

LAV3 Auto Flag Reduces Waste



The new LAV3 Auto Flagger applies reject labels onto high speed printing presses and laminators. Used in the printing industry, it links with cameras, temperature switches, splice inputs, auto trigger devices and operator push buttons to detect printing defects automatically. When triggered, the distance is tracked by the labeller and a flag label is output when the position is reached. Capable of tracking rejects at printing speeds up to and over 200 metres per minute, it truly pays off to automate the flagging process for detecting the quality of your prints.

Designed and manufactured in Australia, it offers local manufacturing industry the leading edge in advanced quality action to detecting rejected prints that was not possible in the past. ADM Packaging Technology can custom apply the LAV3 Auto flag system to any production printing or laminating press.

Hailed as a breakthrough, and supported by one of the leading industries in Flexible packaging manufacturers, Cryovac Australia (part of Sealed Air) estimate the LAV3 Auto Flagger will pay for itself in a short time. Darren Cox and Grant Walker both agree if we stop the rejects early in the process, it will eliminate lost production costs in the processes that follow on. Getting to the problem early each time is the benefit we're looking for. Further more it allows our printers to concentrate on correcting the prints because now we have an automated approach to detect the faults accurately. The finished result is quality approved prints and less waste.

How this works for example with cameras is when a print defect is detected, the camera will output a hold signal to the Auto Flagger for the duration of the defect. A stack light close to the Labeller and within visibility of the operator will come on indicating the Auto Flagger has acknowledged the signal a label will be soon applied. When the pre registered distance is reached label A is applied. After the reject film is corrected the camera hold signal will come off and this again triggers the Auto Flagger to apply the second label, Label B is applied when the registered distance is again reached. This will end the cycle for a camera triggered fault. Other procedures are also available for temperature switches, splice inputs, auto trigger devices and operator push buttons located at various stations.

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