

**TECH NEED**

## Seeking Solutions for Automated Skewering



### KEY INFORMATION

TECHNOLOGY CATEGORY:

**Manufacturing** - Assembly, Automation & Robotics

**Foods** - Processes

TECHNOLOGY READINESS LEVEL (TRL): **TRL7**

COUNTRY: **SINGAPORE**

ID NUMBER: **TN174476**

### BACKGROUND/DESCRIPTION

Satay has been a beloved comfort food for generations of Singaporeans. To meet the ever-growing demand and ensure consistent supply, one satay business is automating its production. By embracing automation, the goal is to streamline processes, increase efficiency, and continue delivering the same high-quality satay that customers know and love. The satay company is seeking to work with automation companies to design an equipment portion and line the meats for skewering.

### TECHNOLOGY SPECIFICATION

There is interest to seek out automation and tooling companies who are able to customise machinery to handle food at high throughput. Here are some key features that should be available in the solution:

1. Automated portioning and lining of meat pieces for skewering
2. Skewering process of raw meat (chicken, mutton, beef)

3. Output of 83 satays per minute

## WHAT WE ARE NOT INTERESTED IN

- Off-the-shelf technologies
- Technologies that are not food-grade

## PREFERRED BUSINESS MODEL

- R&D Collaboration