

'LAP FEEDER' IS NEW

Asahi Machinery Ltd of Japan has recently launched a new development specifically for corrugated die-cutters. The 'Lap Feeder' is a vacuum feeder which operates in two sections. In the first section, (stack and vacuum section), the sheets are positioned. Three moving belts transfer the sheets to the second section, the squaring section. Once the sheets reach the squaring section, the back pusher gently pushes the sheet against the front lay and the side lay joggles, squaring the sheet across the width of the machine. This new unit guarantees the positioning of the sheets ± 3 mm, in running and



lateral direction, and can be manually adjusted. A gripper bar collects the accurately positioned sheet and transfers it to the die-cutter.

As an option, an auto register camera control system can be installed, which registers, compares and if necessary automatically positions the single sheets by means of print marks and stored data. This new system has been designed to improve the productivity, quality and consistent feeding of micro flute, laminated and standard corrugated board, up to double wall.

Since its launch, the new Lap Feeder has been installed and is successfully running on Asahi machines throughout Europe. The company has confirmed that for new Asahi die-cutters, the Lap Feeder will be a standard feature.