



### **Lap Feeder**

*New Development of Sheet Feeding for Flatbed Diecutters made by **ASAHI***

As ASAHI Machinery Ltd. will not deviate from the benchmark it has set in the high quality of the products, the new sheet feeding system called **Lap Feeder** was launched to the corrugated industry in 2010 after intensive testing procedures.

The new **LAP Feed** is a vacuum feeder operating in two sections. In the first section (stack and vacuum section) the sheets are positioned in the stack. Three moving belts transfer the sheet in single formation from the stack 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 jiggers square the sheet across the width of the machine. Errors in the positioning of the sheets or failures in the printing of max.  $\pm 3$  mm, in running and lateral direction, can be manually adjusted, before the gripper bar collects the accurately positioned sheet and transfers it to the cutting tool.

As an option the auto register camera controlled 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 normal corrugated up to double wall.

Since last year various flatbed Diecutters with the new **Lap Feeder** are running to the full satisfaction of our European customers. For machines to be supplied in the future, the Lap Feeder will be a standard feature.

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