

HIGHLIGHTS

Enhancing Efficiency and Quality through Automation

Concept Rubber Products Sdn Bhd

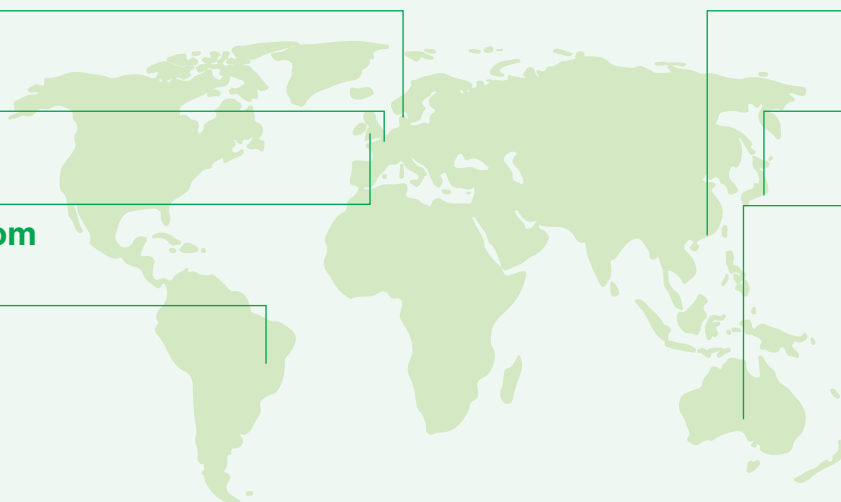


Automatic Stripping Machine

Concept Rubber Products Sdn Bhd, a manufacturer of latex examination gloves, male external catheters, and custom-dipped rubber products, has modernised its production process with the help of the Fund for Automation and Green Technology (FAGT) by MRC. The company has implemented an automatic stripping process to enhance efficiency, reduce labour dependency, and improve product quality.

The newly installed automatic stripping machines are equipped with a reject glove collector system that utilises advanced artificial intelligence (AI) and computer vision techniques. This innovative solution examines glove quality after the stripping process, and records and analyses data for Overall Equipment Efficiency (OEE).

The company has reduced its manpower requirements by an impressive 67%, leading to an estimated annual savings of RM352,000 on labour costs. The FAGT initiative has been instrumental in enabling Concept Rubber Products Sdn Bhd to adopt cutting-edge automation technology and strengthen its competitive position in the global market.

Concept Rubber Products Sdn Bhd**Workforce****120** workers**Specialty****Latex Examination Gloves****Male External Catheters****Custom Dipped Rubber Products****Export Markets****Denmark****Netherlands****United Kingdom****Brazil****Hong Kong****Japan****Australia****Project Objective**

Improving efficiency and product quality by migrating from a manual to an automatic stripping process, which utilises AI and computer vision techniques.

**Machine Purchased****Automatic Stripping Machine****Value of FAGT Funding****RM202,000**

(50% of total project cost)

Project Achievements**67%** reduction in manpower**RM****352,000**

estimated annual savings on manpower costs