

成果發表展示會

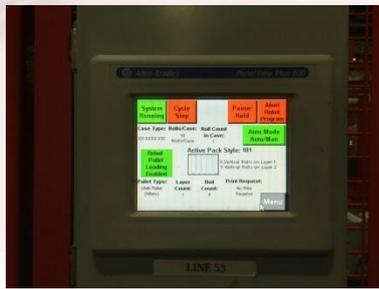
Automated Packing System

內容摘要

Automated Packing System used automation robot to pick up bag rolls and put them in the box and then stacking on the pallet. This system automatically packs the rolls and cases which inturn reduces manpower and cost. So it is convenience for us to raise up production.



(Figure 1) Pilot Robot



(Figure 2) HMI controller



(Figure 3) Automated Packing System

實習成果

My duties consisted of setting equipment in place, wiring the electrical connections and running air lines.

Robot picks rolls up, put them in the cases and then conveyor will sent to taper. When it finished, robot will stack on the pallet.



(Figure 4) Robot picks rolls



(Figure 5) Stacking on pallet



(Figure 6) Automated Taper

Another project was setting up photo sensors on conveyor. If the roll in wrong position, robot will not pick it up, this system eliminates damage on robot grippers, reduces downtime and raise up production.



(Figure 7) Wrong position roll



(Figure 8) Photo sensors on conveyor

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