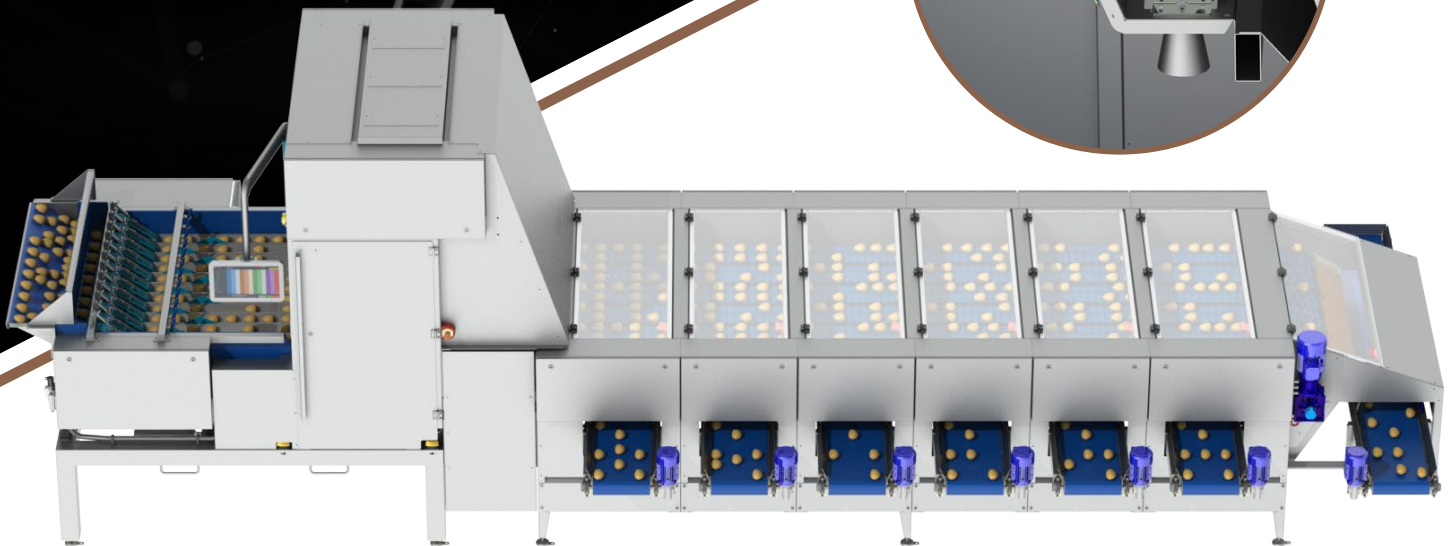




# NEWTEC OPTICAL SORTING MACHINE CELOX-P-DUAL-UHD, 12 LANES

NIR LED-ILLUMINATION FOR  
ADVANCED DEFECT DETECTION

DUAL LENSE  
CAMERAS



## Simultaneous sorting by quality, size and shape

### Advantages

- Increased capacity – Increased tracking area – Unprecedented accuracy
- Newtec AI Vision Engine Gen3
- NIR-lighting for advanced defect detection
- Accurate selection of high-value products
- Consistent quality output
- Patented roller vibrator technology
- High quality touch screen
- Intuitive interface for configuring products by quality, size and shape

### Application

- Potatoes



WEBSERVICES AVAILABLE  
FOR REMOTE SERVICING

## YOUR ADVANTAGES

- Optimal use of potatoes with unique and world leading quality sorting
- Gentle product handling
- Modular and upgradable system
- Long life LED illumination
- High resolution 1 pixel = 0.16 mm<sup>2</sup>
- High colour consistency
- Consistent quality output
- Highly accurate tracking and sorting
- Labour cost savings
- Custom made options
- No need for mechanical pre-grading
- Easy access for cleaning and service
- Low power consumption

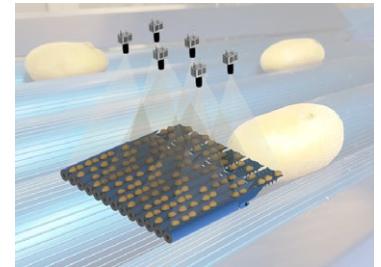
## SPINAFLEX™

- Unique finger-drop-system
- Electronically controlled product drop system
- Redesigned and improved in 2023



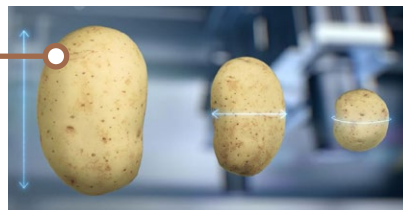
## VIBRATING ROLLERS

- Patented vibrating rollers
- All products are assessed from all angles
- Ensuring continuous flow



## SIMULTANEOUS SORTING BY

- **SIZE** (Length, Diameter, Volume)
- **SHAPE** and **QUALITY**
- **MULTIPLE VARIETIES**



## CELOX-P-DUAL-UHD, 12 LANES

Machine size	Length mm	
	(X1*)	(X2*)
2+1	5166	1530
3+1	5786	2150
4+1	6406	2770
5+1	7026	3390
6+1	7646	4010
7+1	8266	4630
8+1	8886	5250
9+1	9506	5870
10+1	10,126	6490
11+1	10,746	7110
12+1	11,366	7730
13+1	11,986	8350
14+1	12,606	8970
15+1	13,226	9590

X1\* total length X2\* outlet only

## CELOX-P-DUAL-UHD

AVAILABLE WITH 4, 8 OR 12 LANES  
Up to 16 outlets (categories)

**Speed / Capacity** Up to 30 tons per hour, depending on the size of the potatoes. (12 lanes)

- > Potatoes of 30 g: ~ 9 tons/hour
- > Potatoes of 80 g: ~ 16 tons/hour
- > Potatoes of 300 g: ~ 30 tons/hour

**Material** Stainless steel + EU/FDA compliant

**Protection class** IP65

**Air requirement**

**Min. pressure** 6 bar (0.6 MPa)  
**Consumption** 50-100 NI/min. (12 lanes)

**Electrical requirement** 3x400 V+N+PE, 50 Hz or 3x230 V+PE, 60 Hz

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

**Weight** From 1850 kg – 3770 kg (Depending on model)

