Simultaneous sorting by quality, size and shape

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

Application
- Potatoes
OPTICAL SORTING MACHINE CELOX-P-UHD

YOUR ADVANTAGES

- Optimal use of potatoes with unique and world leading quality sorting
- Increased throughput
- Increased operational reliability
- Low maintenance cost
- Patented technology
- 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

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

CELOX-P-UHD 12 LANES

<table>
<thead>
<tr>
<th>Outlets</th>
<th>Length, mm (X1*)</th>
<th>Length, mm (X2*)</th>
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OPTICAL SORTING MACHINE AVAILABLE WITH 2, 4, AND 12 LANES

Capacity (12 lanes) From 4 to approx. 30 tonnes of product/h, depending on the size of the potatoes:
> Potatoes of 30 g: ~ 6 tonnes/hour
> Potatoes of 80 g: ~ 14 tonnes/hour
> Potatoes of 300 g: ~ 28 tonnes/hour

Electrical requirement 3x400V+N+PE, 13A

Environment 5°C – 40°C/41°F - 104°F

Weight From 1200 kg - 3500 kg

Air requirement Min. pressure 6 bar (0.6 Mpa)

Consumption 50-100 L/min.

Newtec sorting solution, 2x6+1, Celox-P-UHD, 12 lanes

Patented vibrating rollers with camera controlled LED lights.

*2D model of CELOX-P-UHD, 12 lanes