



Fertilizer Bags

Drop-on-Demand Ink-Jet

Market

All manufacturers of a bagged product including: food, lawn and garden, chemicals and agriculture products, as well as, resins, pellet material and premixes.

What is being marked?

Print one or two sides of a filled bag. Bags are manually fed through a bag sealing machine, which is not always conducive for good print quality or consistent throw distance.

Application

Why is it being marked?

Composition material or fertilizer nutrient grade information is being printed. This information designates the percentage and ratio of nitrogen, phosphate and potash in the fertilizer mix. The law requires that the total amount of plant nutrients be listed on each bag.

When is it marked?

Production runs two 12 hr shifts, 5 days a week.

How is it marked?

One 16V 8000 midi printhead with an SX32 controller, photocell, LCIS and HP module for flushing.



Helpful Hints

The Matthews 8000 series printheads are well suited for applications such as this, based on our capacity to run fast dry inks, plus great open time and tolerant throw distance. If necessary, adjust the pressure up slightly to help with throw distance.

In place of having a unique message stored for each of the products, guide customer to find a suitable "standardized" message format and use the quick and easy "user text key" to quickly change from one message to another.

If a conveyor is used in the application, a spring loaded bracket with guide plate would be advantageous to assist with flattening the marking surface and guiding the bag towards the printhead for controlling throw distance.



Matthews Marking Products

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