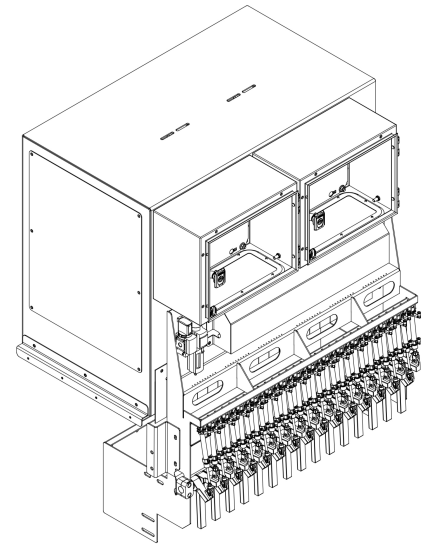


Product Datasheet DUO85



AI POTATO SORTING BY KAREVO

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 algorithms and artificial intelligence, the compact system achieves the highest sorting accuracy with up to 5 tons per hour.



HIGHLIGHTS

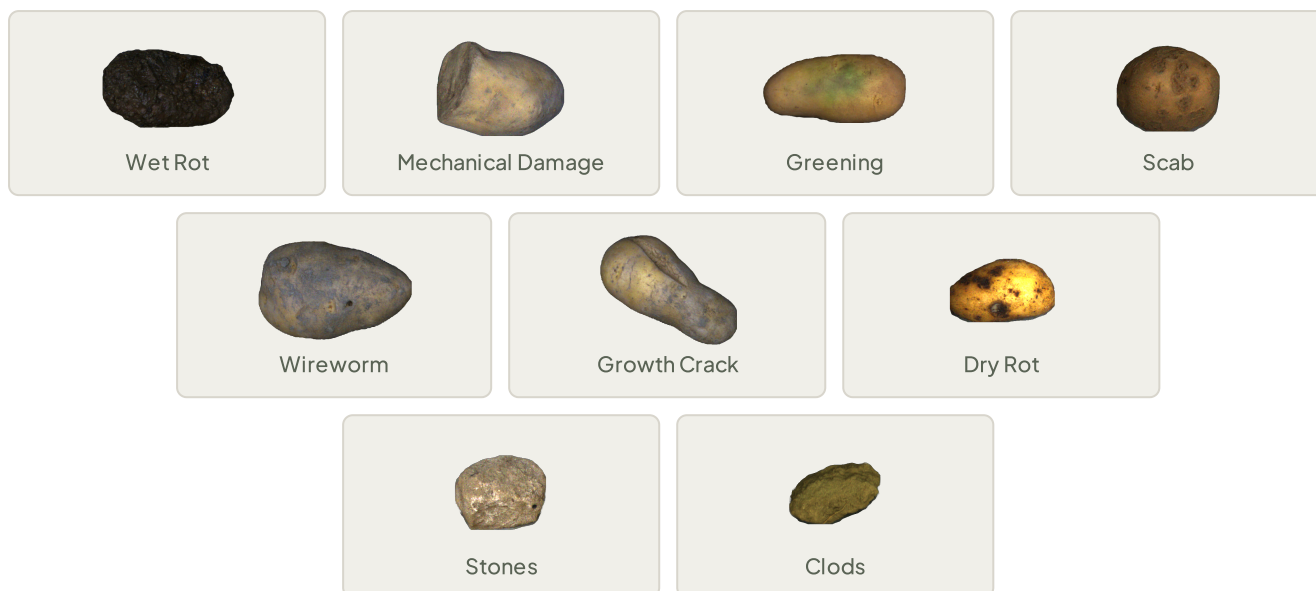
- ✓ Specially developed for family businesses and direct marketers
- ✓ Higher detection accuracy than manual sorting
- ✓ Works with unwashed potatoes
- ✓ Compact design and easy integration
- ✓ Gentle product handling
- ✓ Adaptable to different potato varieties
- ✓ Low maintenance through maximum standardization

Technical Performance

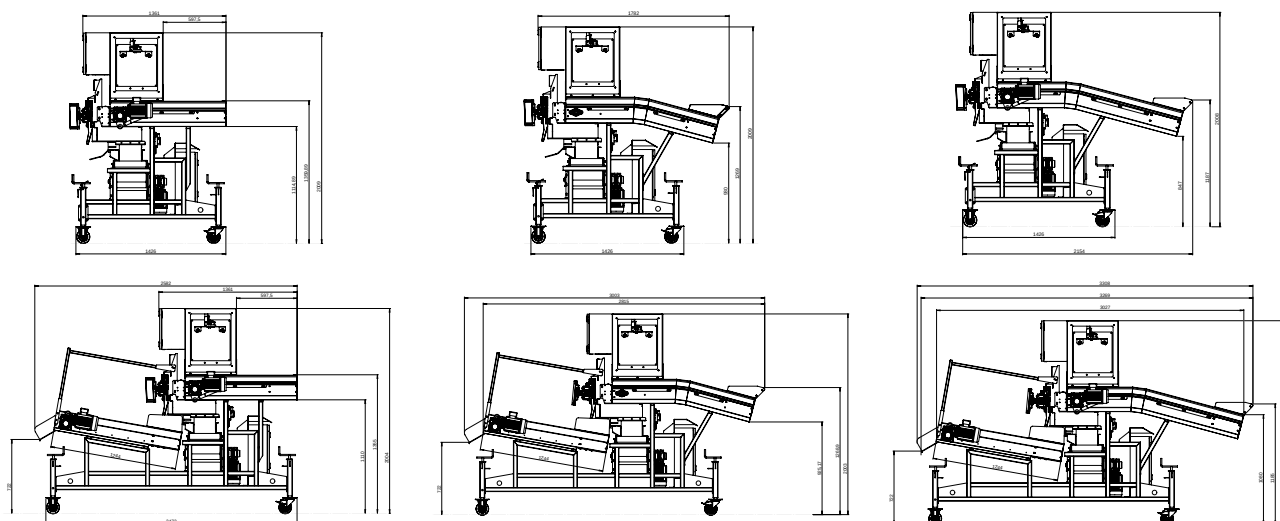
- Complete real-time quality analysis
- Adaptable to different potato varieties and operating conditions
- Reliable foreign object detection
- Simple operation
- Statistical evaluation of defect detection

Economic Benefits

- Savings in working time and labor costs
- Increased flexibility during labor-intensive phases
- Simplified personnel planning
- Consistently high sorting quality over long working periods



A SUITABLE SYSTEM FOR EVERY FARM



TECHNICAL SPECIFICATIONS

Property	Value
Sorting Capacity	Up to 5 tons per hour
Detection Accuracy	≈ 95%
Additional Detection Function	Defect size, foreign object detection (stones, clods)
Application Area	Unwashed table potatoes
Ejection Mechanism	Pneumatic Fingers
Working Width	850 mm
Power Supply	400 V, 50 Hz, total power requirement approx. 1.5 kW
Compressed Air	Oil-free compressed air, 6 bar