

# The Study of Manufacture Strategies for Reverse Logistics

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## ABSTRACT

由於近幾年來民眾環保意識覺醒以及政府環保法令上的規定，使得逆物流成為供應鏈管理上一個逐漸為學者所關注的議題。本研究以成本最小化為績效衡量指標，針對接單式生產策略及計畫式生產策略分別建構數學模式，並透過系統模擬方式探討在顧客需求確定性、產品需求確定性、及前置時間確定性三種情況再製生產環境下，該採用何種製造策略使其績效有較佳的表現。本研究發現：當物料需求確定性低時，計畫式生產方式皆優於訂單式生產策略，及當顧客需求確定性低時，接單式生產方式優於計畫式生產方式策略。

Keywords : reverse logistics ; Make to Stock (MTS) ; Make to Order (MTO) ; simulation

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