

عنوان مقاله:

THE DEVELOPMENT OF COFFEE PADS INSERTION FEEDER TO ALUMINUM FOIL PACKAGING

محل انتشار:

مجله تحقیقات کاربردی، دوره 3، شماره 3 (سال: 1396)

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خلاصه مقاله:

This project was performed to help small and medium industries (SMEs) in Malaysia, especially for related coffee manufacturing industry to overcome their problem in packaging processes. A coffee packaging has a specific requirement to preserve the freshness of coffee contents as well as attract the consumer with the design and graphics. Due to that, the development of insertion feeder for coffee sachet pads to aluminum foil packaging was developing for the particular industry. The important element in this design is that coffee pads should drop one by one from insertion feeder through forming part before an auto sealing process. This insertion feeder was developing using the chain conveyor that are carried the 16 containers with a total length of 96 cm with an adjustable speed motion controlled by PLC that can go up to 100 drops per minute. These machines are capable of producing up to 12,000 packaging in 2 hours packaging line processes compare to conventional method with the increment production of 233%.

کلمات کلیدی:

Coffee packaging, coffee pads, chain conveyor

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