

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

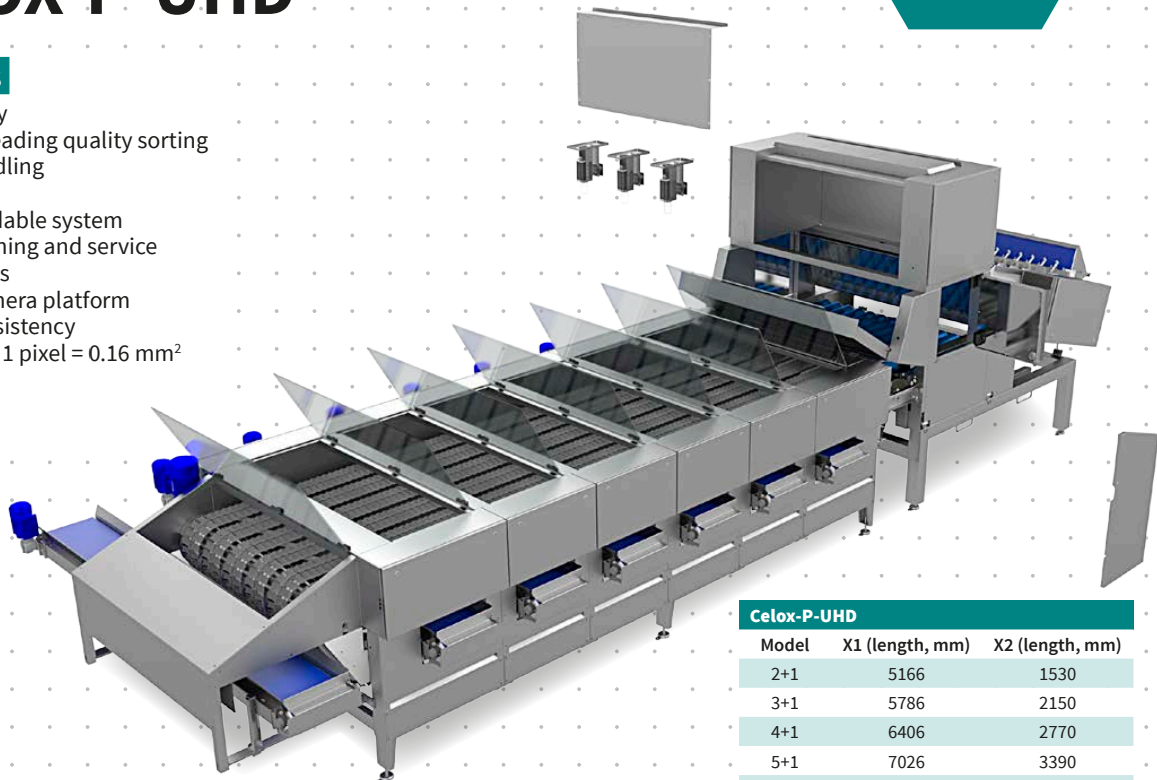
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NEWTEC OPTICAL SORTING MACHINE CELOX-P-UHD

NEW GENERATION CAMERA PLATFORM

Your advantages

- Patented technology
- Unique and world leading quality sorting
- Gentle product handling
- Labour cost savings
- Modular and upgradable system
- Easy access for cleaning and service
- New LED light panels
- New generation camera platform
 - High colour consistency
 - High resolution: 1 pixel = 0.16 mm²



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 configuring rules for sorting products by quality, size and shape
- Web-based user interface for convenient accessibility
- PLC connectivity for production 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 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

