NEWTEC
Weighing, packing & sorting machinery

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

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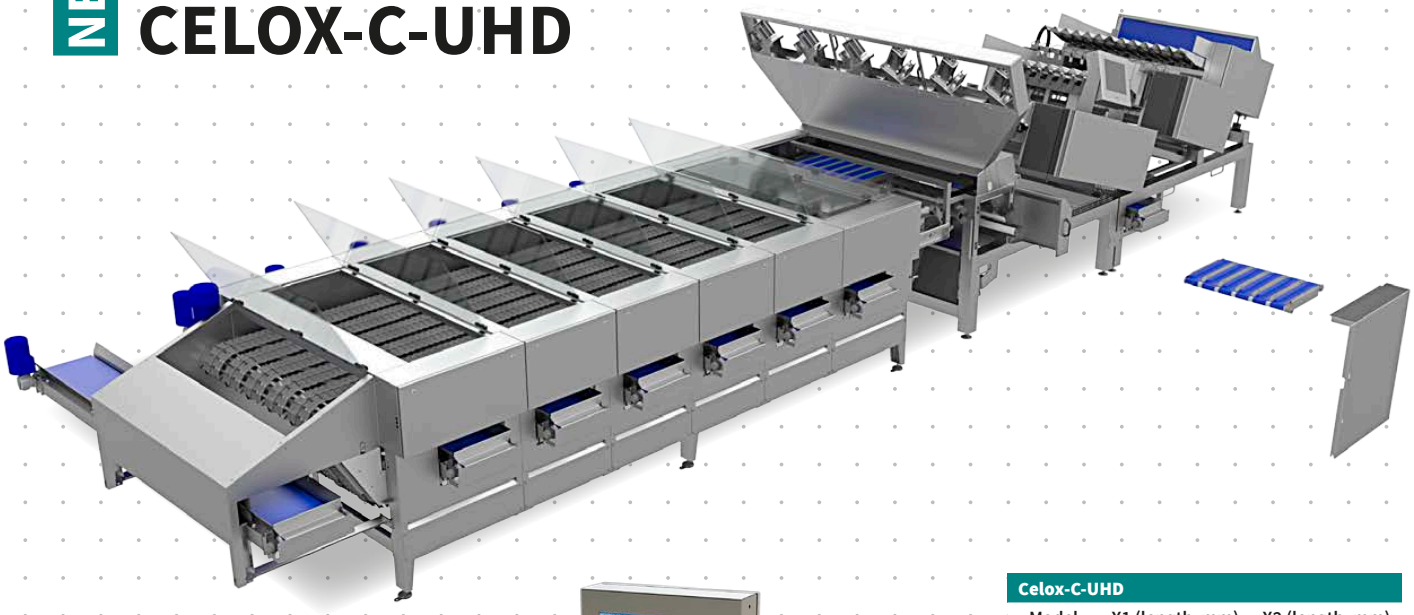
OPTICAL SORTING MACHINE CELOX-C-UHD

NEW GENERATION CAMERA PLATFORM



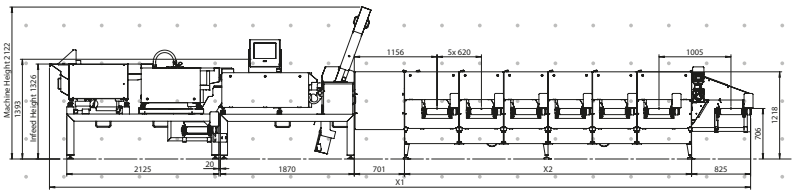
Celox-C-UHD		
Model	X1 (length, mm)	X2 (length, mm)
2+1	7300	1530
3+1	7920	2150
4+1	8540	2770
5+1	9160	3390
6+1	9780	4010
7+1	10400	4630
8+1	11020	5250
9+1	11640	5870
10+1	12260	6490
11+1	12880	7110
12+1	13500	7730

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 = 0.08 mm²

Newtec software

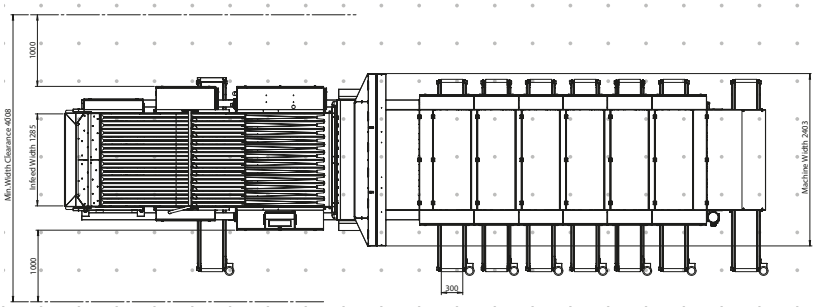
- Intuitive interface for configuring rules for sorting products by quality, size and shape
- Web-based user interface for convenient accessibility
- PLC connectivity for production line integration



Optical sorting machine with 8 or 12 lanes

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

Electrical requirement: 3x400V+N+PE, 20A
Environment: 5°C – 40°C/41°F - 104°F
Weight: From 2800 kg – 4270 kg



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