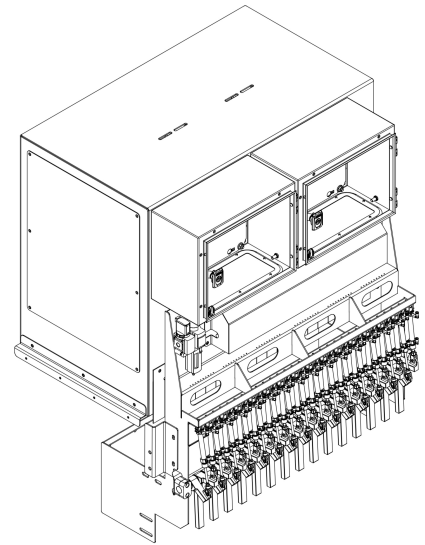




AI POTATO SORTING BY KAREVO

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

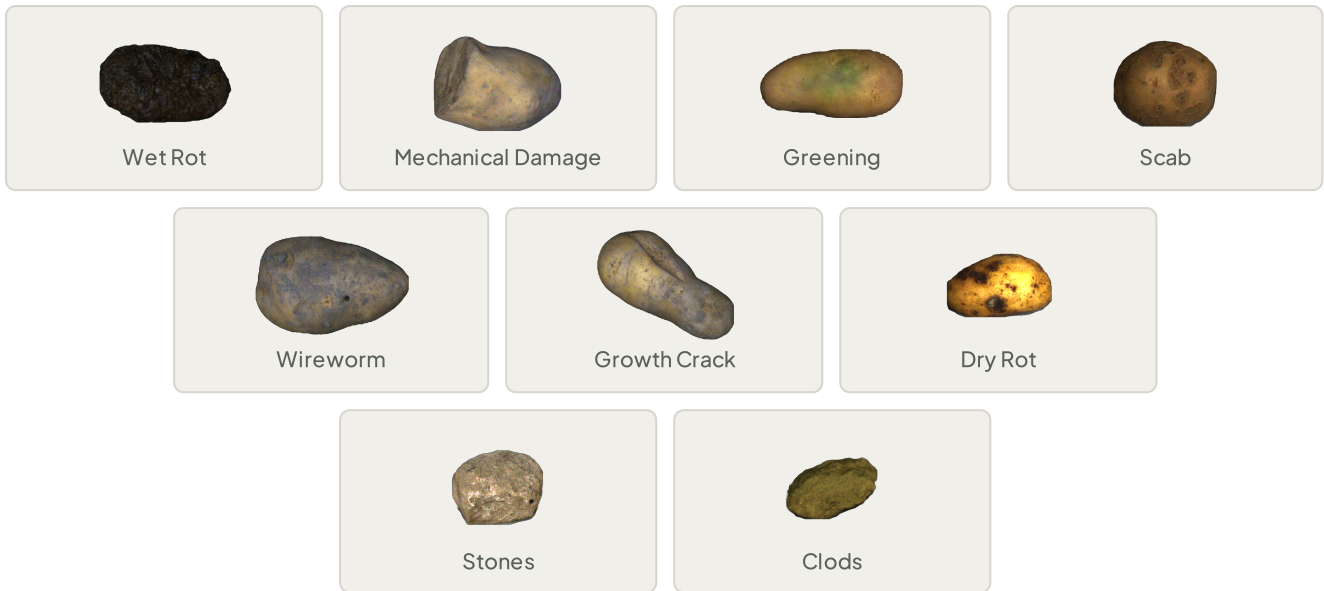
- ✓ Specially developed for family businesses and direct marketers
- ✓ Higher detection accuracy than manual sorting
- ✓ Works with unwashed potatoes
- ✓ Compact design and easy integration
- ✓ Gentle product handling
- ✓ Adaptable to different potato varieties
- ✓ Low maintenance through maximum standardization

Technical Performance

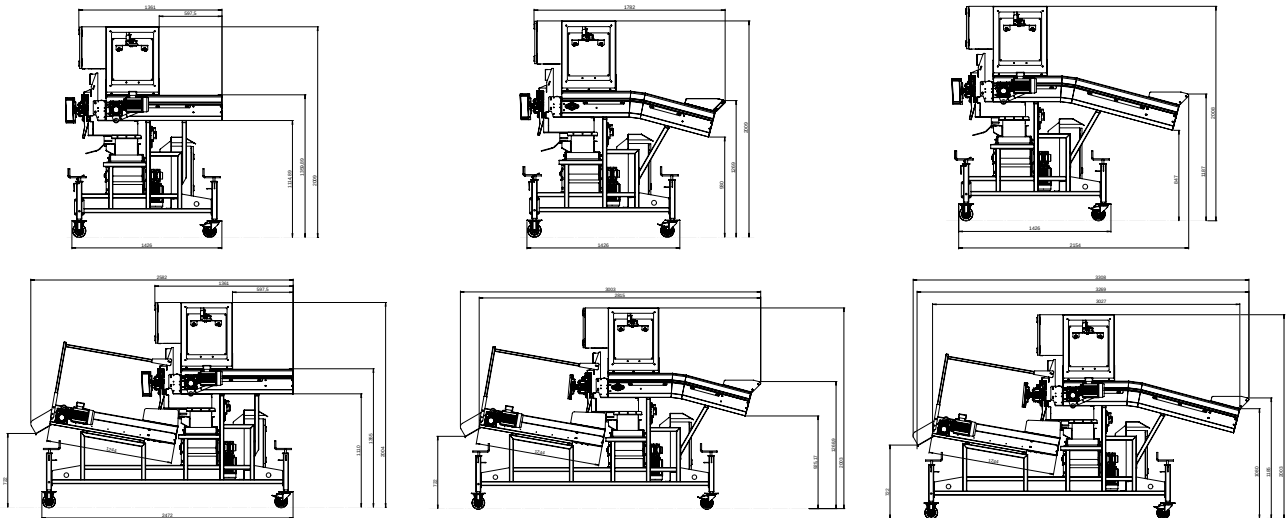
- Complete real-time quality analysis
- Adaptable to different potato varieties and operating conditions
- Reliable foreign object detection
- Simple operation
- Statistical evaluation of defect detection

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 |