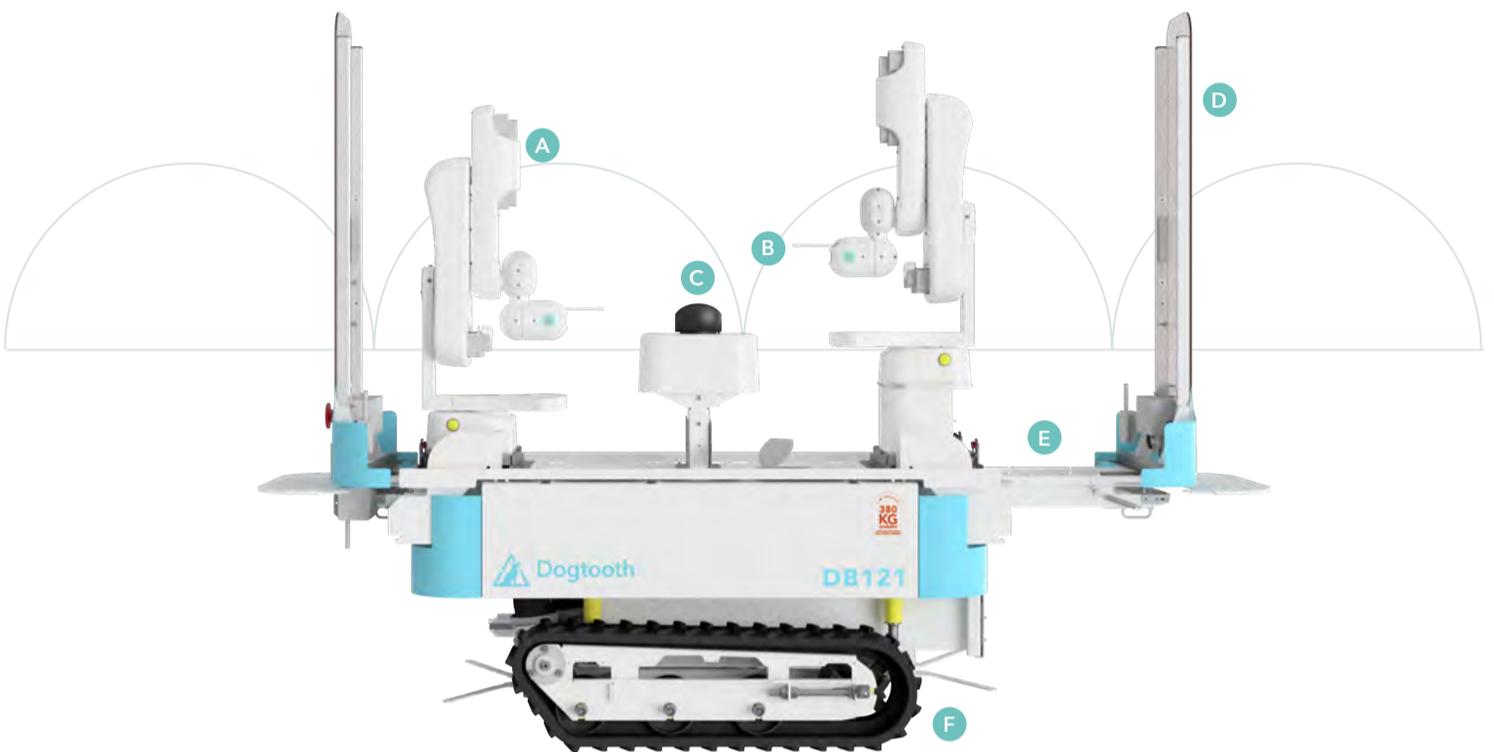




# Dogtooth

# Robotic strawberry picking on your farm



- A Picking arm
- C Inspection system
- E Tray holder
- B Picker head & camera
- D Protection guard
- F Caterpillar tracks

## GEN5 SPECIFICATION (AVAILABLE FROM 2023)

Extraction rate	80%	Charging input	3A @ 240v
Wastage	<1%	Battery life	22 hours
Speed	8 berries per minute	Energy consumption	250W
Size (LxWxH)	1.8m x 0.7m x 2.0m	<b>Infrastructure requirements:</b>	
Weight	400kg	<ul style="list-style-type: none"> <li>• WiFi coverage</li> <li>• 230 V AC for battery charging</li> </ul>	
Safety	UKCA marked	<ul style="list-style-type: none"> <li>• Indoor robot storage, e.g. shipping container</li> <li>• Tabletop growing systems (glasshouse and polytunnel)</li> </ul>	

## Frequently Asked Questions

### How much does it cost?

The cost of robot picking will be approximately £0.50/kg for most users as a season-long average, including overheads.

### How much training is required?

Your team will be able to operate robots with a few of days' training and Dogtooth offers all the support you need. Generally, one operator will operate 12 robots.

### Will I still need human workers?

Yes, although robotic picking dramatically reduces the labour requirement, Dogtooth's aim is to make the workforce more productive, not to replace it. Farm workers are still needed for robot operation, clean-up, crop husbandry, and logistics.

### Are robots safe?

Yes, customer-operated robots will be fully compliant with UKCA's Machinery Health & Safety and EMC directives

### What other benefits do robots provide?

Our robots can:

- Provide high quality inspection and packaging capabilities in situ, significantly reducing the overhead cost of quality control;
- Operate overnight, increasing shelf life due to cooler conditions and facilitating multiple shifts at peak harvest;
- Gather crop condition data for yield monitoring and forecasting.

