

## HIGHLIGHTS

# Innovation in Rubber Hose Fabrication

*FT Hose & Hose Sdn Bhd*



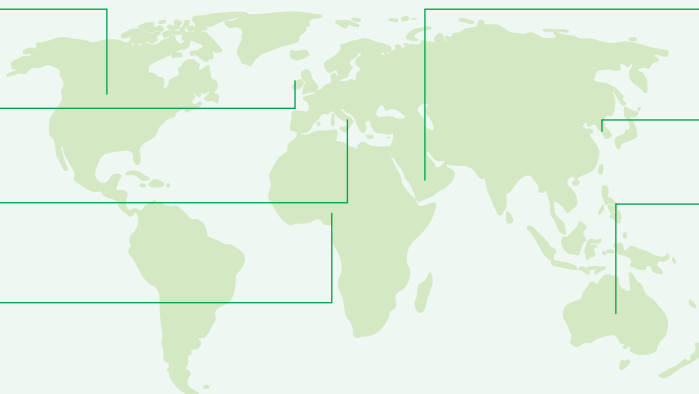
*Calendering Machine*

FT Hose & Hose Sdn Bhd enhanced its production processes by implementing advanced calendering and lathe technology to enhance efficiency and improve product quality. With the assistance of the FAGT, the company invested in an automated calendering machine, enabling in-house production of rubber fabric compound sheets. This strategic move has resulted in a remarkable 20% improvement in product delivery compared to purchasing fabric from local suppliers.

Additionally, FT Hose & Hose Sdn Bhd upgraded its lathe machine process from manual to semi-automated, resulting in significant improvements in hose profile quality.

The advanced lathe technology has not only reduced manpower requirements by an impressive 56% but also increased throughput by 69%. This combination of enhanced product quality and increased productivity has positioned the company for sustained growth and competitiveness in the global market.

The automated calendering machine is estimated to generate cost savings of RM 524,000 per year compared to purchasing fabric from suppliers. Additionally, the semi-automated lathe process is projected to save RM 584,000 annually through workforce reduction and increased throughput.

**FT Hose & Hose Sdn Bhd****Workforce****75** workers**Specialty****Rubber Hose****Export Markets****USA****Middle East****United Kingdom****Korea****Italy****Australia****Brazil***Lathe Machine***Machine Purchased****Automated  
Calendering****Lathe Process****Value of FAGT Funding****RM605,419.50**

(30% of total project cost)

**Project Achievements****Calendering Machine****20%**

improvement in product delivery compared to purchasing fabric from local suppliers

**RM524,000**

estimated annual cost savings

**Lathe Machine****Successfully improved**

hose profile quality

**56%**

reduction in manpower

**RM584,000**

estimated annual cost savings

**69%**

increase in throughput