



Camera station FoL

**Reduction in recall and failure rates
through robust identification**

Read laser-coded blanks on the conveyor belt

After the labelled products have already passed through several processing stations in the press shop and thus generated further data, the FoL camera station as part of the evoTrQ modular system reads in the blank numbers and identifies the components. With a code-recognition rate of up to 99,95% the previously applied code on the produced plates will be detected and allocated with the corresponding production data. All production and test data, such as crack detection or tooling data, are uniquely assigned to each individual component. For quality purposes, a reliable assignment – also during further processing – is possible and ensures an enormous reduction in recall and failure rates as well as increasing the quality parameters.

At a glance:

- Reading speed
max. 300 m/min
- Up to four cameras in
one machine
- Built-in lighting
- Vertical and horizontal
adaption
- Camera field of view
200 x 200 mm
- Special image
processing algorithms
- OCR code identification



it's possible!
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here you can find further
information and videos:



<https://www.evopro-ag.de/evotrq>

evoTrQ camera station FoL

FEATURES

process parameters:

conveyor speed:	300 m/min max.
product performance:	30 parts/min with 2 cameras
readable surfaces:	blank steel, galvanized steel, aluminium
positioning speed per axis:	100 mm/s



TECHNICAL DATA

dimensions in mm (l x w x h):

axis system:	5.100 x 850 x 850 mm
switch cabinet:	600 x 600 x 2.000 mm

weight:

axis system with camera boxes:	180 kg
switch cabinet:	160 kg

power supply:

rated current:	16 A
rated voltage:	400 V AC
frequency:	50 Hz
control voltage:	24 V DC
power consumption:	2,1 kW

interfaces:

machine communication:	Ethernet (RJ-45-connector) for customer-side connection to forming press
safety contacts:	2 potential-free contacts for safety door circuit of the system and/or 2 potential-free contacts for integrated EMERGENCY STOP circuit

camera:

type:	line camera
camera resolution (picture size):	4096 x 2048 dpi
camera field of view:	200 x 200 mm
camera equipment/plant:	2 pcs. (standard) 4 pcs. (2x up, 2x down.)