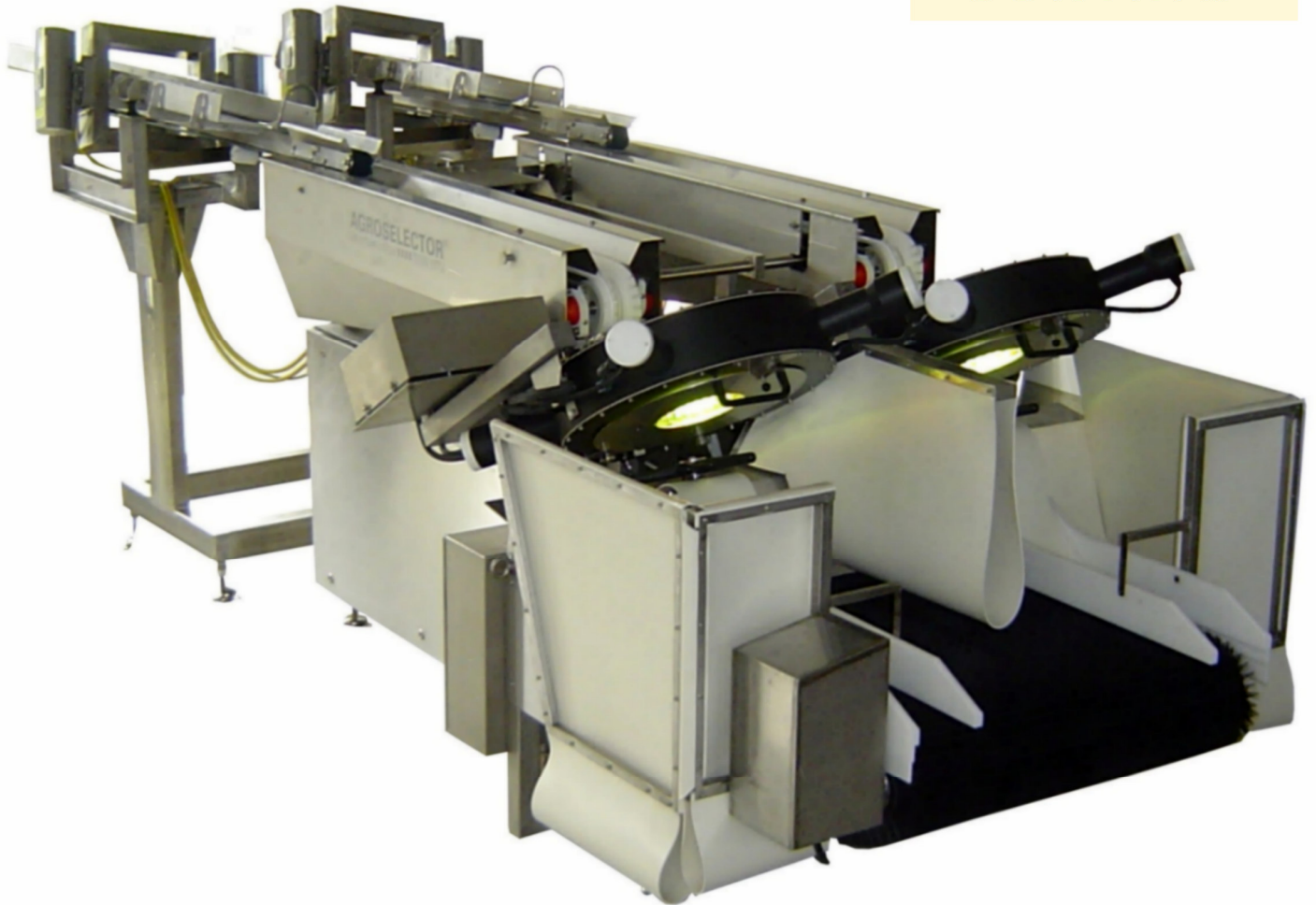


AGROSELECTOR[®] TWIN 10T-3M CARROT

ELECTRONIC
SORTING



Defect Specification

good



bended



double



broken



green area too large



rotten



black



split



AGROSELECTOR® TWIN 10T-3M CARROT

Machine Properties:

- scanning of the total surface
- high sorting precision by modern camera technology
- three free adjustable sorting results possible
- high durability of the cameras and the light sources, no readjustment even the products are changed and in three-shift-operation
- simple operation by Touch-Screen, extensive memory and statistic functions
- robust, low-maintenance construction for a long durability and high hygienic requirements
- automatic cleaning function
- damage-less product handling
- PLC control, PROFIBUS connection, Remote Service via Internet
- easy implementation into pre-existing production lines

Capacity:

- up to 4 t/h, depending on the product size

Detection:

- color values and contrast differences on the surface
- decayed spots
- green discoloring
- brown, black spots
- broken carrots
- size, outer shape

Teach-in Function:

- display of both, the color and the brightness spectrum of a sample for straightforward setting of the sorting parameters

Optical Sensing Head:

- 4 SELECT color cameras
- multiple-wavelength illumination
- long-life, wear-resistant light source
- waterproof and air-conditioned
- programmable automatic cleaning system

Ejector:

- electrically driven rubber-finger rotor (international patented)

Connection Conditions:

- power supply
 - o 3 x 400 V / 50 Hz / 1.5 kW
 - o 3 x P+N+PE

