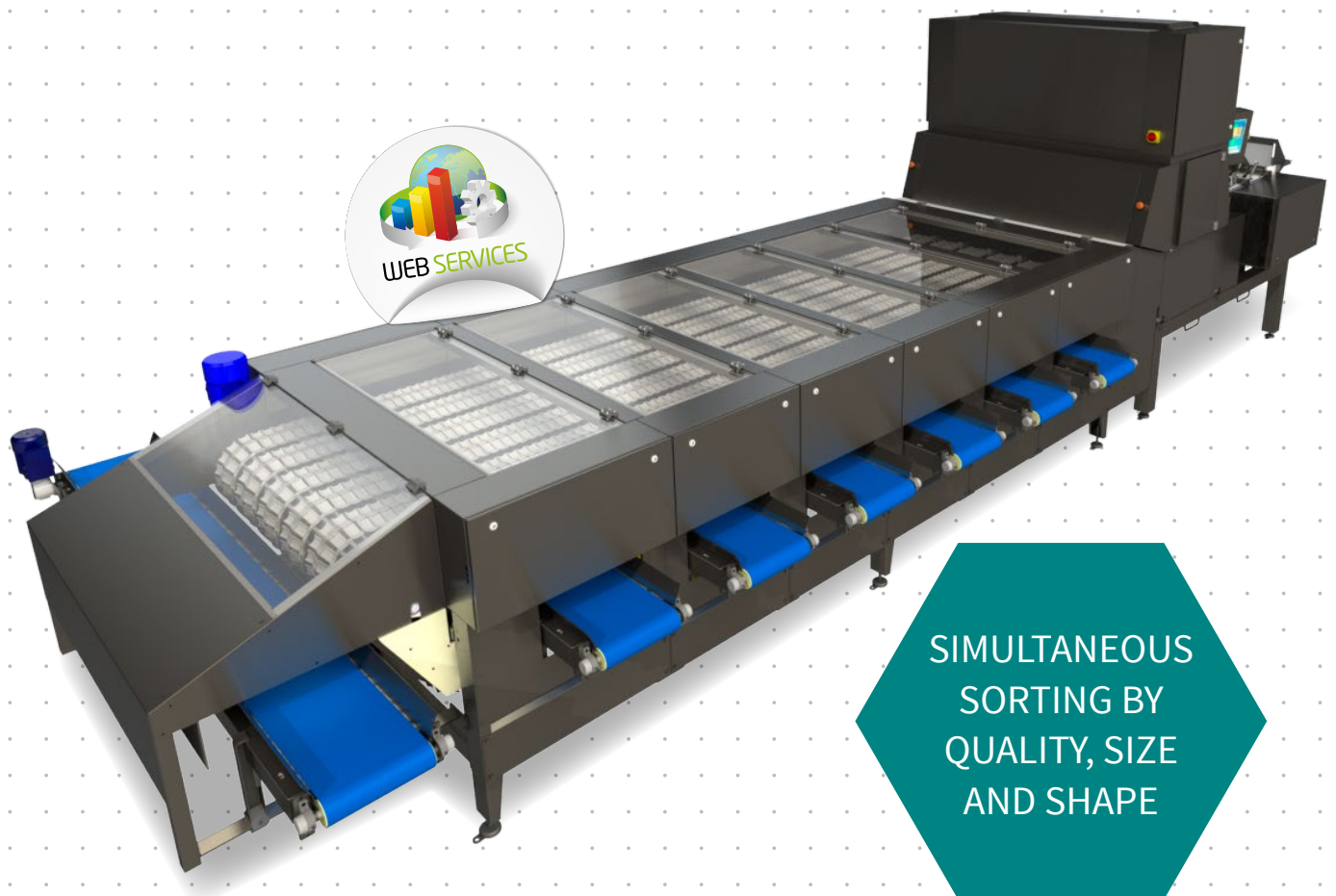


## Optical sorting machines



SIMULTANEOUS  
SORTING BY  
QUALITY, SIZE  
AND SHAPE

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

**Application:** Potatoes

**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

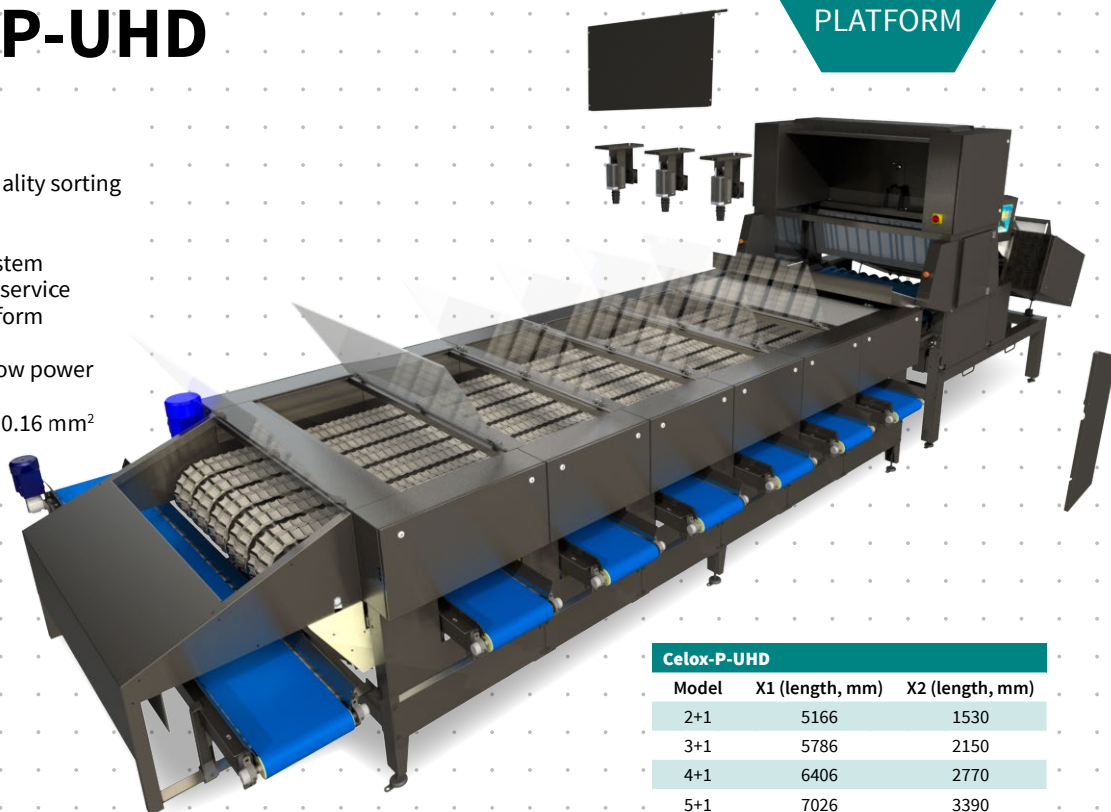
# Optical sorting machines

## NEWTEC OPTICAL SORTING MACHINE CELOX-P-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 = 0.16 mm<sup>2</sup>
  - Small carbon footprint



Celox-P-UHD		
Model	X1 (length, mm)	X2 (length, mm)
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	10126	6490
11+1	10746	7110
12+1	11366	7730

### Newtec software

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

### Optical sorting machine with 12 lanes

**Capacity:** From 4 to approx. 30 tonnes of product/h, depending on the size of the potatoes.

Example:

>Potatoes of 30 g: ~ 6.3 tonnes/hour

>Potatoes of 80 g: ~ 14 tonnes/hour

>Potatoes of 300 g: ~ 28 tonnes/hour

#### Air requirement:

Min. Pressure: 6 bar

Consumption: 50-100 L/min.

**Electrical requirement:** 3x400V+N+PE, 13A

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

**Weight:** From 1850 kg - 3320 kg

