETIC 2600

IS NEW

UK BASED AUTOBOX MACHINERY LTD HAS LAUNCHED ITS LATEST BOXMAKING SYSTEM.

An automatic one minute tool-less size change, over 100 different FEFCO styles, blank widths from 100mm to 2.6m, board grades from E Flute to AA 300/300, auto trimming of glue flaps, run speeds of up to 1200 boxes per hour coupled with Kinetic energy reclaim technology are just some of the features of the HIPAK Kinetic 2600™.

Orders have already been received from the UK and Europe for the new machine which is completely new both mechanically and electronically, with the design brief to produce a box maker that requires the absolute minimum of setting time and without having to fit any change parts.

Barry Tabor, Managing Director of Autobox, says, "A boxmaking machine only makes money when it's producing boxes, so we have set about to ensure that our new machines are quick set and are engineered using the very latest technology to provide reliable operation over many years and with optimum energy savings."

All components have been specified for true 24/7 running and advances in motion control and electronic technology have given the Autobox design engineers the opportunity to produce a machine that sets new standards in short to medium run boxmaking machines. Mechanically, the machine is housed in a heavy duty solid steel frame assembly that results in smooth running and minimal stress on all moving parts. There are no chains or belts to wear and stretch with all main servo drive motions being direct drive. Slot accuracy is improved across all box styles. Kinetic energy generated when the machine is slotting and creasing board is captured and re-used to enable the machine to use up to

95 per cent less energy compared to previous models and has resulted in Autobox gaining accreditation from the Carbon Trust.

The advanced control system enables jobs to be stored and recalled quickly. Once a job is selected, the machine automatically sets itself including blade and crease wheels positioning as well as adjusting creasing pressure for different board grades. Guides on the feeder are also auto set. New jobs can be either programmed at the machine or sent remotely via an Ethernet connection enabling jobs to be scheduled and monitored without either being next to or having to stop the machine. Production information provides users with valuable data to not only monitor machine and operator performance but to also help cost future jobs.

The basic HIPAK Kinetic 2600™ takes pre cut blanks and can produce over 50 different FEFCO styles. It features an automatic feeder and with automatic glue flap removal, the machine can be left to produce boxes with minimal operator attendance. With the addition of the HiCut™ module that includes the ability to cut board to length and width, stock sheet can be used. An optional overhead feeder enables palletised stock sheet to be automatically fed. The number of FEFCO styles increases to over 100, including 0401/2. Print options include single colour digital or flexo and a die-cut station enables hand holes or other simple die-cuts to be added.

Autobox has also confirmed it will be hosting a number of open days at their Leighton Buzzard (England) plant where the new machine will be in full production.