

Zebra Mark Detection on Paint bucket for Printing



Customer: Paint filling machine manufacturing company.

Customer's Requirement: To print printing matter inside the Printing window.

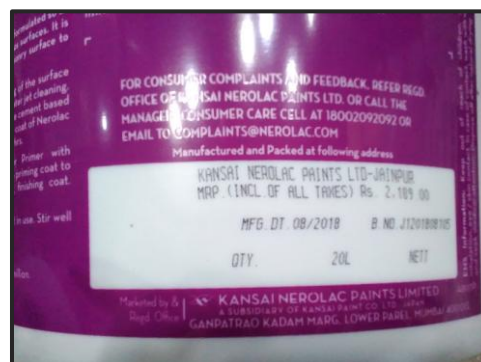
Challenges:

- Paint bucket will rotate with a high speed.
- Zebra mark should be detected every time when it comes in front of vision sensor to achieve production speed of the machine.
- Zebra mark should be detected accurately so that print content will not fall out of the printing window.



Epsilon's Solution:

- Epsilon has provided V10 Vision sensor with white illumination so that the paint bucket's colour will not affect the accuracy.
- Sensor is mounted in such a way so that paint buckets of 10ltr & 20ltr will be printed and no need to adjust the Vision Sensor.
- Zebra mark detection in every rotation helps to increase production speed of machine.
- The accuracy of detecting mark helps to print within printing window.



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