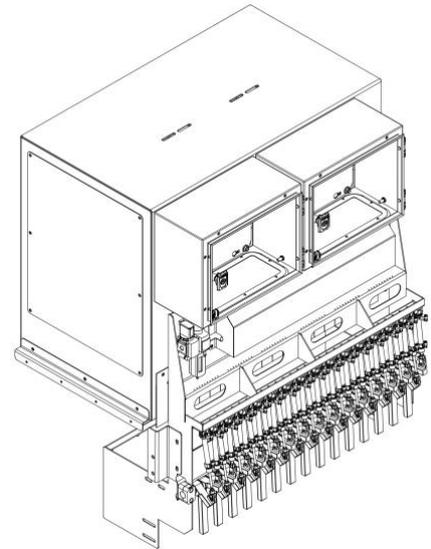**Karevo**

Karevo's AI powered Potato Sorting System

Karevo brings state-of-the-art technology to farms: An AI-supported system specifically developed for family farms and direct marketers. The system reliably recognizes external quality characteristics on unwashed table potatoes - from green spots to wireworm damage and sorts gently and precisely. Thanks to a combination of reliable image processing agorithms and artificial intelligence, the compact system achieves the highest sorting accuracy with up to 5 tons per hour.
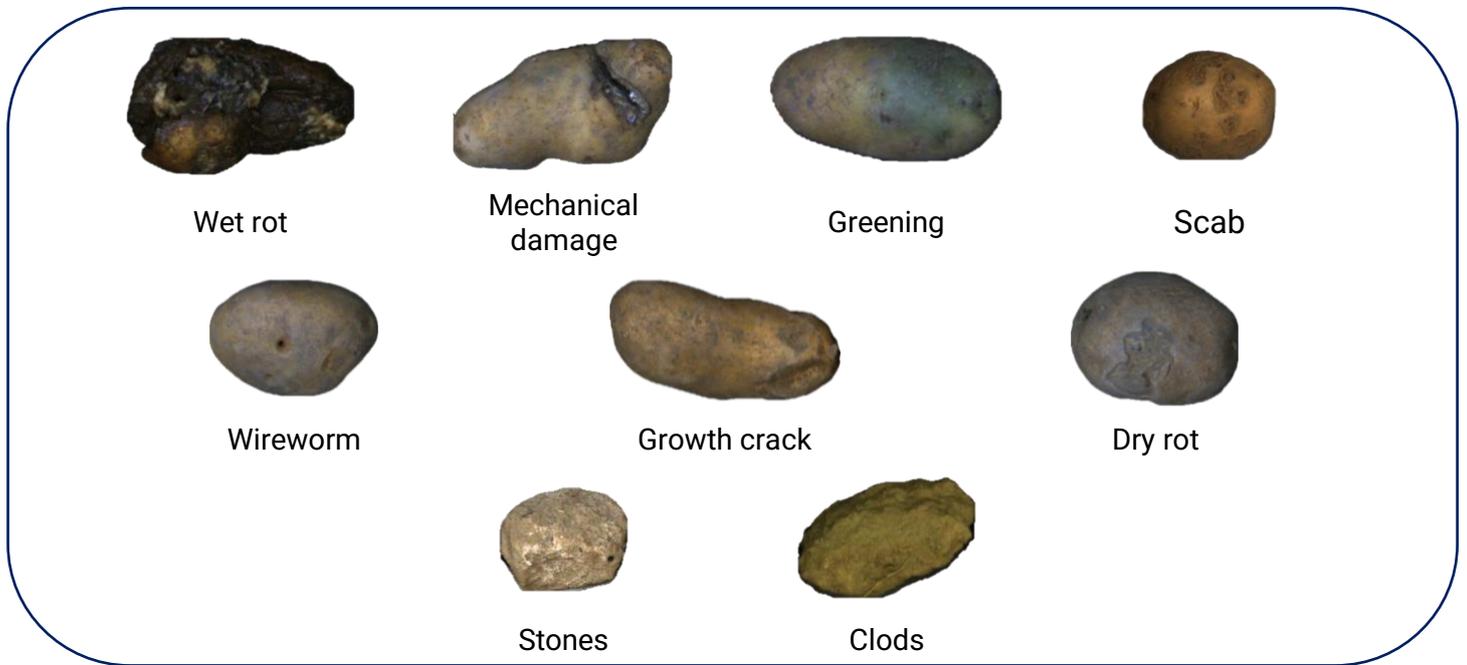
Highlights

- **Specifically developed for family farms and direct marketers**
- **Higher detection accuracy than manual sorting**
- **Works with unwashed potatoes**
- **Compact design and easy integration**
- **Gentle product handling**
- **Adaptable to different potato varieties**
- **Low maintenance requirements through maximum standardization**
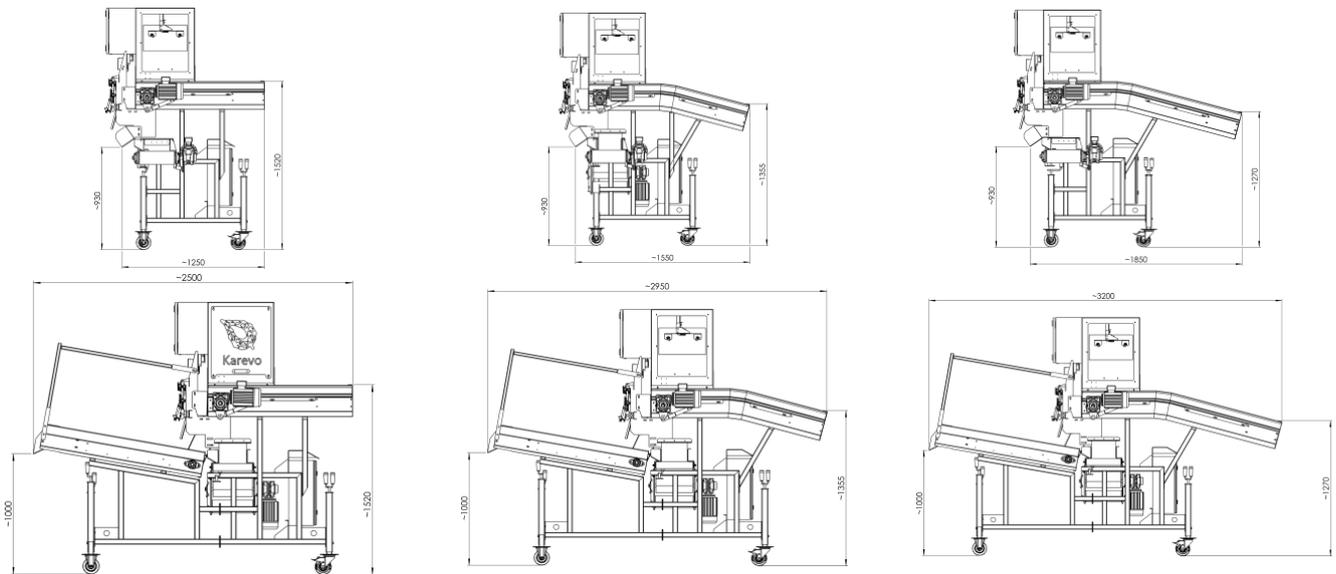
Technical Performance

- Complete quality analysis in real-time
- Adaptable to different potato varieties and operating conditions
- Reliable foreign object detection
- Easy operation
- Statistical evaluation of defect detection

Economic Benefits

- Savings in working time and labor costs
- Increases flexibility during labor-intensive phases
- Simplifies management of labour
- Consistently high sorting quality over long working periods

Wet rot

Mechanical damage

Greening

Scab

Wireworm

Growth crack

Dry rot

Stones

Clods

A Suitable System for Every Operation

DATA SHEET

Sorting Capacity	Up to 5 tons per hour
Detection Accuracy	≈ 95%
Additional Detections	Defect size Foreign object detection (stones, clods)
Application Area	Unwashed table potatoes
Sorting Mechanism	Pneumatic fingers
Technical Specifications	Working width: 850 mm Power supply: 400 V, 50 Hz, with a total power requirement of approx. 1.5 kW Oil-free compressed air, 6 bar