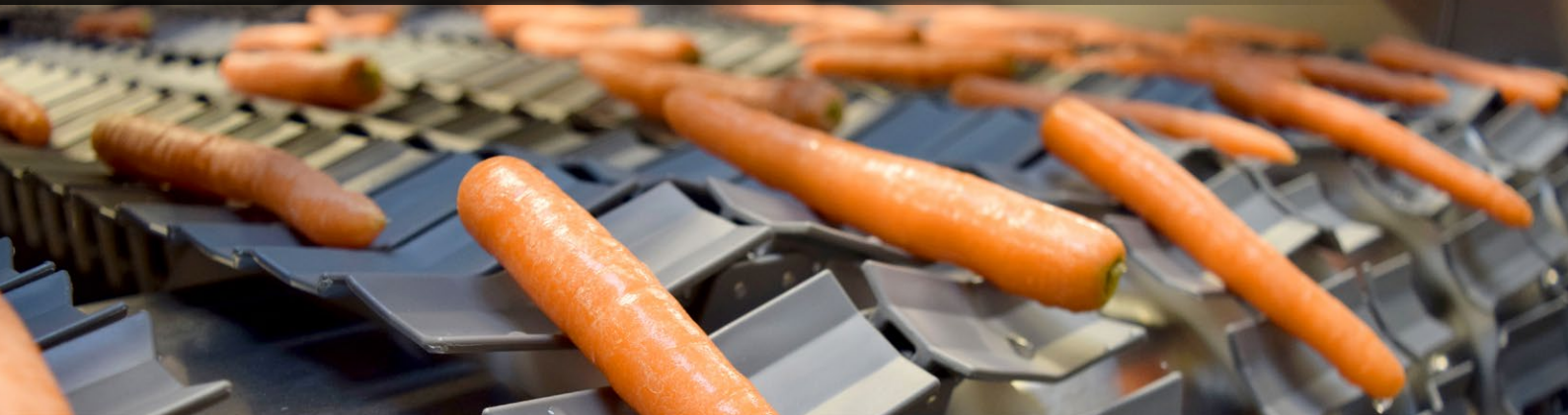


## Optical sorting machines



SIMULTANEOUS  
SORTING BY  
QUALITY, SIZE  
AND SHAPE

## **NEWTEC** OPTICAL SORTING MACHINE **CELOX-C-UHD**

**Application:** Carrots

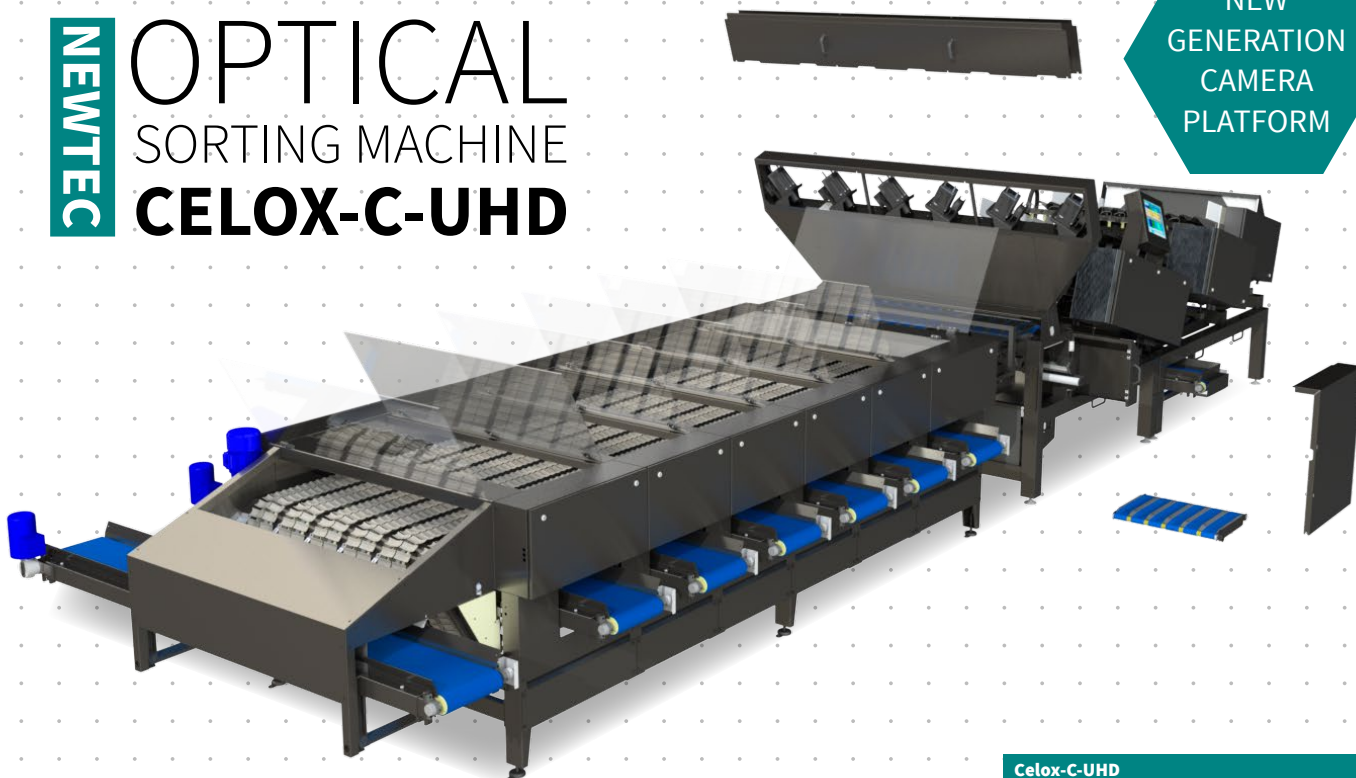
**Advantages:**

- Quality, size and shape sorting in one machine
- Accurate selection of high-value products
- Consistent quality output
- No need for mechanical pre-grading
- New generation camera platform
- Newtec WebServices for capturing of complete product information and remote servicing

# Optical sorting machines

## NEWTEC OPTICAL SORTING MACHINE CELOX-C-UHD

NEW GENERATION CAMERA PLATFORM



### Your advantages

- Patented technology
- Unique and world leading quality sorting
- Gentle product handling
- Labour cost savings
- Modular and future-proof system
- Easy access for cleaning and service
- New generation camera platform
  - New light panels
  - Colour consistency and low power consumption
  - High resolution: 1 pixel = 0.08 mm<sup>2</sup>
  - Small carbon footprint

### Newtec software

- Intuitive interface for controlling quality, size and shape
- Webbased user interface for convenient accessibility
- PLC connectivity for line integration

### Celox-C-UHD

Model	X1 (length, mm)	X2 (length, mm)
2+1	7300	1530
3+1	7920	2150
4+1	8540	2770
5+1	9160	3390
6+1	9780	4010
7+1	10400	4630
8+1	11020	5250
9+1	11640	5870
10+1	12260	6490
11+1	12880	7110
12+1	13500	7730

### Optical sorting machine with 8 or 12 lanes

**Speed:** 8 lane: up to 80,000 carrots/h  
12 lane: up to 120,000 carrots/h

#### Air requirements:

Min. Pressure: 4 bar  
Consumption: 500-600 L/min.

**Electrical requirement:** 3x400V+N+PE, 20A

**Environment:** 5°C – 40 °C/41 °F - 104°F

**Weight:** From 2800 kg – 4270 kg

