CAMERA-CONTROLLED.
PRECISE. LINE-INTEGRATED.

ESPERA DvC Vision inspection systems
for maximum quality control

ESPERA DvC Vision inspection systems

Quality control for all applications in the fresh food industry

FULL CONTROL OVER YOUR LABELING PROCESS - EXPERIENCE THE NEW ESPERA VISION GENERATION
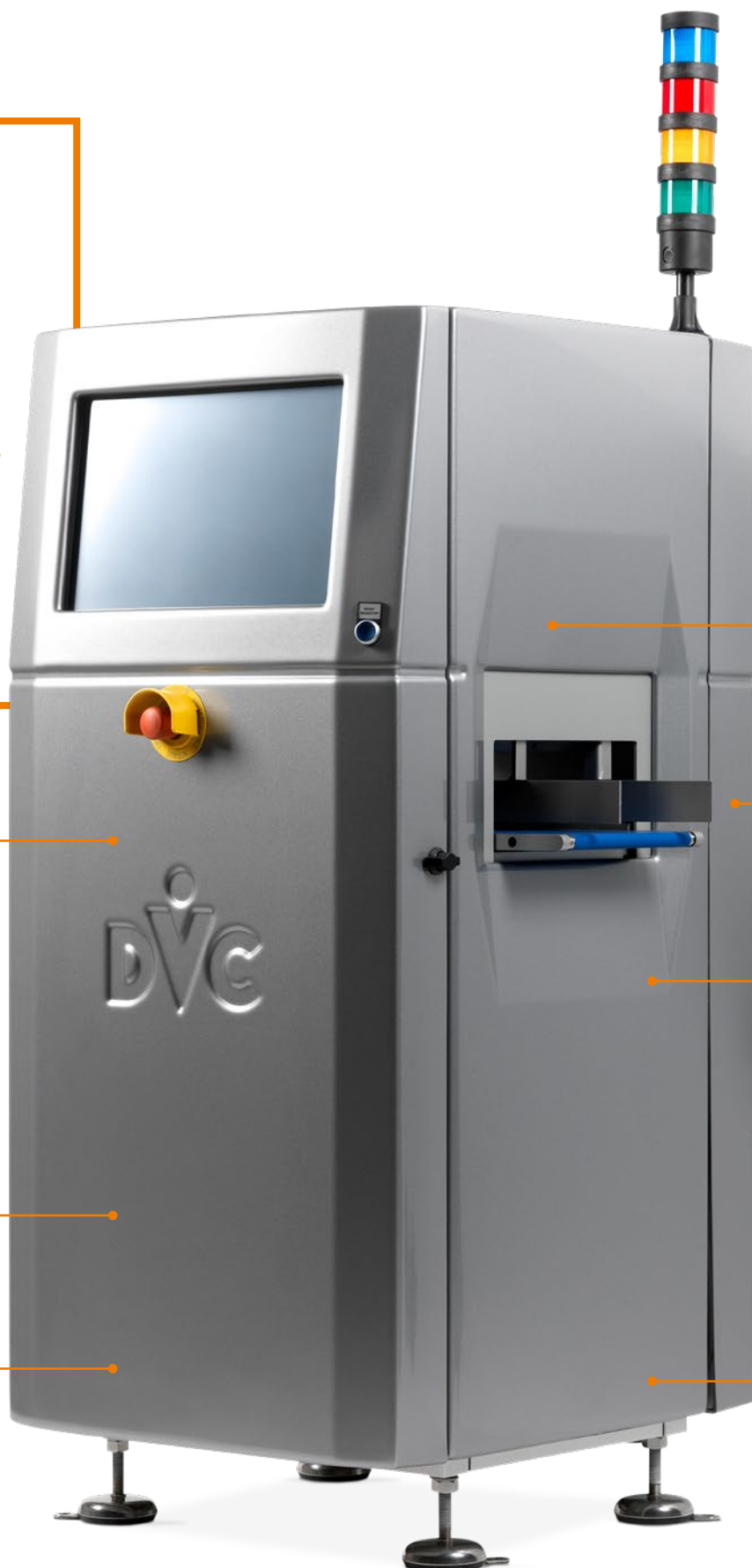
ESPERA DvC Vision

Standalone or fully integrated with the ESPERA labeling systems of the NOVA generation, the new vision inspection system provides maximum quality control for your labeling process.

Recognition of
fonts and logos > 1.5 mm

Check of text fields,
logos and barcodes on a label.

Check of barcodes and
QR codes printing quality
as well as content check.

Combination options

Combine your ESPERA DvC inspection system with the appropriate reject system. The ESPERA ES-X reject system allows sorting of faulty or badly printed packages. But can also be combined with other sorting commands from the labeling system.

Camera-guided quality control of labels and label content.

Label inspection on various package formats, e.g. round, rectangular, oval.

Detection of up to 2 labels on the top side and 1 label on the bottom side of a package.

Position detection of the label on the package (including rotation detection).
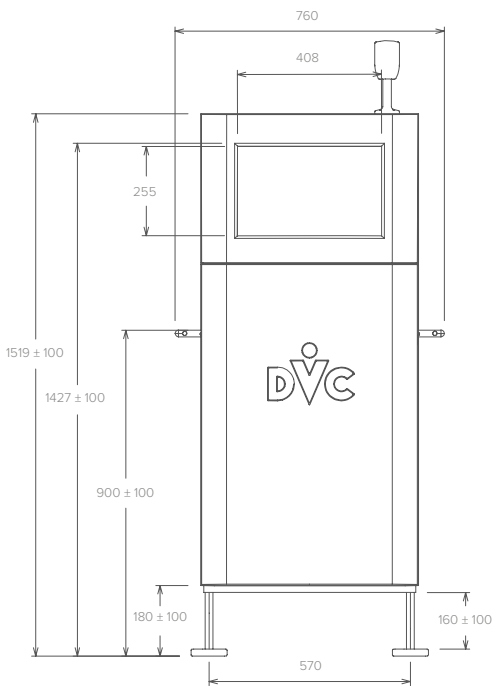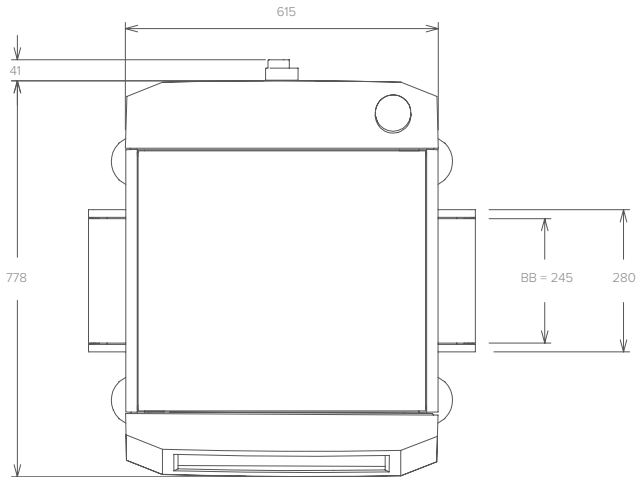
ESPERA DvC

100%
LABEL INSPECTION

Nowadays, consumers are placing increasingly high demands on their daily products. As much product information as possible must be displayed on the label of a package. Packages must contain as much product information as possible. For example, nutritional values, allergen information, recipes or even the quite classic the weight, price and best-before date of a product. If labels are printed with incorrect or poorly readable information, this can lead to cost-intensive complaints from the end consumer or the retail industry.

The ESPERA DvC Vision system checks whether the appropriate label information is available and correctly printed, but also that the contents, like barcodes for example, are correctly reproduced on the label.

PACKAGE SEALING
CONTROL

Also available with an additional camera for package sealing control.

Technical drawings (dimensions in mm):

- 615
- 41
- 778
- BB = 245
- 280
- 760
- 408
- 255
- 1519 ± 100
- 1427 ± 100
- 900 ± 100
- 180 ± 100
- 160 ± 100
- 570

DVC

Terminal	Color touch screen
Software	Think4Industry
Belt speed	Up to 60 m/minute
Belt length	760 mm
Belt height	850 ± 50 mm
Inspection performance	Up to 140 products/minute
Belt direction	LR/RL
Max. product weight	3 kg (6 kg without sorting unit)
Min. product weight	100 g
Max. package length	500 mm *
Max. package width	200 mm *
Max. package height	60 mm
Inspection of label printing as well as pre-printed labels	Yes
Max. quantity of labels checked on top side of a package	1
Max. quantity of labels checked bottom side of a package	1
Max. quantity of barcodes (QR-Codes) checked per package side	2
Max. quantity of text fields checked per package side	2
Max. quantity of logos checked per package side	2
Min. font site	1,5 mm
Temperature	-10°C bis +40°C
USB	Yes
Mains voltag	230VA, 2.0A
Camera specification	4K, monochrome
Sorting options	available with 1- or 2-bin sorting system
Interface to ESPERA NOVA weigh-price labelers	Kit-Set available

* Package width dependent on the height of a package

ONE STEP AHEAD.

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